

5-17-2007

Council on Academic Affairs Minutes, May 17, 2007

Eastern Kentucky University

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**COUNCIL ON ACADEMIC AFFAIRS
MINUTES
May 17, 2007**

Members Present: Byron Bond, David Eakin, Verna Freer, Gary Kuhnhenh, Kim Naugle, Jaleh Rezaie, Heidi Terry, Liz Throop, Janna Vice, Deborah Whitehouse, Aaron Thompson, Vice Chair

Members Absent: Scott Amundsen, Allen Ault, Steve Byrn*, E.J. Keeley, Sandra Moore, Rodney Piercey, Becky Whitehurst

*indicates prior notification

Non-Members Present: Sheila Adkins, Mike Ballard, Karen Sue Cain, Sarah McCartt, Neil Pederson, Julie Robinson, Gordon St. Michel, Rick Sambrook, Eugene Styer, Linda Turner, Ka-Wing Wong, Margaret Yoder

APPROVED

Council on Academic Affairs Minutes – April 19, 2007

OFFICE OF UNIVERSITY PROGRAMS

General Education

Introduced for Review

Policy Revision

Transfer Policy for Students with ENG 102 credit

The policy was presented to the Council, which was informed that concerns should be addressed to Tom Watkins. The concern of the need for an operational procedure to communicate the policy change to students was expressed. The Council was assured that the Transfer Center currently handles these students on a case-by-case basis. Concern about the differences in ACT requirements between native and transfer students was also expressed.

Introduced for Review

Policy Revision

UWR Policy for Grandfathered Students

Discussion centered on whether or not the proposal was a policy revision or a procedural change within a policy. Because the policy imposes significant changes to the procedure for grandfathered students, it was determined that this policy is a substantive policy change item. Dr. Thompson requested the Council review a new version of the proposal that includes the ENG 099 restriction.

COLLEGE OF ARTS & SCIENCES

Department of Anthropology, Sociology, & Social Work

APPROVED

Effective: Spring 2008

Course Revision **SOC 470** **Senior Seminar**

Prerequisite change to include senior standing. Effective date on Curriculum Change Form was inaccurate and changed to Spring 2008 (subsequent effective dates on College of Arts and Sciences proposals for this meeting were also inaccurately termed and have been adjusted to reflect the Spring 2008 effective date).

APPROVED

Effective: Spring 2008

New Course **SWK 100** **Principles of Food Stamps**

The course is currently offered as a special topics course, and to create a new course for specific students would free up topics for other courses. Discussion questioned how the College would confine the ability of students to register for the course. The Council was assured that the course is hidden and procedures are in place to allow the selective population of students to register for this particular course.

APPROVED

Effective: Spring 2008

Program Revision **Sociology (B.A.)**

APPROVED

Effective: Spring 2008

New Program **Social Institutions & Change (Minor)**

Discussion showed that the minor will allow specialization within a broad major program. In the catalog text, CJS was changed to CRJ to align with present codes.

Department of Biological Sciences

APPROVED

Effective: Spring 2008

Course Revision **BIO 521** **Forest Ecology**

Course Revision **BIO 721** **Forest Ecology**

Title revised, credit hours increased, prerequisite revised, and weekly contact hours changed to reflect the change to a lab course. Proposal was approved with the caveat that a new syllabus would be provided to the Council at the next meeting that will distinguish different learning objectives between undergraduate and graduate students in the course.

APPROVED

Effective: Spring 2008

New Course **BIO 533** **Bioinformatics: Principles & Applications**

New Course **BIO 733** **Bioinformatics: Principles & Applications**

Course added to support proposed Minor in Bioinformatics. Proposal approved with the caveat that a new syllabus would be provided to the Council at the next meeting that will distinguish different learning objectives between undergraduate and graduate students in the course.

(COLLEGE OF ARTS & SCIENCES Continued)

Department of Computer Science

APPROVED

Effective: Spring 2008

Course Revision **CSC 550** **Graphics Programming**

Course Revision **CSC 750** **Graphics Programming**

Prerequisite revision, course description revision. Discussion led the Council to consider when an old course is revised to the extent that it becomes a new course. Dr. Thompson responded that a course becomes a new course when the course changes so significantly that the learning outcomes and objectives are different from the original. When the outcomes and objectives are the same, the course proposal remains a revision. In this case, the course uses the same tools and produces the same outcome but requires a revision to reflect current technology. Proposal approved with a syllabus revision on the second page that addresses the course incorrectly as CSC 510 and 710 (changed to 550 and 750).

APPROVED

Effective: Spring 2008

New Course **CSC 120** **Introduction to Multimedia**

New Course **CSC 140** **Introduction to Computer Game Design**

New Course **CSC 510** **Web Design & Programming in Education**

New Course **CSC 710** **Web Design & Programming in Education**

New Course **CSC 520** **Multimedia System Design**

New Course **CSC 720** **Multimedia System Design**

The new courses are needed for a new proposed gaming option in Computer Science. Approved with friendly amendment to the catalog text in CSC 720 adding “or to” in the prerequisite after “science.”

APPROVED

Effective: Spring 2008

Program Revision **Computer Science (B.S.)**

A replacement proposal was passed around to the members. The replacement corrected the General Education Requirements in the catalog text of the original proposal. Proposal approved with friendly amendment under “Interactive Multimedia” replacing “Two of” to “six hours from”.

APPROVED

Effective: Spring 2008

Program Revision **Applied Computing (M.S.)**

Revision of Software Engineering Option. Proposal approved with friendly amendment under Option in Bioinformatics replacing CCS with CSC to reflect current course code.

APPROVED

Effective: Spring 2008

New Program **Interactive Media (Minor)**

(COLLEGE OF ARTS & SCIENCES Continued)

Department of Geography

APPROVED

Effective: Spring 2008

Dropped Course **GEO 755** **Advanced Cartography**

Course was no longer necessary for the students. Content covered elsewhere in department courses.

APPROVED

Effective: Spring 2008

Revised Course **GEO 555** **Advanced Cartography**

Title revision, course number revision to reflect skill level, course format revision. With course number revision to GEO 455, the proposal was approved with a friendly amendment to catalog text adding "Formerly GEO 555".

APPROVED

Effective: Spring 2008

Program Revision **Geography (B.A.)**

To reflect approved proposals.

Program Revision

Geotechniques (Minor)

Effective: Spring 2008

Editorial Change

Informational Item Only

Effective: Spring 2008

Program Revision

Community & Regional Planning (Minor)

Editorial change to reflect recent curriculum changes.

Department of Mathematics & Statistics

APPROVED

Effective: Spring 2008

Course Revision **STA 500** **Applied Statistical Inference**

Course Revision **STA 700** **Applied Statistical Inference**

Equivalent course revision. Discussion continued on question of differentiation between learning objectives and outcomes between undergraduate and graduate students. The syllabus shows additional work for the graduate students but does not show significant differences in outcomes or objectives. Proposals approved with the request of an updated syllabus that reflects this differentiation.

APPROVED

Effective: Spring 2008

Course Revision **STA 521** **Mathematical Statistics II**

Course Revision **STA 721** **Mathematical Statistics II**

Equivalent course revision. Proposal approved with the request of an updated syllabus that differentiates between undergraduate and graduate students' learning objectives and outcomes.

(COLLEGE OF ARTS & SCIENCES Continued)

(Department of Mathematics & Statistics – Continued)

APPROVED Effective: Spring 2008
New Course **MAT 520** **Mathematical Statistics I**
Proposal approved with friendly amendment to catalog text adding “Cross listed as STA 520”.
New Course **MAT 720** **Mathematical Statistics I**
Proposal approved with friendly amendment to catalog text adding “Cross listed as STA 720”.

Department of Psychology

APPROVED Effective: Spring 2008
Course Revision **PSY 291** **Psychology: Statistical-Experimental I**
Prerequisite revision.

COLLEGE OF HEALTH SCIENCES

Department of Exercise & Sport Science

APPROVED Effective: Spring 2008
Program Revision **Physical Education (M.S.)** Effective: Spring 2008
Catalog text revision, course additions to catalog text requirements.

Department of Health Promotion & Administration

Editorial Change *Informational Item Only* Effective: Spring 2008
Program Revision **Health Education (B.S.)**
Update degree requirements to reflect recent changes in courses. Proposal approved with friendly amendment to catalog text correcting the General Education hours to indicate which section of the block is excluded for the requirements.

APPROVED Effective: Spring 2008
Program Revision **School Health (Minor)**
Proposal approved with friendly amendment to catalog text deleting “or”.

Editorial Change *Informational Item Only* Effective: Summer 2007
Program Revision **Medical Assisting Technology (A.A.S.)**
Correction in the *Catalog* text.

(COLLEGE OF HEALTH SCIENCES Continued)

Department of Occupational Therapy

APPROVED

Effective: Spring 2008

Course Revision **OTS 335** **Professional Dynamics**

Co-requisite revision, catalog text revision.

APPROVED

Effective: Spring 2008

Course Revision **OTS 421** **Occupation Across the Lifespan**

Co-requisite revision, catalog text revision.

APPROVED

Effective: Spring 2008

New Course **OTS 885** **Occupational Performance Standards**

Proposal approved with friendly amendment of catalog text removing “course” and adding “status” after “student” on the second line.

APPROVED

Effective: Spring 2008

Course Dropped **OTS 812** **Community Practicum in Occupation**

Course Dropped **OTS 814** **Health Care Systems and OT Services**

APPROVED

Effective: Spring 2008

Program Revision **Occupational Therapy (M.S.)**

To reflect recent approved changes in the program.

READ ONLY

Informational Item **OTS 520** **Providing Health Services in Appalachia**

OTS 720 **Providing Health Services in Appalachia**

Department of Occupational Therapy presented the council with a revised syllabus for this course that differentiates between undergraduate and graduate learning objectives and outcomes.




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Associate Vice President
University Programs

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TO: Members of the Council on Academic Affairs

FROM: 
Aaron Thompson
Associate Vice President

DATE: May 14, 2007

RE: Meeting-Council on Academic Affairs

The Council on Academic Affairs will meet on May 17, at 1:30 PM in SSB 549. The agenda and attachments are available through the Council on Academic Affairs Web site at: http://www.academicaffairs.eku.edu/committee/academic_council/. If you cannot attend the meeting, please contact Rhonda Goode either by phone at x22076 or e-mail rhonda.goode@eku.edu.

AGENDA

1. Council on Academic Affairs Minutes – April 19, 2007
-

OFFICE OF UNIVERSITY PROGRAMS

General Education

Policy Revision
(Read Through Only)
Informational Item

Transfer Policy for Students
with ENG 102 credit

Effective: Fall 2007

Policy Revision
(Read Through Only)

UWR Proposal

Effective: Fall 2007

Informational Item **APPROVED**



COLLEGE OF ARTS & SCIENCES

Department of Anthropology, Sociology, & Social Work

| | | |
|-------------------------|-----------------------------------------------------|------------------------|
| <i>Course Revision</i> | SOC 470 | Effective: Spring 2008 |
| <i>New Course</i> | SWK 100 | Effective: Spring 2008 |
| <i>Program Revision</i> | Sociology (B.A.) | Effective: Spring 2008 |
| <i>New Program</i> | Social Institutions & Change (Minor) | Effective: Spring 2008 |

Department of Biological Sciences

| | | |
|------------------------|----------------|------------------------|
| <i>Course Revision</i> | BIO 521 | Effective: Spring 2008 |
| <i>Course Revision</i> | BIO 721 | Effective: Spring 2008 |
| <i>New Course</i> | BIO 533 | Effective: Spring 2008 |
| <i>New Course</i> | BIO 733 | Effective: Spring 2008 |

Department of Computer Science

| | | |
|-------------------------|----------------------------------|------------------------|
| <i>Course Revision</i> | CSC 550 | Effective: Spring 2008 |
| <i>Course Revision</i> | CSC 750 | Effective: Spring 2008 |
| <i>New Course</i> | CSC 120 | Effective: Spring 2008 |
| <i>New Course</i> | CSC 140 | Effective: Spring 2008 |
| <i>New Course</i> | CSC 510 | Effective: Spring 2008 |
| <i>New Course</i> | CSC 710 | Effective: Spring 2008 |
| <i>New Course</i> | CSC 520 | Effective: Spring 2008 |
| <i>New Course</i> | CSC 720 | Effective: Spring 2008 |
| <i>Program Revision</i> | Computer Science (B.S.) | Effective: Spring 2008 |
| <i>Program Revision</i> | Applied Computing (M.S.) | Effective: Spring 2008 |
| <i>New Program</i> | Interactive Media (Minor) | Effective: Spring 2008 |

Department of Geography

| | | |
|-------------------------|-----------------------------------|------------------------|
| <i>Dropped Course</i> | GEO 755 | Effective: Spring 2008 |
| <i>Revised Course</i> | GEO 555 Changed to GEO 455 | Effective: Spring 2008 |
| <i>Program Revision</i> | Geography (B.A.) | Effective: Spring 2008 |
| <i>Program Revision</i> | Geotechniques (Minor) | Effective: Spring 2008 |

Editorial Change – Curriculum Form – Informational Item Only

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| <i>Program Revision</i> | Community & Regional Planning (Minor) | Effective: Spring 2008 |
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Department of Mathematics & Statistics

| | | |
|------------------------|----------------|------------------------|
| <i>Course Revision</i> | STA 500 | Effective: Spring 2008 |
| <i>Course Revision</i> | STA 700 | Effective: Spring 2008 |
| <i>Course Revision</i> | STA 521 | Effective: Spring 2008 |
| <i>Course Revision</i> | STA 721 | Effective: Spring 2008 |
| <i>New Course</i> | MAT 520 | Effective: Spring 2008 |
| <i>New Course</i> | MAT 720 | Effective: Spring 2008 |

Department of Psychology

| | | |
|------------------------|----------------|------------------------|
| <i>Course Revision</i> | PSY 291 | Effective: Spring 2008 |
|------------------------|----------------|------------------------|

COLLEGE OF HEALTH SCIENCES

Department of Exercise & Sport Science

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|-------------------------|----------------------------------|------------------------|
| <i>Program Revision</i> | Physical Education (M.S.) | Effective: Spring 2008 |
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Department of Health Promotion & Administration

Editorial Change – Curriculum Form – Informational Item Only

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| <i>Program Revision</i> | Health Education (B.S.) | Effective: Spring 2008 |
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|-------------------------|------------------------------|------------------------|
| <i>Program Revision</i> | School Health (Minor) | Effective: Spring 2008 |
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Editorial Change – Curriculum Form – Informational Item Only

| | | |
|-------------------------|--------------------------------------------------|------------------------|
| <i>Program Revision</i> | Medical Assisting Technology (A.A.S.) | Effective: Summer 2007 |
|-------------------------|--------------------------------------------------|------------------------|

Department of Occupational Therapy

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|------------------------|----------------|------------------------|
| <i>Course Revision</i> | OTS 335 | Effective: Spring 2008 |
|------------------------|----------------|------------------------|

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| <i>Course Revision</i> | OTS 421 | Effective: Spring 2008 |
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| <i>New Course</i> | OTS 885 | Effective: Spring 2008 |
|-------------------|----------------|------------------------|

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| <i>Course Dropped</i> | OTS 812 | Effective: Spring 2008 |
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| <i>Course Dropped</i> | OTS 814 | Effective: Spring 2008 |
|-----------------------|----------------|------------------------|

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|-------------------------|------------------------------------|------------------------|
| <i>Program Revision</i> | Occupational Therapy (M.S.) | Effective: Spring 2008 |
|-------------------------|------------------------------------|------------------------|

COUNCIL ON ACADEMIC AFFAIRS
MINUTES
April 19, 2007

Members Present: Allen Ault, Verna Freer, Gary Kuhnhenh, David May, Kim Naugle, Jerry Pogatshnik, Liz Throop, Janna Vice, Deborah Whitehouse, Becky Whitehurst, Aaron Thompson, Vice Chair

Members Absent: Scott Amundsen, Byron Bond, Steve Byrn*, E.J. Keeley, Sandra Moore, Rodney Piercey, Heidi Terry*

*indicates prior notification

Non-Members Present: Sheila Adkins, Michael Ballard, Alan Banks, Tina Davis, Stewart Farrar, Salome Nnoromele, Julie Robinson, Brian Thompson, Linda Turner, Neil Wright

APPROVED

Council on Academic Affairs Minutes – March 29, 2007

Dr. Thompson announced that a discussion took place at Provost's Council on Monday, April 16th which concerned the approval of policies at the University. It has been determined that policy revisions will be brought to the Council on Academic Affairs as a "read through" first and then be submitted to the Provost's Council. The Deans will submit the policies through the appropriate channels within their colleges before the item comes back to the Council on Academic Affairs for approval at the next meeting. This policy will be effective beginning with the fall 2007 term.

OFFICE OF ENROLLMENT MANAGEMENT

APPROVED

Policy Revision

**Exception to University Policy
Form**

Effective: Summer 2007

APPROVED AS AMENDED

Policy Revision

Late Add Policy

Effective: Fall 2007

Policy was amended to clarify statement #2 under item F and modify statement #4 under item F.

OFFICE OF UNIVERSITY PROGRAMS

Department of African/African-American Studies

APPROVED

Course Revision **AFA 201** Effective: Spring 2008

APPROVED

New Course **AFA 345** Effective: Spring 2008

APPROVED

Program Revision **African/African-American
Studies (Minor)** Effective: Spring 2008

APPROVED

Program Revision **African/African-American
Studies (Certificate)** Effective: Spring 2008

Department of Appalachian Studies

APPROVED

Program Revision **Appalachian Studies (Minor)** Effective: Spring 2008

Department of Women's Studies

APPROVED

Course Dropped **WMS 313** Effective: Spring 2008

Course Dropped **WMS 593** Effective: Spring 2008

APPROVED

New Course **WMS 232** Effective: Spring 2008

New Course **WMS 303** Effective: Spring 2008

New Course **WMS 399** Effective: Spring 2008

New Course **WMS 446** Effective: Spring 2008

APPROVED

Program Revision **Women's Studies (Minor)** Effective: Spring 2008

Program Revision **Women's Studies (Certificate)** Effective: Spring 2008

COLLEGE OF ARTS & SCIENCES

Department of Foreign Languages & Humanities

APPROVED AS AMENDED

New Course **HUM 302** Effective: Spring 2008

The title of the course was changed to Comparative Humanities to align with the degree program.

COUNCIL ON ACADEMIC AFFAIRS Minutes from April 19, 2007

Submitted by Rhonda Goode, Office of University Programs, AVP for Academic Affairs

COLLEGE OF ARTS & SCIENCES

Department of Foreign Languages & Humanities - continued

APPROVED

| | | |
|-------------------|----------------|------------------------|
| <i>New Course</i> | HUM 320 | Effective: Spring 2008 |
| <i>New Course</i> | HUM 330 | Effective: Spring 2008 |
| <i>New Course</i> | HUM 340 | Effective: Spring 2008 |
| <i>New Course</i> | HUM 350 | Effective: Spring 2008 |
| <i>New Course</i> | HUM 360 | Effective: Spring 2008 |
| <i>New Course</i> | HUM 490 | Effective: Spring 2008 |
| <i>New Course</i> | HUM 499 | Effective: Spring 2008 |

APPROVED AS AMENDED

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|--------------------|------------------------------------------------|------------------------|
| <i>New Program</i> | Interdisciplinary Humanities (B.A.) | Effective: Spring 2008 |
|--------------------|------------------------------------------------|------------------------|

After discussion regarding faculty credentialing and new hires, the title of program was changed to Comparative Humanities.

COLLEGE OF HEALTH SCIENCES

Department of Health Promotion & Administration

APPROVED

| | | |
|-------------------|----------------|------------------------|
| <i>New Course</i> | HEA 804 | Effective: Spring 2008 |
| <i>New Course</i> | HEA 825 | Effective: Spring 2008 |

APPROVED

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| <i>Course Dropped</i> | HEA 594 | Effective: Spring 2008 |
| <i>Course Dropped</i> | HEA 794 | Effective: Spring 2008 |

APPROVED

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|-------------------|----------------|----------------------|
| <i>New Course</i> | MPH 895 | Effective: Fall 2007 |
|-------------------|----------------|----------------------|

APPROVED

| | | |
|-------------------------|----------------------------------------------------------------------------------------------------------------|----------------------|
| <i>Program Revision</i> | Masters in Public Health (M.P.H.) Community Health Education Option Environmental Health Option | Effective: Fall 2007 |
|-------------------------|----------------------------------------------------------------------------------------------------------------|----------------------|

APPROVED

| | | |
|--------------------------|---------------------------------------------------------------------------|----------------------|
| <i>Program Suspended</i> | Masters in Public Health (M.P.H.) Public Administration Option | Effective: Fall 2007 |
|--------------------------|---------------------------------------------------------------------------|----------------------|

APPROVED

| | | |
|------------------------|----------------|------------------------|
| <i>Course Revision</i> | HNF 498 | Effective: Spring 2008 |
|------------------------|----------------|------------------------|

COUNCIL ON ACADEMIC AFFAIRS Minutes from April 19, 2007

Submitted by Rhonda Goode, Office of University Programs, AVP for Academic Affairs

COLLEGE OF HEALTH SCIENCES - continued

Department of Health Promotion & Administration

APPROVED

Course Revision **MAS 355** Effective: Spring 2008

APPROVED

Program Revision **Medical Assisting Technology** Effective: Spring 2008
(A.A.S.)

Department of Occupational Therapy

APPROVED

Course Revision **OTS 301** Effective: Spring 2008

Course Revision **OTS 302** Effective: Spring 2008

Course Revision **OTS 401** Effective: Spring 2008

COLLEGE OF JUSTICE & SAFETY

Department of Criminal Justice & Police Studies

Editorial Change – Curriculum Form – Informational Item Only

Course Revision **CRJ 305** Effective: Spring 2008

Editorial Change – Curriculum Form – Informational Item Only

Course Revision **CRJ 345** Effective: Spring 2008

APPROVED

Graduation Regalia **Lambda Alpha Epsilon** Effective: Spring 2007

Department of Safety, Security & Emergency Management

Editorial Change – Curriculum Form – Informational Item Only

Program Revision **Fire & Safety Engineering** Effective: Fall 2007
Technology (B.S.)

Transfer Policy Proposal
For
Students With Credit in ENG 102 Only

Background

Eastern Kentucky University accepts transfer students who have completed a course equivalent to ENG 102, but have not completed a course equivalent to ENG 101. Since the General Education Program requires completion of both ENG 101 and ENG 102, the University needs a policy for these transfer students that is consistent with policies applying to students who complete their written communication requirements at EKU. EKU students who have an English ACT sub-score below 28 enroll in ENG 101 and ENG 102. EKU students who have an English ACT sub-score of at least 28 may enroll in ENG 105, earn six hours, and complete general education requirements in written communication as long as they receive a final course grade of B or higher. If they receive a final course grade of below B, they enroll in ENG 102.

Proposal

1. **If transfer students have failed a course equivalent to ENG 101 and completed a course equivalent to ENG 102, they will enroll in ENG 101 to complete the written communication requirement in general education.**
2. **If transfer students have not completed a course equivalent to ENG 101 and have completed a course equivalent to ENG 102 with a final course grade of at least B-; the ENG 101 requirement is waived.**
3. **If transfer students have not completed a course equivalent to ENG 101, have completed a course equivalent to ENG 102 with a final course grade below B-, and have an ACT English sub-score:**
 - a. **Of at least 26, they will enroll in ENG 105 for three hours credit to complete the written communication requirement in general education.**
 - b. **Below 26, the Chair of the Department of English will recommend a course (ENG 101 or ENG 105 for three hours credit) to complete the written communication requirement in general education.**

Impact on Transfer Students

Of the twelve transfer students admitted in Fall 2006 with only a course equivalent to ENG 102, eleven earned a final course grade of at least B. Only one student received a final course grade less than B. If this is an accurate indicator for the future, this proposal will only affect a small number of transfer students.

May 17, 2007

MEMORANDUM

Upon the request of the Board of Regents, the UWR committee considered the discontinuation of the UWR for all current and future students rather than discontinuing the requirement for students admitted during the summer 2006 term or later.

After reconsideration, the UWR committee supports the policy as it was passed by the Board of Regents on April 23rd, 2007. They determined this is the most reasoned and appropriate action and in the best interest of students. This policy allows programs a reasonable opportunity to implement their core competency writing requirements to meet the needs of current and future students.

The UWR committee also considered the current policy which limits students who have not met the UWR requirement to be limited to 12 hours of enrollment. Further, the policy states that students may not enroll after earning 100 hours until the exam requirement is satisfied.

The committee proposes allowing students who need to complete the UWR be allowed to enroll in the normal course load limit (18 hours during a fall or spring term). This proposal was based on factors including the presence of the requirement on the CARES report and the number of exceptions to University policy forms which have been approved (559 to date).

The Office of Academic Testing also plans to create a report to notify students via email that they need to complete the requirement.

Under this proposal, ENG 099 would no longer be a requirement for students to enroll in upon failing the UWR three or more times. Students will still have the option of enrolling in ENG 099 if they so choose.

Thus, the UWR committee requests the approval by the Council on Academic Affairs of these proposals.



EASTERN KENTUCKY UNIVERSITY

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MEMORANDUM

TO: Council on Academic Affairs

FROM: Gary L. Kuhnhenh
Dr. Gary L. Kuhnhenh, Associate Dean
College of Arts and Sciences

DATE: May 7, 2007

SUBJECT: Agenda Items for 5-17-07 Council on Academic Affairs Meeting

The College of Arts and Sciences submits the following agenda items for consideration at the May 17, 2007 meeting of the Council on Academic Affairs.

AGENDA

Department of Anthropology, Sociology & Social Work

Course Revisions

1. SOC 470 – prerequisite (CAS-1)

New Course

1. SWK 100 – Principles of Food Stamps (CAS-5)

Revised Program

1. Sociology (B.A.) – major requirements (CAS-19)

New Program

1. Social Institutions and Social Change (Minor) (CAS-21)

Department of Biological Sciences

Revised Course

1. BIO 521 – title, hours, prerequisite & description (CAS-23)
2. BIO 721 – title, hours, prerequisite & description (CAS-27)

New Course

1. BIO 533 – Bioinformatics: Principles and Applications (CAS-35)
2. BIO 733 – Bioinformatics: Principles and Applications (CAS-39)



Department of Computer Science

Revised Course

1. CSC 550 – prerequisite & description (CAS-47)
2. CSC 750 – prerequisite & description (CAS-51)

New Course

1. CSC 120 – Introduction to Multimedia (CAS-55)
2. CSC 140 – Intro to Computer Game Design (CAS-61)
3. CSC 510 – Web Design for Teachers (CAS-67)
4. CSC 710 – Web Design for Teachers (CAS-71)
5. CSC 520 – Multimedia System Design (CAS-77)
6. CSC 720 – Multimedia System Design (CAS-81)

Revised Program

1. Computer Science (B.S.) – options (CAS-87)
2. Applied Computing (M.S.) – options (CAS-91)

New Program

1. Interactive Media (Minor) (CAS-93)

Department of Geography

Dropped Course

1. GEO 755 – Advanced Cartography (CAS-95)

Revised Course

1. GEO 555 – number, title, prerequisite & description (CAS-97)

Revised Program

1. Geography (B.A.) – course requirements (CAS-103)
2. Geotechniques (Minor) – course requirements (CAS-105)
3. Community and Regional Planning (Minor) – course requirements (CAS-107)

Department of Mathematics and Statistics

Revised Course

1. STA 500 – equivalency (CAS-109)
2. STA 700 – equivalency (CAS-113)
3. STA 521 – equivalency (CAS-121)
4. STA 721 – equivalency (CAS-125)

New Course

1. MAT 520 – Mathematical Statistics I (CAS-133)
2. MAT 720 – Mathematical Statistics I (CAS-137)

Department of Psychology

Course Revisions

1. PSY 291 – prerequisite (CAS-145)



Eastern Kentucky University is an Equal Opportunity/Affirmative Action Employer and Educational Institution

Curriculum Change Form
 (Present only one proposed curriculum change per form)
 (Complete only the section(s) applicable.)

Part I

| | | |
|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------|
| (Check one) | Department Name | Anthropology, Sociology & Social Work |
| <input type="checkbox"/> New Course (Parts II, IV) | College | Arts & Sciences |
| <input checked="" type="checkbox"/> Course Revision (Parts II, IV) | *Course Prefix & Number | SOC 470 |
| <input type="checkbox"/> Course Dropped (Part II) | *Course Title (30 characters) | Senior Seminar |
| <input type="checkbox"/> New Program (Part III) | *Program Title | |
| <input type="checkbox"/> Program Revision (Part III) | (Major <u> </u> ; Option <u> </u> ; Minor <u> </u> ; or Certificate <u> </u>) | |
| <input type="checkbox"/> Program Suspended (Part III) | *Provide only the information relevant to the proposal. | |

| | | |
|-------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Proposal Approved by: | Date | Date |
| Departmental Committee | 3/22/07 | Graduate Council* NA |
| <i>Is this a SACS Substantive Change?</i> | Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | Council on Academic Affairs |
| College Curriculum Committee | 4/16/07 | Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> 05-17-07 |
| General Education Committee* | NA | Faculty Senate** NA |
| Teacher Education Committee* | NA | Board of Regents** NA |
| | | Council on Postsecondary Edu.*** NA |

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.)
 Change prerequisites for SOC 470.

A. 2. Effective date: (Example: Fall 2001)
 Spring 2008

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)

B. The justification for this action:
 The course is being organized as a capstone course for seniors nearing graduation.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact:
 None

Operating Expenses Impact:
 None

Equipment/Physical Facility Needs:
 NA

Library Resources:
 NA

Part IV. Recording Data for New or Revised Course (Record only new or changed course information.)

| | | | | |
|-----------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Course prefix (3 letters) SOC | Course Number (3 Digits) 470 | Effective Term (Example: Fall 2001) Spring 2008 | College/Division: AS <input checked="" type="checkbox"/> JS _____ BT _____ EM _____ ED _____ PC _____ HS _____ | Dept. (4 letters)* ANSW |
| Credit Hrs. | Weekly Contact Hrs. Lecture _____ Laboratory _____ Other _____ | | Repeatable Maximum No. of Hrs. _____ | |
| Schedule Type* (List all applicable) | Work Load (for each schedule type) | Grading Mode* | Cip Code (first two digits only) FR _____ JR _____ SO _____ SR <input checked="" type="checkbox"/> | |
| | | Grading Information: Course is eligible for IP (in-progress grading) for: <u>Check all applicable</u> | FOR BANNER USE ONLY Date of data entry _____ Data entry person _____ | |
| | | Thesis _____ | | |
| | | Internship _____ | | |
| | | Independent Study _____ | | |
| | | Practicum _____ | | |

Co-Requisites and Prerequisites

Co-Requisite(s): (List only co-requisites. See below for prerequisites and combinations.)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |

Prerequisite(s): (List prerequisites only. List combinations below. Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|-------------------------------|
| Course Prefix and No. | Senior standing. SOC 232, 460 |
| Course Prefix and No. | |
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Co-Requisite(s) and/or Prerequisite(s) Combination (Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Equivalent Course(s): (credit not allowed with; or formerly:)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |
| Course Prefix and No. | |

Proposed General Education Block: Please mark (X) in the appropriate Block or Blocks (e.g. – IVB(3) X).

| Block I (9) | Block II (3) | Block III (6) | Block IV (6) | Block V (9) | Block VI (3) | Block VII (6) | Block VIII (6) |
|-------------|--------------|---------------|--------------|-------------|--------------|---------------|----------------|
| IA (3) | II (3) | IIIA (3) | IVA (3) | VA (3) | VI (3) | VII (3) | VIII (3) |
| IB (3) | | IIIB (3) | IVB (3) | VB (3) | | VII (3) | VIII (3) |
| IC (3) | | | | VC (3) | | | |

Curriculum Change Form
(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

Part I

| | | |
|---------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------|
| (Check one) | Department Name | Anthropology, Sociology & Social Work |
| <input checked="" type="checkbox"/> New Course (Parts II, IV) | College | Arts & Sciences |
| <input type="checkbox"/> Course Revision (Parts II, IV) | *Course Prefix & Number | SWK 100 |
| <input type="checkbox"/> Course Dropped (Part II) | *Course Title (30 characters) | Principles of Food Stamps |
| <input type="checkbox"/> New Program (Part III) | *Program Title | |
| <input type="checkbox"/> Program Revision (Part III) | | (Major __, Option __; Minor __; or Certificate __) |
| <input type="checkbox"/> Program Suspended (Part III) | *Provide only the information relevant to the proposal. | |

| | | |
|-------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------------------|
| Proposal Approved by: | <u>Date</u> | <u>Date</u> |
| Departmental Committee | 3/22/07 | Graduate Council* NA |
| <i>Is this a SACS Substantive Change?</i> Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | | Council on Academic Affairs |
| College Curriculum Committee | 4/16/07 | Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> 05-17-07 |
| General Education Committee* | NA | Faculty Senate** NA |
| Teacher Education Committee* | NA | Board of Regents** NA |
| | | Council on Postsecondary Edu.*** NA |

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.)
 Create a new course for University Training Center use only.

A. 2. Effective date: (Example: Fall 2001)
 Spring 2008

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)

B. The justification for this action:

The volume of enrollments by Cabinet employees has led to the need for this topic to have its own course number so as to no longer use SWK 455, which is a selected topics course for Social Work majors. This important specific topic should be a stand alone course with restricted enrollment.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact: NA

Operating Expenses Impact: NA

Equipment/Physical Facility Needs: NA

Library Resources: NA

Part II. Recording Data for New, Revised, or Dropped Course

(For a new required course, complete a separate request for the appropriate program revisions.)

1. For a new course, provide the catalog text.
2. For a revised course, provide the current catalog text with the proposed text using strikethrough for deletions and underlines for additions.
3. For a dropped course, provide the current catalog text.

New or Revised* Catalog Text

(*Use strikethrough for deletions and underlines for additions. Also include Crs. Prefix, No., and description, limited to 35 words.)

SWK 100 Principles of Food Stamps. (3) A. Integration of basic knowledge and skills to process food benefits cases. Enrollment is restricted to Cabinet of Health and Families employees only. Registration through UTC only.

Part IV. Recording Data for New or Revised Course (Record only new or changed course information.)

| | | | | |
|----------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Course prefix (3 letters) SWK | Course Number (3 Digits) 100 | Effective Term (Example: Fall 2001) Spring 2008 | College/Division: AS <input checked="" type="checkbox"/> JS _____ BT _____ EM _____ ED _____ PC _____ HS _____ | Dept. (4 letters)* ANSW |
| Credit Hrs. 3 | Weekly Contact Hrs. Lecture <u>2</u> Laboratory <u>2</u> Other _____ | | Repeatable Maximum No. of Hrs. _____ | |
| | | Cip Code (first two digits only) 44 | | |
| Schedule Type* (List all applicable) L | Work Load (for each schedule type) 3 | Grading Mode* S | Class Restriction, if any: (undergraduate only) FR _____ JR _____ SO _____ SR _____ | |
| | | Grading Information: Course is eligible for IP (in-progress grading) for: <u>Check all applicable</u> | FOR BANNER USE ONLY Date of data entry _____ Data entry person _____ | |
| | | Thesis _____ | | |
| | | Internship _____ | | |
| | | Independent Study _____ | | |
| | | Practicum _____ | | |

Co-Requisites and Prerequisites

Co-Requisite(s): (List only co-requisites. See below for prerequisites and combinations.)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |

Prerequisite(s): (List prerequisites only. List combinations below. Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Co-Requisite(s) and/or Prerequisite(s) Combination (Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Equivalent Course(s): (credit not allowed with; or formerly:)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |
| Course Prefix and No. | |

Proposed General Education Block: Please mark (X) in the appropriate Block or Blocks (e.g. – IVB(3) X).

| Block I (9) | Block II (3) | Block III (6) | Block IV (6) | Block V (9) | Block VI (3) | Block VII (6) | Block VIII (6) |
|-------------|--------------|---------------|--------------|-------------|--------------|---------------|----------------|
| IA (3) | II (3) | IIIA (3) | IVA (3) | VA (3) | VI (3) | VII (3) | VIII (3) |
| IB (3) | | IIIB (3) | IVB (3) | VB (3) | | VII (3) | VIII (3) |
| IC (3) | | | | VC (3) | | | |

NOTE: Do not forward validation tables with curriculum form.

(*Use Validation Tables.)

SWK 100 Syllabus
Principles of Food Stamps
3 credits
Eastern Kentucky University

Eastern Kentucky University
ANT/SOC/SWK Department

I. Description:

Principles of Food Stamps utilizes on-the-job learning methods via Blackboard and in-depth lab instruction applying procedures based on the policy learned in the field based learning components. Students will integrate the basic knowledge and skills to process application and recertification of food benefits cases through the Department for Community Based Services (DCBS). The course is for DCBS employees only and was previously taught as SWK 455.

II. Course Objectives:

At the conclusion of the Food Benefits Basic, participants will be able to:

1. Demonstrate the skills and knowledge to correctly process Food Benefits application and recertification.
2. Facilitate families to reach their goals through effective interviewing and assessment techniques.
3. Calculate the correct benefits amount.
4. Apply ETP requirements appropriately.
5. Explain the Food Benefits program and recipient responsibility.
6. Compile comprehensive documentation concerning case actions.
7. Integrate changes that are known to the agency into the case record.
8. Access, interpret and apply Food Benefits Policy.

III. Evaluation:

Grade mode for this course is Satisfactory/Unsatisfactory. Successful completion of all components is required for a passing grade.

Notice to Students: If you are registered with the Office of Services for Individuals with Disabilities, please make an appointment with the course instructor to discuss any academic accommodations you need. If you need academic accommodations and are not registered with the Office of Services for Individuals with Disabilities, please contact the Office on the third floor of the Student Services Building, by email at disserv@eku.edu or by telephone at (859) 622-2933 V/TDD. Upon individual request, this syllabus can be made available in alternative forms.

IV. Course Outline:

- A. Field Based Learning Module 1 (Online Components)
- B. Food Benefits Part 1 (Computer Lab)
- C. Field Based Learning Module 2 (Online Components)
- D. Food Benefits Part 2 (Computer Lab)

The Field Based Learning modules are completed on the job and are accomplished by completing the assignments online utilizing BlackBoard, researching the on-line policy manual, observing office practices, and exchanging feedback with their mentor/supervisor.

The Food Benefits, Parts 1 and 2, are conducted in a computer lab.

The four segments of the entire course must be taken in the order shown above. It is also important to know that each segment must be fully completed before participants can begin the next segment.

A. Module I

During this week, participants will be in their local office and will complete learning activities by completing BlackBoard assignments, researching the on-line policy manual, observing office practices, and exchanging feedback with their mentor/supervisor. Learning sessions are separated on a daily basis to distribute the material, but participants may work at their own pace to cover the material, as long as all assignments are completed prior to attendance of Lab 1. Learning sessions should be completed in order listed.

"Introduction to Food Benefits Basic"

- leads participants to consider learning approaches, logistics, guidelines for covering assignments.
- Exercises-participants will complete a Pre-Test

"Meeting Client Needs"

- Objectives-Participants will:
 - expand upon how a Food Benefits worker addresses a client's needs;
 - explain how a Food Benefits worker fits into a larger team providing Comprehensive Family Services to clients;
 - use the office Resource List to address needs other than the client's

- presenting need;
- Exercises-Participants will write out responses to questions and summaries after accessing the office Resource List and observing a client interview.

"Observing Client Interviews"

- Objectives-Participants will be able to:
 - observe an interview and take notes to report back on Day 1 of Lab 1;
 - become familiar with forms used during an interview and with case order.
- Exercises-Participants will review material from Intro to Family Support Casework, observe at least one client interview, complete an Interview Observation Sheet, learn the office preference for case order, and complete an activity on BlackBoard.

"Determining the Food Benefits Household"

- Objectives-Participants will:
 - review the Food Benefits Technical Eligibility Requirements, what they mean and how they are verified;
 - identify irregular household members, non-household members, ineligible members and excluded members;
 - determine persons who must be included in a given Food Benefits case and those who may be allowed separate household status;
 - list and code Food Benefits household members correctly on the KAMES system.
- Exercises-Participants will study documents and policy related to Technical Eligibility Requirements, complete a work page answering practical questions, and complete a learning activity on BlackBoard.

"Determining a Categorically Eligible Household"

- Objectives-Participants will be able to:
 - determine a categorically eligible household;
 - indicate to the KAMES system that a household is categorically eligible.
- Exercises-Participants will study related policy and respond to questions on a workpage.

"Designating an Authorized Representative"

- Objectives-Participants will be able to:
 - elaborate on the requirements for a Food Benefits interview;
 - appraise when an alternate interview is appropriated;
 - apply policy on who may and may not be a representative;
 - utilize policy on authorized representatives to guide a client in designating a person.
- Exercises-Participants will, having observed the designation of an authorized representative during a client interview, study related policy and respond to questions on a workpage.

"Determining Work Registration/ABAWD Exemptions and Target Codes"

- Objectives-Participants will be able to:
 - apply Work Registration and ABAWD requirements and related exemptions to adult Food Benefits case household members;
 - apply correct target codes.
- Exercises-Participants will complete learning activities related to policy, examine related forms, study related documents, and complete an extensive workpage.

"Considering Resources"

- Objectives-Participants will be able to:
 - determine resource limits for specific households;
 - determine disqualification periods based on value of transferred resources;
 - determine countable resources, excluded resources, and resources that may or may not be counted.
- Exercises-Participants will review related policy, complete a short workpage, and complete a learning activity on BlackBoard.

"Considering Income"

- Objectives-Participants will be able to:
 - apply the maximum and net allowable income standards to a household;
 - differentiate between excluded income, countable earned income, and countable unearned income.
- Exercises-Participants will review the Eligibility Tables on KAMES, study related policy, share questions with mentor/supervisor and complete a learning exercise on BlackBoard.

"Introducing Deductions"

- Objectives-Participants will be able to:
 - explain the 7 deductions allowed in the Food Benefits program;
 - explain to a client non-deductible expenses;
 - determine whether a client is eligible for the specific deductions covered in this session;
 - explain to a client the required verification for these deductions and use the verification correctly;
 - integrate Food Benefits policy concerning these deductions into a client's case.
- Exercises-Participants will write out or voice to a mentor/supervisor explanations to a client, study related documents, answer questions on a workpage and complete a learning activity.

"Considering Shelter Deductions"

- Objectives-Participants will be able to:
 - distinguish between allowable and non-allowable shelter deductions;

- budget allowable shelter deductions;
- explain how and when shelter deductions should be verified;
- determine eligibility for SUA/BUA and explain client's choices for the shelter deduction, and document the case record adequately.
- Exercises-Participants will study related policy, summarize information and answer questions on workpages, participate in a BlackBoard chat room and complete a learning activity.

"Documenting the Case Record"

- Objectives-Participants will:
 - develop with their supervisor the "Comments" outline preferred in the local office;
 - bring this outline to follow in cases practices in Lab 1;
 - be able to document a case record thoroughly and accurately.
- Exercises-Participants will study related documents, answer questions on a workpage, consult with their supervisor on preferred outline and format of case "Comments", review and analyze case comments in 5 cases.

B. Lab Part I

Focus will be on practical application of policy while practicing interviewing and making entries on the KAMES system. Accommodation will be made to needs and interests of participants, while assuring that all foundational elements are covered.

"Introducing the Session"

- covers logistics, expectations, overview, and extensive review of material studied during Field Based Learning 1.

"Practicing Interviewing"

- Objectives-Participants will be able to conduct an effective food benefits interview.
- Exercises-Participants will complete 2 rounds of Interviewing role play, alternating as worker and client.

"Providing Expedited Services"

- Objectives-Participants will be able to:
 - determine expedited criteria;
 - apply expedited criteria;
 - explain required verification and certification period to client;
 - schedule expedited Recert appropriately.
- Exercises-Participants will discuss related policy and documents and put one or more expedited applications onto the KAMES system while trainer models how to ask questions and emphasizes HH composition, work registration and resources.

"Taking an Application"

- Objectives-Participants will be able to:
 - enter an application onto the KAMES system;

- obtain needed information from a client interview;
 - assign an authorized representative to the case;
 - list and code HH members correctly;
 - complete client entries on shelter screens correctly;
 - assign correct target codes to adult HH members;
 - complete client entries on income screens correctly;
 - identify KAMES trigger questions;
 - document case sufficiently with client-stated information;
 - utilize appropriate forms;
 - integrate relevant Food Benefits policy into an application.
- Exercises-Participants will enter an application with no verification on KAMES using the case situation obtained during the "Practicing Interviewing" session. Trainer will walk participants through the screens, focusing on questions to apply related policy, leading discussions on related forms and putting together a case record.

"Working an Application"

- Objectives-Participants will be able to:-complete an FS-103, doing manual calculations to determine the benefit allotment;
 - enter verification correctly into a pending application;
 - complete shelter and income and resource screens correctly;
 - document verification;
 - integrate relevant Food Benefits policy into a client's case.
- Exercises-Participants will examine provided verification, review form FS-103, complete manual calculations for their case, and check each other's work for accuracy. Using the verification, they will complete the shelter screens, and determine representative income, applying correct "same-for" lines and calculation codes. Trainer will provide examples of and lead discussion of entering each type of unearned income. Participants will complete resource screens and case "Comments".

"Recertifying a Household"

- Objectives-Participants will be able to;-process a recertification on KAMES;
 - explain to a client the verification needed to determine ongoing eligibility for benefits;
 - apply correct policy and procedures related to recertification of a client's case.
- Exercises-Participants will review policy on recertification, and using the expedited case from Day 1 of this Lab, alternate screens in the role of worker and client, while interviewing and entering information in their cases. Participants will develop their own verification and work at their own pace, asking questions for clarification. They will check their own work by completing manual calculations on their case and document their actions. They will also discuss time standards and opportunities to continue to provide comprehensive services.

Participants will be given assignments for following week and encouraged to

explore any covered topics they are unsure about. The remainder of the day will be spent in developing and practicing applications.

C. Module II

Participants may work on these lessons at their own pace as long as all material is covered before Lab 2. Because the amount of material to be covered is less this week, there should be time for participants to take applications or a few scheduled recerts. We want them to have opportunities to practice what they have already learned and to be introduced to procedures they will cover in Lab 2.

"Conducting the Up-front Assessment"

- Objectives-Participants will be able to:-complete an up-front assessment and related forms in Lab 2 and on the job;
-determine number of hours each non-exempt ABAWD will be required to do volunteer work to remain in compliance with ABAWD requirements.
- Exercises-Participants will cover the procedures followed in active ETP counties as part of the application process when non-exempt ABAWDs are in the client's HH. Related forms will be examined, with special emphasis placed on the form FSET-614. Participants will learn to read and explain form FS-500.1 and complete a "WEP Hours" activity. If working in active ETP counties, participants will be asked to observe an up-front assessment and how an ETP case record is composed.

"Identifying Eligible Students"

- Objectives-Participants will be able to:-identify eligible students as defined in the Food Benefits program;
-explain eligibility requirements to a student applicant.
- Exercises-Participants will review related policy, answering questions on a work page. They will consider excluded income and budgeting countable income and will be introduced to form PAFS-124. Related procedures will be practiced in Lab 2. Participants are encouraged to observe an application containing a "student" if possible.

"Explaining EBT"

- Objectives-Participants will be able to:-explain the use of an EBT card to a client and how to respond to problems;
-explain to a new client what uses for Food Benefits are allowed;
-use inquiry functions to ascertain status of client's card and benefits.
- Exercises-Participants will complete a guided study of material related to EBT, complete a learning activity related to food benefits uses, and write out their own explanation of information client will need to know to use the EBT card to access their benefits.

"Considering the Homeless Deduction"

- Objectives-Participants will be able to:-define homelessness per Food Benefits policy;
 - identify homeless households;
 - apply the homeless standard allowance;
 - explain to a homeless client their shelter allowance options;
 - assist a homeless client in choosing the best available shelter allowance for their case.
- Exercises-Participants will review materials consolidating policy on "homeless households", answering questions on a work page. They will complete form FS-103, considering all 3 shelter options for a given household to determine which option is most beneficial for the client. If time and opportunity exist, the participants could study the material and then answer the questions verbally to their mentor or supervisor.

"Acting on Changes"

- Objectives-Participants will be able to:-explain to clients their responsibilities related to reporting changes timely;
 - document the case record correctly related to explanation of reporting requirements and processing of changes;
 - distinguish between reporting requirements for households with earned income and those without earned income;
 - act on reported changes timely, demonstrating understanding of effects of "10-10-10";
 - share change reports with related workers and follow up with available verification.
- Exercises-Participants will review related policy, answering questions and summarizing information on a work page, review material covered on the Hearing process from the Intro packet, observe a tenured worker handling case changes and having written out in their own words an explanation to client covering the information they need to know, practice sharing the explanation with a mentor or co-worker.

"Providing Supplementals"

- Objectives-Participants will be able to:-explain the limited number of changes that could result in a Food Benefits household qualifying for a benefits supplemental;
 - apply time frames for an appropriate supplemental;
 - determine whether the KAMES system has issued a supplemental correctly and, if not, manually issue one.
- Exercises-Participants will review related policy and support materials, answering questions on a work page. They will complete a learning activity related to issuing supplementals.

"Identifying Claims"

- Objectives-Participants will be able to:-identify potential claims due to

- overissuance from client or worker error;
- complete form PAFS-431, claim referral;
- understand the process for working claims in the local office.

- Exercises-Participants will review related policy and support materials, answering questions on a work page and listing the steps taken with a claim has occurred. They will study a sample completed form PAFS-431, discussing any questions with their mentor or supervisor. They will be asked to review an active claims case file and determine how the claims process is conducted in their local office.

D. Lab Part II

Instruction will be participant-focused, covering those policy and procedure items that have not been previously addressed, but allowing time to address any program-related concerns that have arisen over the past weeks.

"Considering Self-employment and Farm Income"

- Objectives-Participants will be able to:-identify self-employment income;
 - explain needed verification to a client;
 - consider verification for allowable deductions;
 - enter self-employment/farm income onto the KAMES system correctly.
- Exercises-Participants will discuss related policy and support materials, including verification of regular and irregular income. They will examine annotated lines on tax forms, Schedules C and F, and working in pairs, use sample completed tax forms to interview each other and complete a self-employment/farm income case. Trainer will walk with participants through specific entries on related screens.

"Considering Student Income and Expenses"

- Objectives-Participants will be able to:-extract information from form PAFS-124 to determine student eligibility and income/expenses;
 - complete student income and expenses screens correctly on KAMES;
 - document the case record sufficiently related to student circumstances.
- Exercises-Participants will review form PAFS-124 thoroughly, and taking information from a sample form, complete student screens in an application, documenting their actions.

"Determining Medical Deductions"

- Objectives-Participants will be able to:-determine which household members are eligible for a medical deduction;
 - obtain adequate verification to calculate the allowable medical expenses;
 - correctly calculate the medical deduction;
 - make correct entries on the KAMES Medical Deduction Screen;
 - adequately document in "Comments" and the case record how the medical deduction was determined.
- Exercises-Participants will review related support materials with policy, by

answering questions on a work page and engaging in class discussions. They will complete a learning activity on medical expenses. After beginning an application, they will be given sample verification of medical expenses to use in completing the medical deduction screens. Documentation will be attempted, discussed and summarized.

"Working Case Changes"

- Objectives-Participants will be able to:-obtain all pertinent information related to a reported change, using form PAFS-126;
-enter case changes on KAMES correctly;
-explain case change time frames and how KAMES handles pending changes;
-document case changes sufficiently;
-articulate how a Food Benefits change could affect companion cases.
- Exercises-Using cases set up during Lab 1, participants will pair with each other and use inquiry to review each other's cases. Alternating roles as worker and client, they will use information distributed by the trainer to report or interview for changes, enter pending changes and then enter verification. Each category of change will be considered as it is adapted to individual cases. This lesson will probably carry over into day 3.

"Wrapping Up the Food Benefit Basic"

Sufficient time will be allotted to review all material covered and surface any concerns that have not been adequately addressed. Participants will be encouraged to express needs and create situations to be addressed as a group. Additional applications will be entered practicing more involved case situations.

V. References:

Division of Family Support Manual (n.d). Food Stamp Program, Volume II. Retrieved 3/21/07 from http://manuals.chfs.ky.gov/dcb_s_manuals/DFS/volii/voliitoc.doc

Kentucky Food Benefits (n.d.). Department for Community Based Services Training Branch. Retrieved 3/20/07 from <http://cfctraining.eku.edu/foodbenefits/>

Curriculum Change Form
(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

Part I

| | | |
|-------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------|
| (Check one) <input type="checkbox"/> New Course (Parts II, IV) | Department Name College | Anthropology, Sociology & Social Work Arts & Sciences |
| <input type="checkbox"/> Course Revision (Parts II, IV) | *Course Prefix & Number | |
| <input type="checkbox"/> Course Dropped (Part II) | *Course Title (30 characters) | |
| <input type="checkbox"/> New Program (Part III) | *Program Title | Sociology (B.A.) |
| <input checked="" type="checkbox"/> Program Revision (Part III) | (Major <u> x </u> , Option <u> </u> ; Minor <u> </u> ; or Certificate <u> </u>) | |
| <input type="checkbox"/> Program Suspended (Part III) | *Provide only the information relevant to the proposal. | |

| | | |
|-------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------------------------------------|
| Proposal Approved by: | Date | Date |
| Departmental Committee | 3/22/07 | Graduate Council* NA |
| <i>Is this a SACS Substantive Change?</i> Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | | Council on Academic Affairs |
| College Curriculum Committee | 4/16/07 | Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> 05-17-07 |
| General Education Committee* | NA | Faculty Senate** NA |
| Teacher Education Committee* | NA | Board of Regents** NA |
| | | Council on Postsecondary Edu.*** NA |

*If Applicable (Type NA if not applicable.)
**Approval needed for new, revised, or suspended programs
***Approval/Posting needed for new degree program or certificate program
****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.)
Change the number of sociology elective credit hours from 18 to 15, with a change of upper division hours required from 15 to 12.

A. 2. Effective date: (Example: Fall 2001)
Spring 2008

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)

B. The justification for this action:
We are adding a required course but do not want to raise the total number of credit hours required for students.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact:
None

Operating Expenses Impact:
None

Equipment/Physical Facility Needs:
NA

Library Resources:
NA

Part III. Recording Data for New, Revised, or Suspended Program

1. For a new program, provide the catalog description as being proposed.
2. For a revised program, provide the current program requirements using **strikethrough** for deletions and **underlines** for additions.
3. For a suspended program, provide the current program requirements as shown in catalog. List any options and/or minors affected by the program's suspension.

New or Revised* Program Text
(*Use **strikethrough** for deletions and **underlines** for additions.)

SOCIOLOGY (B.A.)
CIP Code: 45.1101.01

Major Requirements 33 hours
SOC 131, 232, 395, ~~SOC~~ 460, and 461, and 470, a minimum of three hours from SOC 420, 463, 465, 480; and ~~18-15~~ hours of sociology electives, ~~45~~ 12 of which must be upper division hours.

General Education Requirements 48 hours
Standard General Education program. Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

University Requirement 1 hour
ASO 100.

Free Electives 46 hours

Total Curriculum Requirements 128 hours

Curriculum Change Form
(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

Part I

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------|-------------|-----------------------|-------------|--|-------------|------------------------|----------|-------------------|-----|-------------------------------------------------------------------------------------------------------------------|--|-----------------------------|--|------------------------------|----------|-----------------------------------------------------------------------------------|----------|------------------------------|-----|------------------|----------|------------------------------|-----|--------------------|----------|--|--|----------------------------------|-----|
| <input type="checkbox"/> (Check one) New Course (Parts II, IV) | Department Name | Anthropology, Sociology, & Social Work | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Course Revision (Parts II, IV) | College | Arts & Sciences | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Course Dropped (Part II) | *Course Prefix & Number | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> New Program (Part III) | *Course Title <small>(30 characters)</small> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> Program Revision (Part III) | *Program Title | Social Institutions and Social Change | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Program Suspended (Part III) | *Provide only the information relevant to the proposal. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Proposal Approved by:</td> <td style="width: 20%; text-align: center;"><u>Date</u></td> <td style="width: 30%;"></td> <td style="width: 20%; text-align: center;"><u>Date</u></td> </tr> <tr> <td>Departmental Committee</td> <td style="text-align: center;">03/22/07</td> <td>Graduate Council*</td> <td style="text-align: center;">N/A</td> </tr> <tr> <td colspan="2"> <i>Is this a SACS Substantive Change? Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/></i> </td> <td>Council on Academic Affairs</td> <td></td> </tr> <tr> <td>College Curriculum Committee</td> <td style="text-align: center;">04/16/07</td> <td>Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/></td> <td style="text-align: center;">05/17/07</td> </tr> <tr> <td>General Education Committee*</td> <td style="text-align: center;">N/A</td> <td>Faculty Senate**</td> <td style="text-align: center;">09/10/07</td> </tr> <tr> <td>Teacher Education Committee*</td> <td style="text-align: center;">N/A</td> <td>Board of Regents**</td> <td style="text-align: center;">01/18/08</td> </tr> <tr> <td></td> <td></td> <td>Council on Postsecondary Edu.***</td> <td style="text-align: center;">N/A</td> </tr> </table> | | | | Proposal Approved by: | <u>Date</u> | | <u>Date</u> | Departmental Committee | 03/22/07 | Graduate Council* | N/A | <i>Is this a SACS Substantive Change? Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/></i> | | Council on Academic Affairs | | College Curriculum Committee | 04/16/07 | Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> | 05/17/07 | General Education Committee* | N/A | Faculty Senate** | 09/10/07 | Teacher Education Committee* | N/A | Board of Regents** | 01/18/08 | | | Council on Postsecondary Edu.*** | N/A |
| Proposal Approved by: | <u>Date</u> | | <u>Date</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Departmental Committee | 03/22/07 | Graduate Council* | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Is this a SACS Substantive Change? Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/></i> | | Council on Academic Affairs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| College Curriculum Committee | 04/16/07 | Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> | 05/17/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| General Education Committee* | N/A | Faculty Senate** | 09/10/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Teacher Education Committee* | N/A | Board of Regents** | 01/18/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Council on Postsecondary Edu.*** | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>*If Applicable (Type NA if not applicable.) **Approval needed for new, revised, or suspended programs ***Approval/Posting needed for new degree program or certificate program ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Completion of A, B, and C is required: (Please be specific, but concise.)

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.) Creation of a new minor in Social Institutions and Social Change.</p> <p>A. 2. Effective date: (Example: Fall 2001) Spring 2008</p> <p>A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)</p> | <p>B. The justification for this action: This minor will increase educational opportunities for students through organizing courses already within the curriculum into a coherent course of study and will compliment studies in anthropology, sociology, and social work.</p> <hr/> <p>C. The projected cost (or savings) of this proposal is as follows:</p> <p>Personnel Impact: None</p> <p>Operating Expenses Impact: None</p> <p>Equipment/Physical Facility Needs: N/A</p> <p>Library Resources: N/A</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Part III. Recording Data for New, Revised, or Suspended Program

1. For a new program, provide the catalog description as being proposed.
2. For a revised program, provide the current program requirements using ~~strike through~~ for deletions and *underlines* for additions.
3. For a suspended program, provide the current program requirements as shown in catalog. List any options and/or minors affected by the program's suspension.

New or Revised* Program Text
(*Use ~~strike through~~ for deletions and underlines for additions.)

Minor in Social Institutions and Social Change

A student may minor in Social Institutions and Social Change by taking a minimum of 18 hours as follows:

SOC 131, 345, 420, 480; and six hours from: ANT 200, CRJ 350, GEO 200, 201, 202, 220, 322, 330, HIS 303, 304, 305, 308, 309, 342, 347, 350, 365, 375, 380, 383, 384, 386, 401, 402, 403, 405, 408, 411, 412, 413, 475, PHI 330, POL 220, 321, 327, 373, SOC 353, 360, 365, 370, 375, 383, 399, 400, 415, 450, 455, 465. Non-majors should complete SOC 131 prior to enrolling in upper-division SOC courses. Other electives may be approved for the minor as they are offered. Some required and elective courses may have prerequisites.

Curriculum Change Form

(Present only one proposed curriculum change per form)

(Complete only the section(s) applicable.)

Part I

| | | |
|--------------------------------------------------------------------|----------------------------------------------------------|---------------------|
| (Check one) | Department Name | Biological Sciences |
| New Course (Parts II, IV) | College | Arts and Sciences |
| <input checked="" type="checkbox"/> Course Revision (Parts II, IV) | *Course Prefix & Number | BIO 521 |
| Course Dropped (Part II) | *Course Title (30 characters) | Plant Ecology |
| New Program (Part III) | *Program Title | |
| Program Revision (Part III) | (Major ____, Option ____; Minor ____; or Certificate __) | |
| Program Suspended (Part III) | *Provide only the information relevant to the proposal. | |

| | | |
|-------------------------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------------------|
| Proposal Approved by: | Date | Date |
| Departmental Committee | 02-21-2007 | Graduate Council* |
| <i>Is this a SACS Substantive Change?</i> Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | | NA |
| College Curriculum Committee | 3/19/07 | Council on Academic Affairs |
| General Education Committee* | NA | Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> 05-17-07 |
| Teacher Education Committee* | NA | Faculty Senate** |
| | | NA |
| | | Board of Regents** |
| | | NA |
| | | Council on Postsecondary Edu.*** |
| | | NA |

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.)
 Title revision from Plant Ecology to Forest Ecology, revision to a lab-based course, increase in credit hours for BIO 521 from 3 to 4.

A. 2. Effective date: (Example: Fall 2001)
 Spring 2008

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)
 NA

B. The justification for this action:

Three parts: **A)** new faculty member instructing this course with a stronger emphasis on forests, **B)** desired to be a lab-based course by the department for some time and **C)** lab will allow students to collect primary data that has the potential to be presented at regional meetings and, given repeated offerings, development of data sets that will be publishable.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact: No change in cost for personnel expected.

Operating Expenses Impact: Combined with the loss of university vans, the expected increase in operating expenses will not be trivial. The course budget for Fall 2006 was \$800. With van rentals nearly double university van costs, it is expected that operating expenses may approach \$1,200 to \$1,600 depending on future rental rates.

Equipment/Physical Facility Needs: None

Library Resources: None

Part IV. Recording Data for New or Revised Course (Record only new or changed course information.)

| | | | | |
|---------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Course prefix (3 letters) BIO | Course Number (3 Digits) 521 | Effective Term (Example: Fall 2001) Spring 2008 | College/Division: AS <input checked="" type="checkbox"/> JS _____ BT _____ EM _____ ED _____ PC _____ HS _____ | Dept. (4 letters)* BIOS |
| Credit Hrs. 4 | Weekly Contact Hrs. Lecture <u>2</u> Laboratory <u>4</u> Other _____ | | Repeatable Maximum No. of Hrs. _____ | |
| Schedule Type* (List all applicable) 1 2 | Work Load (for each schedule type) 2 3 | Grading Mode* | Cip Code (first two digits only) FR _____ JR _____ SO _____ SR _____ | |
| | | Grading Information: Course is eligible for IP (in-progress grading) for: <u>Check all applicable</u> | FOR BANNER USE ONLY Date of data entry _____ Data entry person _____ | |
| | | Thesis _____ | | |
| | | Internship _____ | | |
| | | Independent Study _____ | | |
| | | Practicum _____ | | |

Co-Requisites and Prerequisites

Co-Requisite(s): (List only co-requisites. See below for prerequisites and combinations.)

Course Prefix and No. _____

Course Prefix and No. _____

Prerequisite(s): (List prerequisites only. List combinations below. Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

Course Prefix and No. BIO 131 [~~General Botany~~] and BIO 316 or BIO 335 [~~Plant Systematics~~], or instructor departmental approval

Course Prefix and No. _____

Test Scores _____

Minimum GPA (when a course grouping or student cumulative GPA is required) _____

Co-Requisite(s) and/or Prerequisite(s) Combination (Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

Course Prefix and No. _____

Test Scores _____

Minimum GPA (when a course grouping or student cumulative GPA is required) _____

Equivalent Course(s): (credit not allowed with; or formerly:)

Course Prefix and No. _____

Course Prefix and No. _____

Course Prefix and No. _____

Proposed General Education Block: Please mark (X) in the appropriate Block or Blocks (e.g. – IVB(3) X).

| Block I (9) | Block II (3) | Block III (6) | Block IV (6) | Block V (9) | Block VI (3) | Block VII (6) | Block VIII (6) |
|-------------|--------------|---------------|--------------|-------------|--------------|---------------|----------------|
| IA (3) | II (3) | IIIA (3) | IVA (3) | VA (3) | VI (3) | VII (3) | VIII (3) |
| IB (3) | | IIIB (3) | IVB (3) | VB (3) | | VII (3) | VIII (3) |
| IC (3) | | | | VC (3) | | | |

NOTE: Do not forward validation tables with curriculum form.

(*Use Validation Tables.)

Curriculum Change Form

(Present only one proposed curriculum change per form)

(Complete only the section(s) applicable.)

Part I

| | | |
|--------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------|
| <input type="checkbox"/> (Check one) New Course (Parts II, IV) | Department Name Biological Sciences | College Arts and Sciences |
| <input checked="" type="checkbox"/> Course Revision (Parts II, IV) | *Course Prefix & Number BIO 721 | |
| <input type="checkbox"/> Course Dropped (Part II) | *Course Title (30 characters) Plant Ecology | |
| <input type="checkbox"/> New Program (Part III) | *Program Title (Major ____, Option ____; Minor ____; or Certificate ____) | |
| <input type="checkbox"/> Program Revision (Part III) | | |
| <input type="checkbox"/> Program Suspended (Part III) | *Provide only the information relevant to the proposal. | |

| | | |
|------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------------|
| Proposal Approved by: Departmental Committee | Date 02-21-2007 | Date 5/4/07 |
| Is this a SACS Substantive Change? Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | Graduate Council* | |
| College Curriculum Committee | 3/19/07 | Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> 05-17-07 |
| General Education Committee* | NA | Faculty Senate** |
| Teacher Education Committee* | NA | Board of Regents** |
| | | Council on Postsecondary Edu.*** |

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.)
 Title revision from Plant Ecology to Forest Ecology, revision to a lab-based course, increase in credit hours for BIO 721 from 3 to 4.

A. 2. Effective date: (Example: Fall 2001)
 Spring 2008

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)
 NA

B. The justification for this action: Three parts: **A)** new faculty member instructing this course with a stronger emphasis on forests, **B)** desired to be a lab-based course by the department for some time and **C)** lab will allow students to collect primary data that has the potential to be presented at regional meetings and, given repeated offerings, development of data sets that will be publishable.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact: No change in cost for personnel expected.

Operating Expenses Impact: Combined with the loss of university vans, the expected increase in operating expenses will not be trivial. The course budget for Fall 2006 was \$800. With van rentals nearly double university van costs, it is expected that operating expenses may approach \$1,200 to \$1,600 depending on future rental rates.

Equipment/Physical Facility Needs: None

Library Resources: None

Part II. Recording Data for New, Revised, or Dropped Course

(For a new required course, complete a separate request for the appropriate program revisions.)

1. For a new course, provide the catalog text.
2. For a revised course, provide the current catalog text with the proposed text using strikethrough for deletions and underlines for additions.
3. For a dropped course, provide the current catalog text.

New or Revised* Catalog Text

(*Use strikethrough for deletions and underlines for additions. Also include Crs. Prefix, No., and description, limited to 35 words.)

BIO 721 Plant Forest Ecology. (3 4) A. Prerequisites: BIO 131 [~~General Botany~~] and BIO 316 or BIO 335 [~~Plant Systematics~~], or instructor departmental approval. Ecological concepts and principles relevant to eastern plant populations and communities, trees and ecosystems. Emphasis on flora and vegetation of eastern United States, with Required weekend labs and fall break field trip. Southern Appalachians. 3 2 lec/4 lab. Offered spring of odd-numbered years.

Part IV. Recording Data for New or Revised Course (Record only new or changed course information.)

| | | | | |
|-----------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------|
| Course prefix (3 letters) | Course Number (3 Digits) | Effective Term (Example: Fall 2001) | College/Division: | Dept. (4 letters)* |
| BIO | 721 | Spring 2008 | AS <input checked="" type="checkbox"/> JS _____ BT _____ EM _____ ED _____ PC _____ HS _____ | BIOS |
| Credit Hrs. | Weekly Contact Hrs. | | Repeatable Maximum No. of Hrs. _____ | |
| 4 | Lecture <u>2</u> Laboratory <u>4</u> Other _____ | | Cip Code (first two digits only) | |
| Schedule Type* (List all applicable) | Work Load (for each schedule type) | Grading Mode* | Class Restriction, if any: (undergraduate only) | |
| 1 | 2 | | FR _____ | JR _____ |
| 2 | 3 | | SO _____ | SR _____ |
| | | Grading Information: Course is eligible for IP (in-progress grading) for: <u>Check all applicable</u> | FOR BANNER USE ONLY Date of data entry _____ Data entry person _____ | |
| | | Thesis _____ | | |
| | | Internship _____ | | |
| | | Independent Study _____ | | |
| | | Practicum _____ | | |

Co-Requisites and Prerequisites

Co-Requisite(s): (List only co-requisites. See below for prerequisites and combinations.)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |

Prerequisite(s): (List prerequisites only. List combinations below. Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Course Prefix and No. | BIO 131 [General Botany] and BIO 316 or BIO 335 [Plant Systematics], or instructor <u>departmental</u> approval |
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Co-Requisite(s) and/or Prerequisite(s) Combination (Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Equivalent Course(s): (credit not allowed with; or formerly:)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |
| Course Prefix and No. | |

Proposed General Education Block: Please mark (X) in the appropriate Block or Blocks (e.g. – IVB(3) X).

| Block I (9) | Block II (3) | Block III (6) | Block IV (6) | Block V (9) | Block VI (3) | Block VII (6) | Block VIII (6) |
|-------------|--------------|---------------|--------------|-------------|--------------|---------------|----------------|
| IA (3) | II (3) | IIIA (3) | IVA (3) | VA (3) | VI (3) | VII (3) | VIII (3) |
| IB (3) | | IIIB (3) | IVB (3) | VB (3) | | VII (3) | VIII (3) |
| IC (3) | | | | VC (3) | | | |

NOTE: Do not forward validation tables with curriculum form.

(*Use Validation Tables.)

Curriculum Change Form
(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

Part I

| | | |
|---------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------|
| (Check one) | Department Name | Biological Sciences |
| <input checked="" type="checkbox"/> New Course (Parts II, IV) | College | Arts and Sciences |
| <input type="checkbox"/> Course Revision (Parts II, IV) | *Course Prefix & Number | BIO 533 |
| <input type="checkbox"/> Course Dropped (Part II) | *Course Title (30 characters) | Bioinformatics: Principles and Applications |
| <input type="checkbox"/> New Program (Part III) | *Program Title | |
| <input type="checkbox"/> Program Revision (Part III) | | (Major ____, Option ____, Minor ____, or Certificate __) |
| <input type="checkbox"/> Program Suspended (Part III) | *Provide only the information relevant to the proposal. | |

| | | |
|-------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------------------------------------|
| Proposal Approved by: | Date | Date |
| Departmental Committee | 2/21/07 | Graduate Council* NA |
| <i>Is this a SACS Substantive Change?</i> Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | | Council on Academic Affairs |
| College Curriculum Committee | 3/19/07 | Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> 05-17-07 |
| General Education Committee* | NA | Faculty Senate** NA |
| Teacher Education Committee* | NA | Board of Regents** NA |
| | | Council on Postsecondary Edu.*** NA |

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.)
 To approve a new course in support of the proposed Minor in Bioinformatics in the Department of Computer Science at EKU.

A. 2. Effective date: (Example: Fall 2001)
 Spring 2008

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)
 NA

B. The justification for this action: The Department of Computer Science is revising their curriculum to better meet the needs of the undergraduate population. One recent action has been the proposed addition of an undergraduate Minor in Bioinformatics, to meet the demand for trained professionals in this rapidly developing field. Concomitantly, Bioinformatics is now offered as a 3 week module in our BIO 511/711 course. This amount of time has proven to be woefully inadequate for any effort other than a preliminary overview of the field. As Bioinformatics is becoming a mainstay field in support of a number of investigations in both the computer and life sciences (e.g. biomedical science, evolutionary and population biology, systematics and classification) it is essential that our students, both in Computer Science and in the Life Sciences, be provided with an appropriate training experience in this rapidly developing field.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact: One faculty member will be required to teach the course. At present the anticipation is once a year, either Fall or Spring semester.

Operating Expenses Impact: None.

Equipment/Physical Facility Needs: The Computer labs in the Combs building will be utilized for group instruction. Students will utilize computer labs for their assigned activities.

Library Resources: Computer labs will be utilized in the Library as well.

Part II. Recording Data for New, Revised, or Dropped Course

(For a new required course, complete a separate request for the appropriate program revisions.)

1. For a new course, provide the catalog text.
2. For a revised course, provide the current catalog text with the proposed text using strike through for deletions and underlines for additions.
3. For a dropped course, provide the current catalog text.

New or Revised* Catalog Text

(*Use strike through for deletions and underlines for additions. Also include Crs. Prefix, No., and description, limited to 35 words.)

BIO 533 Bioinformatics: Principles & Applications. (3) II. Prerequisite: BIO 315. An exposure to the theory and practice of bioinformatics, as they relate to laboratory (Cell and Molecular Biology, Biochemistry) and field (Evolutionary and Population Biology) research applications in the life sciences. Discussion and utilization of the prevalent approaches and methodologies currently used in Bioinformatics.

Part IV. Recording Data for New or Revised Course (Record only new or changed course information.)

| | | | | |
|-----------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------|
| Course prefix (3 letters) | Course Number (3 Digits) | Effective Term (Example: Fall 2001) | College/Division: | Dept. (4 letters)* |
| BIO | 533 | Spring 2008 | AS <input checked="" type="checkbox"/> JS _____ BT _____ EM _____ ED _____ PC _____ HS _____ | BIOS |
| Credit Hrs. | Weekly Contact Hrs. | | Repeatable Maximum No. of Hrs. _____ | |
| 3 | Lecture <u>3</u> Laboratory _____ Other _____ | | Cip Code (first two digits only) | |
| Schedule Type* (List all applicable) | Work Load (for each schedule type) | Grading Mode* | Class Restriction, if any: (undergraduate only) | |
| 1 | 3 | N | FR _____ JR _____ SO _____ SR _____ | |
| | | | FOR BANNER USE ONLY | |
| | | Grading Information: Course is eligible for IP (in-progress grading) for: <u>Check all applicable</u> | | |
| | | Thesis _____ | | |
| | | Internship _____ | | |
| | | Independent Study _____ Practicum _____ | | |
| | | | Date of data entry _____ | |
| | | | Data entry person _____ | |

Co-Requisites and Prerequisites

Co-Requisite(s): (List only co-requisites. See below for prerequisites and combinations.)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |

Prerequisite(s): (List prerequisites only. List combinations below. Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|---------|
| Course Prefix and No. | BIO 315 |
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Co-Requisite(s) and/or Prerequisite(s) Combination (Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Equivalent Course(s): (credit not allowed with; or formerly:)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |
| Course Prefix and No. | |

Proposed General Education Block: Please mark (X) in the appropriate Block or Blocks (e.g. – IVB(3) X).

| Block I (9) | Block II (3) | Block III (6) | Block IV (6) | Block V (9) | Block VI (3) | Block VII (6) | Block VIII (6) |
|-------------|--------------|---------------|--------------|-------------|--------------|---------------|----------------|
| IA (3) | II (3) | IIIA (3) | IVA (3) | VA (3) | VI (3) | VII (3) | VIII (3) |
| IB (3) | | IIIB (3) | IVB (3) | VB (3) | | VII (3) | VIII (3) |
| IC (3) | | | | VC (3) | | | |

NOTE: Do not forward validation tables with curriculum form.

(*Use Validation Tables.)

Curriculum Change Form
(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

Part I

| | | |
|---------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------|
| (Check one) | Department Name | Biological Sciences |
| <input checked="" type="checkbox"/> New Course (Parts II, IV) | College | Arts and Sciences |
| <input type="checkbox"/> Course Revision (Parts II, IV) | *Course Prefix & Number | BIO 733 |
| <input type="checkbox"/> Course Dropped (Part II) | *Course Title (30 characters) | Bioinformatics: Principles and Applications |
| <input type="checkbox"/> New Program (Part III) | *Program Title | |
| <input type="checkbox"/> Program Revision (Part III) | | (Major ____, Option ____, Minor ____, or Certificate ____) |
| <input type="checkbox"/> Program Suspended (Part III) | *Provide only the information relevant to the proposal. | |

| | | |
|-------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Proposal Approved by: | Date | Date |
| Departmental Committee | 2/21/07 | Graduate Council* |
| | | 5/4/07 |
| <i>Is this a SACS Substantive Change?</i> | Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | Council on Academic Affairs |
| College Curriculum Committee | 3/19/07 | Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> |
| General Education Committee* | NA | 05-17-07 |
| Teacher Education Committee* | NA | Faculty Senate** |
| | | NA |
| | | Board of Regents** |
| | | NA |
| | | Council on Postsecondary Edu.*** |
| | | NA |

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.)
 To approve a new course in support of the proposed Minor in Bioinformatics in the Department of Computer Science at EKU.

A. 2. Effective date: (Example: Fall 2001)
 Spring 2008

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)
 NA

B. The justification for this action: The Department of Computer Science is revising their curriculum to better meet the needs of the undergraduate population. One recent action has been the proposed addition of an undergraduate Minor in Bioinformatics, to meet the demand for trained professionals in this rapidly developing field. Concomitantly, Bioinformatics is now offered as a 3 week module in our BIO 511/711 course. This amount of time has proven to be woefully inadequate for any effort other than a preliminary overview of the field. As Bioinformatics is becoming a mainstay field in support of a number of investigations in both the computer and life sciences (e.g. biomedical science, evolutionary and population biology, systematics and classification) it is essential that our students, both in Computer Science and in the Life Sciences, be provided with an appropriate training experience in this rapidly developing field.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact: One faculty member will be required to teach the course. At present the anticipation is once a year, either Fall or Spring semester.

Operating Expenses Impact: None.

Equipment/Physical Facility Needs: The Computer labs in the Combs building will be utilized for group instruction. Students will utilize computer labs for their assigned activities.

Library Resources: Computer labs will be utilized in the Library as well.

Part II. Recording Data for New, Revised, or Dropped Course

(For a new required course, complete a separate request for the appropriate program revisions.)

1. For a new course, provide the catalog text.
2. For a revised course, provide the current catalog text with the proposed text using strikethrough for deletions and underlines for additions.
3. For a dropped course, provide the current catalog text.

New or Revised* Catalog Text

(*Use strikethrough for deletions and underlines for additions. Also include Crs. Prefix, No., and description, limited to 35 words.)

BIO 733 Bioinformatics: Principles & Applications. (3 II. Prerequisite: BIO 315. An exposure to the theory and practice of bioinformatics, as they relate to laboratory (Cell and Molecular Biology, Biochemistry) and field (Evolutionary and Population Biology) research applications in the life sciences. Discussion and utilization of the prevalent approaches and methodologies currently used in Bioinformatics.

| | | | |
|-----------------------------|-----------------------------|------------------------------|--------------------|
| Department Name | Department | College | Faculty |
| Graduate Council | Graduate Council | College of Arts and Sciences | Faculty of Biology |
| Council on Academic Affairs | Council on Academic Affairs | College of Arts and Sciences | Faculty of Biology |
| Approved | Approved | College of Arts and Sciences | Faculty of Biology |
| NA | NA | College of Arts and Sciences | Faculty of Biology |
| NA | NA | College of Arts and Sciences | Faculty of Biology |
| NA | NA | College of Arts and Sciences | Faculty of Biology |

A. Specific course description: (Example: provide the number of credit hours for each course)

To provide a new course in support of the proposed Master of Science in the Department of Computer Science

A.3. Effective date: (Example: 1/2009)

A.4. Effective date of program change: (Example: 1/2009)

B. The justification for this course: The Department of Computer Science is seeking to provide a new course in support of the proposed Master of Science in the Department of Computer Science. The course will be a 3-credit course in the field of bioinformatics. The course will provide a comprehensive overview of the field of bioinformatics and its applications in the life sciences. The course will be a required course for the proposed Master of Science in the Department of Computer Science. The course will be a 3-credit course in the field of bioinformatics. The course will provide a comprehensive overview of the field of bioinformatics and its applications in the life sciences. The course will be a required course for the proposed Master of Science in the Department of Computer Science.

C. The projected cost for each part of the proposal is as follows:

Personnel Impact: One faculty member will be required to teach the course. At present the workload is one a year, either Fall or Spring semester.

Operating Expense Impact: None.

Physical Facility Impact: None. The course will be taught in the existing building. The course will be a 3-credit course in the field of bioinformatics. The course will provide a comprehensive overview of the field of bioinformatics and its applications in the life sciences. The course will be a required course for the proposed Master of Science in the Department of Computer Science.

Part IV. Recording Data for New or Revised Course (Record only **new** or **changed** course information.)

| | | | | |
|-----------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------|
| Course prefix (3 letters) | Course Number (3 Digits) | Effective Term (Example: Fall 2001) | College/Division: | Dept. (4 letters)* |
| BIO | 733 | Spring 2008 | AS <input checked="" type="checkbox"/> JS _____ BT _____ EM _____ ED _____ PC _____ HS _____ | BIOS |
| Credit Hrs. | Weekly Contact Hrs. | | Repeatable Maximum No. of Hrs. 3 | |
| 3 | Lecture <u>3</u> Laboratory _____ Other _____ | | Cip Code (first two digits only) | |
| Schedule Type* (List all applicable) | Work Load (for each schedule type) | Grading Mode* | Class Restriction, if any: (undergraduate only) | |
| 1 | 3 | N | FR _____ JR _____ SO _____ SR _____ | |
| | | | FOR BANNER USE ONLY | |
| | | Grading Information: Course is eligible for IP (in-progress grading) for: <u>Check all applicable</u> | | |
| | | Thesis _____ | | |
| | | Internship _____ | | |
| | | Independent Study _____ Practicum _____ | | |
| | | | Date of data entry _____ | |
| | | | Data entry person _____ | |

Co-Requisites and Prerequisites

Co-Requisite(s): (List only co-requisites. See below for prerequisites and combinations.)

Course Prefix and No.

Course Prefix and No.

Prerequisite(s): (List prerequisites only. List combinations below. Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

Course Prefix and No.

BIO 315

Course Prefix and No.

Test Scores

Minimum GPA (when a course grouping or student cumulative GPA is required)

Co-Requisite(s) and/or Prerequisite(s) Combination (Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

Course Prefix and No.

Test Scores

Minimum GPA (when a course grouping or student cumulative GPA is required)

Equivalent Course(s): (credit not allowed with; or formerly:)

Course Prefix and No.

Course Prefix and No.

Course Prefix and No.

Proposed General Education Block: Please mark (X) in the appropriate Block or Blocks (e.g. – IVB(3) X).

| Block I (9) | Block II (3) | Block III (6) | Block IV (6) | Block V (9) | Block VI (3) | Block VII (6) | Block VIII (6) |
|-------------|--------------|---------------|--------------|-------------|--------------|---------------|----------------|
| IA (3) | II (3) | IIIA (3) | IVA (3) | VA (3) | VI (3) | VII (3) | VIII (3) |
| IB (3) | | IIIB (3) | IVB (3) | VB (3) | | VII (3) | VIII (3) |
| IC (3) | | | | VC (3) | | | |

NOTE: Do not forward validation tables with curriculum form.

(*Use Validation Tables.)

Curriculum Change Form
(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

Part I

| | | |
|--------------------------------------------------------------------|----------------------------------------------------------|----------------------|
| (Check one) | Department Name | Computer Science |
| <input type="checkbox"/> New Course (Parts II, IV) | College | Arts & Sciences |
| <input checked="" type="checkbox"/> Course Revision (Parts II, IV) | *Course Prefix & Number | CSC 550 |
| <input type="checkbox"/> Course Dropped (Part II) | *Course Title (30 characters) | Graphics Programming |
| <input type="checkbox"/> New Program (Part III) | *Program Title | |
| <input type="checkbox"/> Program Revision (Part III) | (Major ____, Option ____, Minor ____, or Certificate __) | |
| <input type="checkbox"/> Program Suspended (Part III) | *Provide only the information relevant to the proposal. | |

| | | |
|-------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Proposal Approved by: | <u>Date</u> | |
| Departmental Committee | 2/28/07 | Graduate Council* |
| <i>Is this a SACS Substantive Change?</i> | Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | Council on Academic Affairs |
| College Curriculum Committee | 3/19/07 | Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> |
| General Education Committee* | NA | 05-17-07 |
| Teacher Education Committee* | NA | Faculty Senate** |
| | | Board of Regents** |
| | | Council on Postsecondary Edu.*** |
| | | NA |

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

| | |
|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| A. 1. Specific action requested: | Modify prerequisites, and course description. |
| A. 2. Effective date: (Example: Fall 2001) | Spring 2008 |
| A. 3. Effective date of suspended programs for currently enrolled students: (if applicable) | |
| B. The justification for this action: | Revise the course to better fit the Interactive Media Option. |
| C. The projected cost (or savings) of this proposal is as follows: | |
| Personnel Impact: | None |
| Operating Expenses Impact: | None |
| Equipment/Physical Facility Needs: | None |
| Library Resources: | None |

Part II. Recording Data for New, Revised, or Dropped Course

(For a new required course, complete a separate request for the appropriate program revisions.)

1. For a new course, provide the catalog text.
2. For a revised course, provide the current catalog text with the proposed text using strikethrough for deletions and underlines for additions.
3. For a dropped course, provide the current catalog text.

New or Revised* Catalog Text

(*Use strikethrough for deletions and underlines for additions. Also include Crs. Prefix, No., and description, limited to 35 words.)

CSC 550 Graphics Programming (3) A. Prerequisites: MAT 224 or 224H, 214; CSC 312 and 320 ~~CSC 310 and one of MAT 124, 124H, 211, or 261.~~ Drawing graphic primitives (lines, circles, etc.), filling and transforming graphic objects, clipping, representing curves (splines, fractals), representing 3D objects, projection, visible-surface detection, 3D transformations. 3-D geometry, model transformation, matrices, computer algorithms and protocols, texture mapping, camera control, and collision detection.

Part IV. Recording Data for New or Revised Course (Record only new or changed course information.)

| | | | | |
|-----------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Course prefix (3 letters) CSC | Course Number (3 Digits) 550 | Effective Term (Example: Fall 2001) Spring 2008 | College/Division: AS <input checked="" type="checkbox"/> JS _____ BT _____ EM _____ ED _____ PC _____ HS _____ | Dept. (4 letters)* COSC |
| Credit Hrs. | Weekly Contact Hrs. Lecture _____ Laboratory _____ Other _____ | | Repeatable Maximum No. of Hrs. _____ | |
| Schedule Type* (List all applicable) | Work Load (for each schedule type) | Grading Mode* | Cip Code (first two digits only) Class Restriction, if any: (undergraduate only) FR _____ JR _____ SO _____ SR _____ | |
| | | Grading Information: Course is eligible for IP (in-progress grading) for: <u>Check all applicable</u> | FOR BANNER USE ONLY Date of data entry _____ Data entry person _____ | |
| | | Thesis _____ | | |
| | | Internship _____ | | |
| | | Independent Study _____ | | |
| | | Practicum _____ | | |

Co-Requisites and Prerequisites

Co-Requisite(s): (List only co-requisites. See below for prerequisites and combinations.)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |

Prerequisite(s): (List prerequisites only. List combinations below. Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Course Prefix and No. | MAT 224 or 224H, 214; CSC 312 and 320 <u>CSC 310 and one of MAT 124, 124H, 211, or 261</u> |
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Co-Requisite(s) and/or Prerequisite(s) Combination (Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Equivalent Course(s): (credit not allowed with; or formerly:)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |
| Course Prefix and No. | |

Proposed General Education Block: Please mark (X) in the appropriate Block or Blocks (e.g. – IVB(3) X).

| Block I (9) | Block II (3) | Block III (6) | Block IV (6) | Block V (9) | Block VI (3) | Block VII (6) | Block VIII (6) |
|-------------|--------------|---------------|--------------|-------------|--------------|---------------|----------------|
| IA (3) | II (3) | IIIA (3) | IVA (3) | VA (3) | VI (3) | VII (3) | VIII (3) |
| IB (3) | | IIIB (3) | IVB (3) | VB (3) | | VII (3) | VIII (3) |
| IC (3) | | | | VC (3) | | | |

NOTE: Do not forward validation tables with curriculum form.

(*Use Validation Tables.)

Curriculum Change Form
(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

Part I

| | | |
|--------------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------|
| (Check one) | Department Name | Computer Science |
| <input type="checkbox"/> New Course (Parts II, IV) | College | Arts & Sciences |
| <input checked="" type="checkbox"/> Course Revision (Parts II, IV) | *Course Prefix & Number | CSC 750 |
| <input type="checkbox"/> Course Dropped (Part II) | *Course Title (30 characters) | Graphics Programming |
| <input type="checkbox"/> New Program (Part III) | *Program Title | |
| <input type="checkbox"/> Program Revision (Part III) | | (Major ____, Option ____, Minor ____, or Certificate ____) |
| <input type="checkbox"/> Program Suspended (Part III) | *Provide only the information relevant to the proposal. | |

| | | |
|-------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Proposal Approved by: | Date | Date |
| Departmental Committee | 2/28/07 | Graduate Council* 5/4/07 |
| Is this a SACS Substantive Change? | Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | Council on Academic Affairs |
| College Curriculum Committee | 3/19/07 | Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> 05-17-07 |
| General Education Committee* | NA | Faculty Senate** NA |
| Teacher Education Committee* | NA | Board of Regents** NA |
| | | Council on Postsecondary Edu.*** NA |

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.)
 Modify prerequisite, and course description.

A. 2. Effective date: (Example: Fall 2001)
 Spring 2008

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)

B. The justification for this action:
 Revise the course to better fit the Interactive Media Option

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact:
 None

Operating Expenses Impact:
 None

Equipment/Physical Facility Needs:
 None

Library Resources:
 None

Part II. Recording Data for New, Revised, or Dropped Course

(For a new required course, complete a separate request for the appropriate program revisions.)

1. For a new course, provide the catalog text.
2. For a revised course, provide the current catalog text with the proposed text using strikethrough for deletions and underlines for additions.
3. For a dropped course, provide the current catalog text.

New or Revised* Catalog Text

(*Use strikethrough for deletions and underlines for additions. Also include Crs. Prefix, No., and description, limited to 35 words.)

CSC 750 Graphics Programming (3) A. Prerequisite: CSC 730, 735 or departmental approval. ~~Graphics standards. Programming for storage, modification and display of graphics data structures/bases. Realistic representation and transformation of geometric objects emphasizing interactive color raster displays. 3-D geometry, model transformation, matrices, computer algorithms and protocols, texture mapping, camera control, and collision detection.~~

Part IV. Recording Data for New or Revised Course (Record only new or changed course information.)

| | | | | |
|-----------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Course prefix (3 letters) CSC | Course Number (3 Digits) 750 | Effective Term (Example: Fall 2001) Spring 2008 | College/Division: AS <input checked="" type="checkbox"/> JS _____ BT _____ EM _____ ED _____ PC _____ HS _____ | Dept. (4 letters)* COSC |
| Credit Hrs. | Weekly Contact Hrs. Lecture _____ Laboratory _____ Other _____ | | Repeatable Maximum No. of Hrs. _____ | |
| Schedule Type* (List all applicable) | Work Load (for each schedule type) | Grading Mode* | Cip Code (first two digits only) | |
| | | | Class Restriction, if any: (undergraduate only) FR _____ JR _____ SO _____ SR _____ | |
| | | Grading Information: Course is eligible for IP (in-progress grading) for: <u>Check all applicable</u> | FOR BANNER USE ONLY Date of data entry _____ Data entry person _____ | |
| | | Thesis _____ | | |
| | | Internship _____ | | |
| | | Independent Study _____ | | |
| | | Practicum _____ | | |

Co-Requisites and Prerequisites

Co-Requisite(s): (List only co-requisites. See below for prerequisites and combinations.)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |

Prerequisite(s): (List prerequisites only. List combinations below. Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|---------------------------------------|
| Course Prefix and No. | CSC 730, 735 or departmental approval |
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Co-Requisite(s) and/or Prerequisite(s) Combination (Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Equivalent Course(s): (credit not allowed with; or formerly:)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |
| Course Prefix and No. | |

Proposed General Education Block: Please mark (X) in the appropriate Block or Blocks (e.g. – IVB(3) X).

| Block I (9) | Block II (3) | Block III (6) | Block IV (6) | Block V (9) | Block VI (3) | Block VII (6) | Block VIII (6) |
|-------------|--------------|---------------|--------------|-------------|--------------|---------------|----------------|
| IA (3) | II (3) | IIIA (3) | IVA (3) | VA (3) | VI (3) | VII (3) | VIII (3) |
| IB (3) | | IIIB (3) | IVB (3) | VB (3) | | VII (3) | VIII (3) |
| IC (3) | | | | VC (3) | | | |

NOTE: Do not forward validation tables with curriculum form.

(*Use Validation Tables.)

Department of Computer Science
CSC 550/750 Course Syllabus

I. Course Number: CSC 550/750 (3 credit hours)

II. Course Title: Graphics Programming

III. Course Description:

Prerequisite for CSC 550: CSC 310 and one of MAT 124, 124H, 211, or 261.

Prerequisite for CSC 750: CSC 730 or departmental approval.

3D geometry, model transformation, matrices, computer algorithms and protocols, texture mapping, camera control, and collision detection.

IV. Instructor:

Ka-Wing Wong

Office: Wallace 411

Phone: 859-622-1928

email: Ka-Wing.Wong@eku.edu

V. Required Text

1. Wendy Stahler, *Fundamentals of Math and Physics for Game Programmers*. Prentice Hall, 2006.
2. Richard Wright and Benjamin Lipchak, *OpenGL SuperBible, 3rd Edition*, Sams Publishing, 2005.

VI. Learning Outcomes:

CSC 550 and 750 common learning outcomes:

In this course, students will demonstrate the ability to:

1. Use computer graphics software packages;
2. Define common terms in computer graphics;
3. Write computer programs to generate graphics;
4. Describe problem-solving techniques applicable to 3D graphics programming.

Additional learning outcomes for CSC 750:

In addition, graduate students will also demonstrate the ability to:

5. Design and analyze 3D computer simulation;
6. Evaluate 3D computer graphic models.

VII. Course Outline:

A breakdown of major topics to be covered in class and the approximate number of class contact hours for each topic is given below:

- | | |
|--------------------------------------|-----------|
| 1. Computer graphics | (5 hours) |
| 2. Math for 3D graphic simulation | (3 hours) |
| 3. Physics for 3D graphic simulation | (3 hours) |
| 4. Algorithm design | (6 hours) |
| 5. Camera control | (6 hours) |
| 6. Motion control | (6 hours) |
| 7. Graphic system integration | (6 hours) |

VIII. Course Requirements:

One midterm exam

One final exam

Quizzes (up to 5)

Approximately 6 project assignments

Additional requirements for CSC 750:

A term project on computer graphic simulation design and an independent study paper to analyze computer graphic algorithms. The minimum length of the paper is twenty pages.

IX. Grading and Evaluation Policies:

Grade Components:

Assignments 50%
Exams and quizzes 50%

Grading Scale for CSC 550: A (90-100), B (80-89), C (70-79), D (60-69), F (0-59)

Grading Scale for CSC 750: A (92-100), B (83-91), C (74-82), F (0-73)

Student Progress:

Students are required to check their midterm grade progress report with the instructor. Midterm grade is calculated based on the midterm exam score and the total assignment and quiz scores obtained in the first half of the semester.

X. Attendance Policy:

Attendance will be taken during lecture. Unexcused absences in excess of 10% of the scheduled meetings **will result in a one letter grade reduction for the course.** Unexcused absences in excess of 20% of the scheduled meetings **will result in a two letter grade reduction for the course.** Unexcused absences in excess of 30% of the scheduled meetings **will result in a three letter grade reduction for the course.** Students with unusual circumstances should advise the instructor of their situation immediately. Students will be held responsible for all announcements made in class.

XI. Important Dates:

See <http://www.registrar.eku.edu/schedule/EKUCompass.pdf> pages 14-19.

XII. Students with Disabilities:

If you are registered with the Office of Services for Individuals with Disabilities, please make an appointment with the course instructor to discuss any academic accommodations you need. If you need academic accommodations and are not registered with the Office of Services for Individuals with Disabilities, please contact the office on the third floor of the Student Services Building, by email at disabilities@eku.edu or by telephone at (859) 622-2933 V/TDD. Upon individual request, this syllabus can be made available in alternative forms.

XIII. Academic Integrity:

This course adheres to ECU's academic integrity policy. The policy is available at www.academicintegrity.eku.edu. Questions regarding the policy may be directed to the Office of Academic Integrity.

Part II. Recording Data for New, Revised, or Dropped Course

(For a new required course, complete a separate request for the appropriate program revisions.)

1. For a new course, provide the catalog text.
2. For a revised course, provide the current catalog text with the proposed text using strikethrough for deletions and underlines for additions.
3. For a dropped course, provide the current catalog text.

New or Revised* Catalog Text

(*Use strikethrough for deletions and underlines for additions. Also include Crs. Prefix, No., and description, limited to 35 words.)

CSC 120 Introduction to Multimedia. (3) I, II. Introduction to multimedia technology and computerized visual communication. Topics include video editing, media file processing, video streaming, computer graphics, computer animation, and multimedia presentation.

| CRS | DATE | APPROVED BY | APPROVAL COMMITTEE |
|-----|------|-------------|--------------------|
| MA | 2008 | MA | MA |
| MA | 2008 | MA | MA |
| MA | 2008 | MA | MA |
| MA | 2008 | MA | MA |
| MA | 2008 | MA | MA |

A. The proposed course is a new course (Yes/No) (If "No", not applicable.)

B. The proposed course is a revision of an existing course (Yes/No) (If "No", not applicable.)

C. The proposed course is a drop of an existing course (Yes/No) (If "No", not applicable.)

D. The proposed course is a new program (Yes/No) (If "No", not applicable.)

E. The proposed course is a new program (Yes/No) (If "No", not applicable.)

F. The proposed course is a new program (Yes/No) (If "No", not applicable.)

G. The proposed course is a new program (Yes/No) (If "No", not applicable.)

H. The proposed course is a new program (Yes/No) (If "No", not applicable.)

I. The proposed course is a new program (Yes/No) (If "No", not applicable.)

J. The proposed course is a new program (Yes/No) (If "No", not applicable.)

K. The proposed course is a new program (Yes/No) (If "No", not applicable.)

L. The proposed course is a new program (Yes/No) (If "No", not applicable.)

M. The proposed course is a new program (Yes/No) (If "No", not applicable.)

N. The proposed course is a new program (Yes/No) (If "No", not applicable.)

O. The proposed course is a new program (Yes/No) (If "No", not applicable.)

P. The proposed course is a new program (Yes/No) (If "No", not applicable.)

Q. The proposed course is a new program (Yes/No) (If "No", not applicable.)

R. The proposed course is a new program (Yes/No) (If "No", not applicable.)

S. The proposed course is a new program (Yes/No) (If "No", not applicable.)

T. The proposed course is a new program (Yes/No) (If "No", not applicable.)

U. The proposed course is a new program (Yes/No) (If "No", not applicable.)

V. The proposed course is a new program (Yes/No) (If "No", not applicable.)

W. The proposed course is a new program (Yes/No) (If "No", not applicable.)

X. The proposed course is a new program (Yes/No) (If "No", not applicable.)

Y. The proposed course is a new program (Yes/No) (If "No", not applicable.)

Z. The proposed course is a new program (Yes/No) (If "No", not applicable.)

Part IV. Recording Data for New or Revised Course (Record only new or changed course information.)

| | | | | |
|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Course prefix (3 letters) CSC | Course Number (3 Digits) 120 | Effective Term (Example: Fall 2001) Spring 2008 | College/Division: AS <input checked="" type="checkbox"/> JS _____ BT _____ EM _____ ED _____ PC _____ HS _____ | Dept. (4 letters)* COSC |
| Credit Hrs. 3 | Weekly Contact Hrs. Lecture <u>3</u> Laboratory _____ Other _____ | | Repeatable Maximum No. of Hrs. _____ | |
| Schedule Type* (List all applicable) 1 | Work Load (for each schedule type) 3 | Grading Mode* N | Cip Code (first two digits only) 11 | |
| Class Restriction, if any: (undergraduate only) | | | FR _____ JR _____ SO _____ SR _____ | |
| Grading Information: Course is eligible for IP (in-progress grading) for: <u>Check all applicable</u> | | | FOR BANNER USE ONLY Date of data entry _____ Data entry person _____ | |
| Thesis _____ | | | | |
| Internship _____ | | | | |
| Independent Study _____ | | | | |
| Practicum _____ | | | | |

Co-Requisites and Prerequisites

Co-Requisite(s): (List only co-requisites. See below for prerequisites and combinations.)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |

Prerequisite(s): (List prerequisites only. List combinations below. Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Co-Requisite(s) and/or Prerequisite(s) Combination (Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Equivalent Course(s): (credit not allowed with; or formerly:)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |
| Course Prefix and No. | |

Proposed General Education Block: Please mark (X) in the appropriate Block or Blocks (e.g. – IVB(3) X).

| Block I (9) | Block II (3) | Block III (6) | Block IV (6) | Block V (9) | Block VI (3) | Block VII (6) | Block VIII (6) |
|-------------|--------------|---------------|--------------|-------------|--------------|---------------|----------------|
| IA (3) | II (3) | IIIA (3) | IVA (3) | VA (3) | VI (3) | VII (3) | VIII (3) |
| IB (3) | | IIIB (3) | IVB (3) | VB (3) | | VII (3) | VIII (3) |
| IC (3) | | | | VC (3) | | | |

NOTE: Do not forward validation tables with curriculum form.

(*Use Validation Tables.)

CSC 120 Course Syllabus

I. **Course Number:** CSC 120 (3 hours)

II. **Course Title:** Introduction to Multimedia

III. **Course Description:**

Introduction to multimedia technology and computerized visual communication. Topics include video editing, media file processing, video streaming, computer graphics, computer animation, and multimedia presentation.

IV. **Instructor:**

Ka-Wing Wong

Office: Wallace 411

Phone: 859-622-1928

email: Ka-Wing.Wong@eku.edu

V. **Required Text**

1. Jan Ozer, *Pinnacle Studio 9 for Windows : Visual QuickStart Guide*. Peachpit Press, 2004.
2. Tom Green and Jordan Chilcott, *Foundation Flash 8 Video*. Friends of ED, an Apress Company, 2006.

VI. **Course Objectives:**

The General Education Goals identified in section VI are achieved through the study of and hands on experience in the combined lecture/lab. In this course, students will demonstrate the ability to:

1. Use video editing, computer animation, and presentation packages;
2. Integrate multimedia software packages;
3. Demonstrate basic computing concepts in multimedia;
4. Explain social computing issues related to multimedia;
5. Describe multimedia problem-solving techniques applicable to computing.

Topics:

1. Video editing
2. Media file processing
3. Video streaming
4. Computer graphics
5. Computer animation
6. Multimedia presentation.

VII. **Grading and Evaluation Policies:**

Grade Components:

Assignments 50%

Exams and quizzes..... 50%

Grading Scale:

A (90-100), B (80-89), C (70-79), D (60-69), F (0-59)

VIII. **Attendance Policy:**

Attendance will be taken during lecture. Unexcused absences in excess of 10% of the scheduled meetings **will result in a one letter grade reduction for the course.** Unexcused absences in excess of 20% of the scheduled

circumstances should advise the instructor of their situation immediately. Students will be held responsible for all announcements made in class.

IX. Important Dates:

See <http://www.registrar.eku.edu/schedule/EKUCompass.pdf> pages 14-19.

X. Students with Disabilities:

If you are registered with the Office of Services for Individuals with Disabilities, please make an appointment with the course instructor to discuss any academic accommodations you need. If you need academic accommodations and are not registered with the Office of Services for Individuals with Disabilities, please contact the office on the third floor of the Student Services Building, by email at disabilities@eku.edu or by telephone at (859) 622-2933 V/TDD. Upon individual request, this syllabus can be made available in alternative forms.

XI. Academic Integrity:

This course adheres to EKU's academic integrity policy. The policy is available at www.academicintegrity.eku.edu. Questions regarding the policy may be directed to the Office of Academic Integrity.

CAS-60

Curriculum Change Form

(Present only one proposed curriculum change per form)

(Complete only the section(s) applicable.)

Part I

| | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| (Check one) <input checked="" type="checkbox"/> New Course (Parts II, IV) <input type="checkbox"/> Course Revision (Parts II, IV) <input type="checkbox"/> Course Dropped (Part II) <input type="checkbox"/> New Program (Part III) <input type="checkbox"/> Program Revision (Part III) <input type="checkbox"/> Program Suspended (Part III) | Department Name College *Course Prefix & Number *Course Title (30 characters) *Program Title (Major __, Option __; Minor __; or Certificate __) | Computer Science Arts & Sciences CSC 140 Intro to Computer Game Design _____ *Provide only the information relevant to the proposal. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|

| | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| Proposal Approved by: Departmental Committee _____ Is this a SACS Substantive Change? Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | Date 2/28/07 _____ 3-19-07 NA NA | Graduate Council* Council on Academic Affairs Approved <input checked="" type="checkbox"/> Disapproved _____ Faculty Senate** Board of Regents** Council on Postsecondary Edu.*** | Date NA _____ 05-17-07 NA NA NA |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|

*If Applicable (Type NA if not applicable.)

**Approval needed for new, revised, or suspended programs

***Approval/Posting needed for new degree program or certificate program

****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.)

Create a new course, CSC 140.

A. 2. Effective date: (Example: Fall 2001)

Spring 2008

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)

B. The justification for this action:

This course would be a part of the new program option in Interactive Multimedia. It has already been taught as a topics course more than once.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact:

None

Operating Expenses Impact:

None

Equipment/Physical Facility Needs:

None

Library Resources:

None

Part II. Recording Data for New, Revised, or Dropped Course

(For a new required course, complete a separate request for the appropriate program revisions.)

1. For a new course, provide the catalog text.
2. For a revised course, provide the current catalog text with the proposed text using strikethrough for deletions and underlines for additions.
3. For a dropped course, provide the current catalog text.

New or Revised* Catalog Text

(*Use strikethrough for deletions and underlines for additions. Also include Crs. Prefix, No., and description, limited to 35 words.)

CSC 140 Intro to Computer Game Design. (3) I, II. Introduction to computer game design, frame based animation, sound effects, program logic, game scripting, and object oriented programming.

Part IV. Recording Data for New or Revised Course (Record only new or changed course information.)

| | | | | |
|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Course prefix (3 letters) CSC | Course Number (3 Digits) 140 | Effective Term (Example: Fall 2001) Spring 2008 | College/Division: AS <input checked="" type="checkbox"/> JS _____ BT _____ EM _____ ED _____ PC _____ HS _____ | Dept. (4 letters)* COSC |
| Credit Hrs. 3 | Weekly Contact Hrs. Lecture <u>3</u> Laboratory _____ Other _____ | | Repeatable Maximum No. of Hrs. _____ | |
| Schedule Type* (List all applicable) 1 | Work Load (for each schedule type) 3 | Grading Mode* N | Cip Code (first two digits only) 11 | |
| Class Restriction, if any: (undergraduate only) FR _____ JR _____ SO _____ SR _____ | | | | |
| Grading Information: Course is eligible for IP (in-progress grading) for: <u>Check all applicable</u> | | | FOR BANNER USE ONLY | |
| Thesis _____ | | | | |
| Internship _____ | | | | |
| Independent Study _____ | | | | |
| Practicum _____ | | | | |
| Date of data entry _____ | | | Data entry person _____ | |

Co-Requisites and Prerequisites

Co-Requisite(s): (List only co-requisites. See below for prerequisites and combinations.)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |

Prerequisite(s): (List prerequisites only. List combinations below. Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Co-Requisite(s) and/or Prerequisite(s) Combination (Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Equivalent Course(s): (credit not allowed with; or formerly:)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |
| Course Prefix and No. | |

Proposed General Education Block: Please mark (X) in the appropriate Block or Blocks (e.g. – IVB(3) X).

| Block I (9) | Block II (3) | Block III (6) | Block IV (6) | Block V (9) | Block VI (3) | Block VII (6) | Block VIII (6) |
|-------------|--------------|---------------|--------------|-------------|--------------|---------------|----------------|
| IA (3) | II (3) | IIIA (3) | IVA (3) | VA (3) | VI (3) | VII (3) | VIII (3) |
| IB (3) | | IIIB (3) | IVB (3) | VB (3) | | VII (3) | VIII (3) |
| IC (3) | | | | VC (3) | | | |

NOTE: Do not forward validation tables with curriculum form.

(*Use Validation Tables.)

CSC 140 Course Syllabus

I. **Course Number:** CSC 140 (3 hours)

II. **Course Title:** Introduction to Computer Game Design

III. **Course Description:**

Introduction to computer game design, frame based animation, sound effects, program logic, game scripting, and object oriented programming.

IV. **Instructor:**

Ka-Wing Wong

Office: Wallace 411

Phone: 859-622-1928

email: Ka-Wing.Wong@eku.edu

V. **Required Text**

Jen deHaan and Peter deHaan, *Learning ActionScript 2.0 for Macromedia Flash 8*. Peachpit Press, 2006.

VI. **Course Objectives/Learning Outcomes:**

The General Education Goals identified in section VI are achieved through the study of and hands on experience in the combined lecture/lab. In this course, students will demonstrate the ability to:

1. Use computer animation and scripting packages;
2. Integrate animation software packages;
3. Demonstrate basic computing concepts in animation and programming;
4. Explain social computing issues related to computer game design;
5. Describe problem-solving techniques applicable to computer game design.

Topics:

1. Computer game development concepts
2. Flash graphics and animation
3. ActionScript
4. Game algorithm design
5. Ethics

VII. **Grading and Evaluation Policies:**

Grade Components:

Assignments 50%

Exams and quizzes..... 50%

Grading Scale:

A (90-100), B (80-89), C (70-79), D (60-69), F (0-59)

VIII. **Attendance Policy:**

Attendance will be taken during lecture. Unexcused absences in excess of 10% of the scheduled meetings **will result in a one letter grade reduction for the course**. Unexcused absences in excess of 20% of the scheduled meetings **will result in a two letter grade reduction for the course**. Unexcused absences in excess of 30% of the scheduled meetings **will result in a three letter grade reduction for the course**. Students with unusual circumstances should advise the instructor of their situation immediately. Students will be held responsible for all announcements made in class.

X. Students with Disabilities:

If you are registered with the Office of Services for Individuals with Disabilities, please make an appointment with the course instructor to discuss any academic accommodations you need. If you need academic accommodations and are not registered with the Office of Services for Individuals with Disabilities, please contact the office on the third floor of the Student Services Building, by email at disabilities@eku.edu or by telephone at (859) 622-2933 V/TDD. Upon individual request, this syllabus can be made available in alternative forms.

XI. Academic Integrity:

This course adheres to EKU's academic integrity policy. The policy is available at www.academicintegrity.eku.edu. Questions regarding the policy may be directed to the Office of Academic Integrity.

CAS-60

Curriculum Change Form
(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

Part I

| | | |
|---------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------|
| (Check one) | Department Name | Computer Science |
| <input checked="" type="checkbox"/> New Course (Parts II, IV) | College | Arts & Sciences |
| <input type="checkbox"/> Course Revision (Parts II, IV) | *Course Prefix & Number | CSC 510 |
| <input type="checkbox"/> Course Dropped (Part II) | *Course Title (30 characters) | Web Design & Prog in Education |
| <input type="checkbox"/> New Program (Part III) | *Program Title | |
| <input type="checkbox"/> Program Revision (Part III) | | (Major __, Option __; Minor __; or Certificate __) |
| <input type="checkbox"/> Program Suspended (Part III) | *Provide only the information relevant to the proposal. | |

| | | | |
|-------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------|
| Proposal Approved by: | <u>Date</u> | | <u>Date</u> |
| Departmental Committee | 2/28/07 | Graduate Council* | NA |
| <i>Is this a SACS Substantive Change?</i> | Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | Council on Academic Affairs | |
| College Curriculum Committee | 3/19/07 | Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> | 05-17-07 |
| General Education Committee* | NA | Faculty Senate** | NA |
| Teacher Education Committee* | 4/24/07 | Board of Regents** | NA |
| | | Council on Postsecondary Edu.*** | NA |

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

| |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.) Create a new course, CSC 510.</p> <p>A. 2. Effective date: (Example: Fall 2001) Spring 2008</p> <p>A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)</p> |
| <p>B. The justification for this action: Teachers need to be increasingly web-literate, and this will aid them in that goal.</p> |
| <p>C. The projected cost (or savings) of this proposal is as follows:</p> <p>Personnel Impact: None</p> <p>Operating Expenses Impact: None</p> <p>Equipment/Physical Facility Needs: None</p> <p>Library Resources: None</p> |

Part II. Recording Data for New, Revised, or Dropped Course

(For a **new required course**, complete a separate request for the appropriate program revisions.)

1. For a new course, provide the catalog text.
2. For a revised course, provide the current catalog text with the proposed text using strikethrough for deletions and underlines for additions.
3. For a dropped course, provide the current catalog text.

New or Revised* Catalog Text

(*Use strikethrough for deletions and underlines for additions. Also include Crs. Prefix, No., and description, limited to 35 words.)

CSC 510 Web Design & Prog in Education. (3) A. Introduction to design and implementation of World Wide Web applications for teachers. Development of interactive on-line class notes and testing materials.

Part IV. Recording Data for New or Revised Course (Record only new or changed course information.)

| | | | | |
|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Course prefix (3 letters) CSC | Course Number (3 Digits) 510 | Effective Term (Example: Fall 2001) Spring 2008 | College/Division: AS <input checked="" type="checkbox"/> JS _____ BT _____ EM _____ ED _____ PC _____ HS _____ | Dept. (4 letters)* COSC |
| Credit Hrs. 3 | Weekly Contact Hrs. Lecture <u>3</u> Laboratory _____ Other _____ | | Repeatable Maximum No. of Hrs. _____ | |
| Schedule Type* (List all applicable) 1 | Work Load (for each schedule type) 3 | Grading Mode* N | Class Restriction, if any: (undergraduate only) FR _____ JR _____ SO _____ SR _____ | |
| Grading Information: Course is eligible for IP (in-progress grading) for: <u>Check all applicable</u> | | | FOR BANNER USE ONLY Date of data entry _____ Data entry person _____ | |
| Thesis _____ | | | | |
| Internship _____ | | | | |
| Independent Study _____ | | | | |
| Practicum _____ | | | | |

Co-Requisites and Prerequisites

Co-Requisite(s): (List only co-requisites. See below for prerequisites and combinations.)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |

Prerequisite(s): (List prerequisites only. List combinations below. Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Co-Requisite(s) and/or Prerequisite(s) Combination (Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Equivalent Course(s): (credit not allowed with; or formerly:)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |
| Course Prefix and No. | |

Proposed General Education Block: Please mark (X) in the appropriate Block or Blocks (e.g. – IVB(3) X).

| Block I (9) | Block II (3) | Block III (6) | Block IV (6) | Block V (9) | Block VI (3) | Block VII (6) | Block VIII (6) |
|-------------|--------------|---------------|--------------|-------------|--------------|---------------|----------------|
| IA (3) | II (3) | IIIA (3) | IVA (3) | VA (3) | VI (3) | VII (3) | VIII (3) |
| IB (3) | | IIIB (3) | IVB (3) | VB (3) | | VII (3) | VIII (3) |
| IC (3) | | | | VC (3) | | | |

NOTE: Do not forward validation tables with curriculum form.

(*Use Validation Tables.)

Curriculum Change Form

(Present only one proposed curriculum change per form)

(Complete only the section(s) applicable.)

Part I

| | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (Check one) <input checked="" type="checkbox"/> New Course (Parts II, IV) <input type="checkbox"/> Course Revision (Parts II, IV) <input type="checkbox"/> Course Dropped (Part II) <input type="checkbox"/> New Program (Part III) <input type="checkbox"/> Program Revision (Part III) <input type="checkbox"/> Program Suspended (Part III) | Department Name College *Course Prefix & Number *Course Title (30 characters) *Program Title (Major __, Option __; Minor __; or Certificate __) *Provide only the information relevant to the proposal. | Computer Science Arts and Sciences CSC 710 Web Design & Prog in Education Proposal Approved by: Departmental Committee Date: 2/28/07 Graduate Council* Council on Academic Affairs Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> 05-17-07 College Curriculum Committee Date: 3/19/07 Faculty Senate** NA General Education Committee* Date: NA Board of Regents** NA Teacher Education Committee* Date: 4/24/07 Council on Postsecondary Edu.*** NA |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.) Create a new course, CSC 710.</p> <p>A. 2. Effective date: (Example: Fall 2001) Spring 2008</p> <p>A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)</p> | <p>B. The justification for this action: Teachers need to be increasingly web-literate, and this will aid them in that goal.</p> <p>C. The projected cost (or savings) of this proposal is as follows:</p> <p>Personnel Impact: None</p> <p>Operating Expenses Impact: None</p> <p>Equipment/Physical Facility Needs: None</p> <p>Library Resources: None</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Part II. Recording Data for New, Revised, or Dropped Course

(For a new required course, complete a separate request for the appropriate program revisions.)

1. For a new course, provide the catalog text.
2. For a revised course, provide the current catalog text with the proposed text using strikethrough for deletions and underlines for additions.
3. For a dropped course, provide the current catalog text.

New or Revised* Catalog Text

(*Use strikethrough for deletions and underlines for additions. Also include Crs. Prefix, No., and description, limited to 35 words.)

CSC 710 Web Design & Prog in Education (3) A. Introduction to design and implementation of World Wide Web applications for teachers. Development of interactive on-line class notes and testing materials.

Part IV. Recording Data for New or Revised Course (Record only new or changed course information.)

| | | | | |
|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Course prefix (3 letters) CSC | Course Number (3 Digits) 710 | Effective Term (Example: Fall 2001) Spring 2008 | College/Division: AS <input checked="" type="checkbox"/> JS _____ BT _____ EM _____ ED _____ PC _____ HS _____ | Dept. (4 letters)* COSC |
| Credit Hrs. 3 | Weekly Contact Hrs. Lecture <u>3</u> Laboratory _____ Other _____ | | Repeatable Maximum No. of Hrs. _____ | |
| Schedule Type* (List all applicable) 1 | Work Load (for each schedule type) 3 | Grading Mode* N | Cip Code (first two digits only) 11 | |
| | | | Class Restriction, if any: (undergraduate only) FR _____ JR _____ SO _____ SR _____ | |
| | | | FOR BANNER USE ONLY Date of data entry _____ Data entry person _____ | |
| Grading Information: Course is eligible for IP (in-progress grading) for: <u>Check all applicable</u> | | | | |
| Thesis _____ | | | | |
| Internship _____ | | | | |
| Independent Study _____ Practicum _____ | | | | |

Co-Requisites and Prerequisites

Co-Requisite(s): (List only co-requisites. See below for prerequisites and combinations.)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |

Prerequisite(s): (List prerequisites only. List combinations below. Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Co-Requisite(s) and/or Prerequisite(s) Combination (Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Equivalent Course(s): (credit not allowed with; or formerly:)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |
| Course Prefix and No. | |

Proposed General Education Block: Please mark (X) in the appropriate Block or Blocks (e.g. – IVB(3) X).

| Block I (9) | Block II (3) | Block III (6) | Block IV (6) | Block V (9) | Block VI (3) | Block VII (6) | Block VIII (6) |
|-------------|--------------|---------------|--------------|-------------|--------------|---------------|----------------|
| IA (3) | II (3) | IIIA (3) | IVA (3) | VA (3) | VI (3) | VII (3) | VIII (3) |
| IB (3) | | IIIB (3) | IVB (3) | VB (3) | | VII (3) | VIII (3) |
| IC (3) | | | | VC (3) | | | |

NOTE: Do not forward validation tables with curriculum form.

(*Use Validation Tables.)

Department of Computer Science
CSC 510/710 Course Syllabus

I. **Course Number:** CSC 510/710 (3 credit hours)

II. **Course Title:** Web Design & Prog in Education

III. **Course Description:**

Introduction to design and implementation of World Wide Web applications for teachers. Development of interactive on-line lessons and testing materials. Credit for CSC 510 does not apply toward the B.S. degree in Computer Science. Credit for CSC 710 does not apply toward the M.S. degree in Applied Computing.

IV. **Instructor:**

Ka-Wing Wong
Office: Wallace 411
Phone: 859-622-1928
email: Ka-Wing.Wong@eku.edu

V. **Required Text**

Denise Etheridge and Janet Valade, *Master VISUALLY Dreamweaver 8 and Flash 8*. Wiley Publishing, 2006.

VI. **Learning Outcomes:**

CSC 510 and 710 common learning outcomes:

In this course, students will demonstrate the ability to:

1. Use web design software packages;
2. Write computer programs to automatically perform educational activities on a Web site;
3. Describe problem-solving techniques applicable to web design.

Additional learning outcomes for CSC 710:

In addition, graduate students will also demonstrate the ability to:

4. Analyze the requirements of an educational web site;
5. Design web pages and programs for an on-line classroom;
6. Select software and programming languages to implement interactive and animated web pages;
7. Evaluate software solutions for an educational web site.

VII. **Course Outline:**

A breakdown of major topics to be covered in class and the approximate number of class contact hours for each topic is given below:

1. Principles of Web application design (4 hours)
2. Web page authoring tools (8 hours)
3. Computer animation (4 hours)
4. Web video and audio (5 hours)
5. Publishing on-line class notes (6 hours)
6. On-line interactive tutorial (5 hours)
7. On-line testing (3 hours)

VIII. Course Requirements

- One midterm exam
- One final exam
- Quizzes (up to 5)
- Approximately 15 project assignments

Additional requirements for CSC 710:

A term project to design an educational Web site and an independent study paper to analyze web design concepts. The minimum length of the paper is twenty pages.

IX. Grading and Evaluation Policies:

Grade Components:

| | |
|------------------------|-----|
| Assignments | 50% |
| Exams and quizzes..... | 50% |

Grading Scale for CSC 510: A (90-100), B (80-89), C (70-79), D (60-69), F (0-59)

Grading Scale for CSC 710: A (92-100), B (83-91), C (74-82), F (0-73)

Student Progress:

Students are required to check their midterm grade progress report with the instructor. Midterm grade is calculated based on the midterm exam score and the total assignment and quiz scores obtained in the first half of the semester.

X. Attendance Policy:

Attendance will be taken during lecture. Unexcused absences in excess of 10% of the scheduled meetings **will result in a one letter grade reduction for the course**. Unexcused absences in excess of 20% of the scheduled meetings **will result in a two letter grade reduction for the course**. Unexcused absences in excess of 30% of the scheduled meetings **will result in a three letter grade reduction for the course**. Students with unusual circumstances should advise the instructor of their situation immediately. Students will be held responsible for all announcements made in class.

XI. Important Dates:

See <http://www.registrar.eku.edu/schedule/EKUCompass.pdf> pages 14-19.

XII. Students with Disabilities:

If you are registered with the Office of Services for Individuals with Disabilities, please make an appointment with the course instructor to discuss any academic accommodations you need. If you need academic accommodations and are not registered with the Office of Services for Individuals with Disabilities, please contact the office on the third floor of the Student Services Building, by email at disabilities@eku.edu or by telephone at (859) 622-2933.V/TDD. Upon individual request, this syllabus can be made available in alternative forms.

XIII. Academic Integrity:

This course adheres to EKU's academic integrity policy. The policy is available at www.academicintegrity.eku.edu. Questions regarding the policy may be directed to the Office of Academic Integrity.

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Curriculum Change Form
(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

Part I

| | | |
|---------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------|
| (Check one) | Department Name | Computer Science |
| <input checked="" type="checkbox"/> New Course (Parts II, IV) | College | Arts & Sciences |
| <input type="checkbox"/> Course Revision (Parts II, IV) | *Course Prefix & Number | CSC 520 |
| <input type="checkbox"/> Course Dropped (Part II) | *Course Title (30 characters) | Multimedia System Design |
| <input type="checkbox"/> New Program (Part III) | *Program Title | |
| <input type="checkbox"/> Program Revision (Part III) | | (Major ____, Option ____, Minor ____, or Certificate ____) |
| <input type="checkbox"/> Program Suspended (Part III) | *Provide only the information relevant to the proposal. | |

| | | | |
|-------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------|-----------------|
| Proposal Approved by: | <u>Date</u> | | <u>Date</u> |
| Departmental Committee | 2/28/07 | Graduate Council* | NA |
| <i>Is this a SACS Substantive Change?</i> Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | | Council on Academic Affairs | |
| College Curriculum Committee | 3/19/07 | Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> | 05-17-07 |
| General Education Committee* | NA | Faculty Senate** | NA |
| Teacher Education Committee* | NA | Board of Regents** | NA |
| | | Council on Postsecondary Edu.*** | NA |

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

| |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.) Create a new course, CSC 520.</p> <p>A. 2. Effective date: (Example: Fall 2001) Spring 2008</p> <p>A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)</p> |
| <p>B. The justification for this action: This course would be a part of the new program option in Interactive Multimedia.</p> |
| <p>C. The projected cost (or savings) of this proposal is as follows:</p> <p>Personnel Impact: None</p> <p>Operating Expenses Impact: None</p> <p>Equipment/Physical Facility Needs: None</p> <p>Library Resources: None</p> |

Part II. Recording Data for New, Revised, or Dropped Course

(For a new required course, complete a separate request for the appropriate program revisions.)

1. For a new course, provide the catalog text.
2. For a revised course, provide the current catalog text with the proposed text using strikethrough for deletions and underlines for additions.
3. For a dropped course, provide the current catalog text.

New or Revised* Catalog Text

(*Use strikethrough for deletions and underlines for additions. Also include Crs. Prefix, No., and description, limited to 35 words.)

CSC 520 Multimedia System Design (3) A. Prerequisite: CSC 120 or one of TEC 190, 255, 313, 355. Integration of multimedia technologies, design of scenes, computer algorithms, multimedia solutions, and multimedia databases.

Part IV. Recording Data for New or Revised Course (Record only new or changed course information.)

| | | | | |
|----------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Course prefix (3 letters) CSC | Course Number (3 Digits) 520 | Effective Term (Example: Fall 2001) Spring 2008 | College/Division: AS <input checked="" type="checkbox"/> JS _____ BT _____ EM _____ ED _____ PC _____ HS _____ | Dept. (4 letters)* COSC |
| Credit Hrs. 3 | Weekly Contact Hrs. Lecture <u>3</u> Laboratory _____ Other _____ | | Repeatable Maximum No. of Hrs. _____ | |
| Schedule Type* (List all applicable) 1 | Work Load (for each schedule type) 3 | Grading Mode* N | Class Restriction, if any: (undergraduate only) FR _____ JR _____ SO _____ SR _____ | |
| | | Grading Information: Course is eligible for IP (in-progress grading) for: <u>Check all applicable</u> | FOR BANNER USE ONLY Date of data entry _____ Data entry person _____ | |
| | | Thesis _____ | | |
| | | Internship _____ | | |
| | | Independent Study _____ | | |
| | | Practicum _____ | | |

Co-Requisites and Prerequisites

Co-Requisite(s): (List only co-requisites. See below for prerequisites and combinations.)

Course Prefix and No. _____

Course Prefix and No. _____

Prerequisite(s): (List prerequisites only. List combinations below. Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

Course Prefix and No. _____ CSC 120 or one of TEC 190, 255, 313, 355

Course Prefix and No. _____

Test Scores _____

Minimum GPA (when a course grouping or student cumulative GPA is required) _____

Co-Requisite(s) and/or Prerequisite(s) Combination (Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

Course Prefix and No. _____

Test Scores _____

Minimum GPA (when a course grouping or student cumulative GPA is required) _____

Equivalent Course(s): (credit not allowed with; or formerly:)

Course Prefix and No. _____

Course Prefix and No. _____

Course Prefix and No. _____

Proposed General Education Block: Please mark (X) in the appropriate Block or Blocks (e.g. – IVB(3) X).

| Block I (9) | Block II (3) | Block III (6) | Block IV (6) | Block V (9) | Block VI (3) | Block VII (6) | Block VIII (6) |
|-------------|--------------|---------------|--------------|-------------|--------------|---------------|----------------|
| IA (3) | II (3) | IIIA (3) | IVA (3) | VA (3) | VI (3) | VII (3) | VIII (3) |
| IB (3) | | IIIB (3) | IVB (3) | VB (3) | | VII (3) | VIII (3) |
| IC (3) | | | | VC (3) | | | |

NOTE: Do not forward validation tables with curriculum form.

(*Use Validation Tables.)

Curriculum Change Form
(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

Part I

| | | |
|---------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------|
| (Check one) | Department Name | Computer Science |
| <input checked="" type="checkbox"/> New Course (Parts II, IV) | College | Arts & Sciences |
| <input type="checkbox"/> Course Revision (Parts II, IV) | *Course Prefix & Number | CSC 720 |
| <input type="checkbox"/> Course Dropped (Part II) | *Course Title (30 characters) | Multimedia System Design |
| <input type="checkbox"/> New Program (Part III) | *Program Title | |
| <input type="checkbox"/> Program Revision (Part III) | | (Major __, Option __; Minor __; or Certificate __) |
| <input type="checkbox"/> Program Suspended (Part III) | *Provide only the information relevant to the proposal. | |

| | | |
|-------------------------------------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------------------|
| Proposal Approved by: | Date | Date |
| Departmental Committee | 2/28/07 | Graduate Council* |
| <i>Is this a SACS Substantive Change?</i> Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | | Council on Academic Affairs |
| College Curriculum Committee | 3/19/07 | Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> |
| General Education Committee* | NA | 05-17-07 |
| Teacher Education Committee* | NA | Faculty Senate** |
| | | Board of Regents** |
| | | Council on Postsecondary Edu.*** |
| | | NA |

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.)
 Create a new course, CSC 720.

A. 2. Effective date: (Example: Fall 2001)
 Fall 2007

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)

B. The justification for this action:
 This course would be a part of the revised option in Software Engineering.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact:
 None

Operating Expenses Impact:
 None

Equipment/Physical Facility Needs:
 None

Library Resources:
 None

Part II. Recording Data for New, Revised, or Dropped Course

(For a new required course, complete a separate request for the appropriate program revisions.)

1. For a new course, provide the catalog text.
2. For a revised course, provide the current catalog text with the proposed text using strikethrough for deletions and underlines for additions.
3. For a dropped course, provide the current catalog text.

New or Revised* Catalog Text

(*Use strikethrough for deletions and underlines for additions. Also include Crs. Prefix, No., and description, limited to 35 words.)

CSC 720 Multimedia System Design (3) A. Prerequisite: Admission to the master's degree program in computer science, or to the master's degree in math (computer science option), or departmental approval. Integration of multimedia technologies, design of scenes, computer algorithms, multimedia solutions, and multimedia databases.

| Department | Faculty | Chair | Approved | Disapproved | Not X | Not |
|------------|---------|-------|----------|-------------|-------|-----|
| MA | | | | | | |
| MA | | | | | | |
| MA | | | | | | |

Completion of A, B, and C is required. (Please do not check any boxes.)

A. If the action requested is a new course, please provide the course title and number of credit hours for ABC form 1 to 3.)

B. If the action requested is a revision to an existing course, please provide the course title and number of credit hours for ABC form 1 to 3.)

C. The proposed text for the course is as follows:

Personal Impact:

None

Outstanding Impact:

None

Group/Institutional Faculty Health:

None

Other:

None

Part IV. Recording Data for New or Revised Course (Record only new or changed course information.)

| | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Course prefix (3 letters) CSC | Course Number (3 Digits) 720 | Effective Term (Example: Fall 2001) Spring 2008 | College/Division: AS <input checked="" type="checkbox"/> JS _____ BT _____ EM _____ ED _____ PC _____ HS _____ | Dept. (4 letters)* COSC |
| Credit Hrs. 3 | Weekly Contact Hrs. Lecture <u>2.5</u> Laboratory _____ Other _____ | | Repeatable Maximum No. of Hrs. _____ | |
| Schedule Type* (List all applicable) 1 | Work Load (for each schedule type) 3 | Grading Mode* N | Cip Code (first two digits only) FR _____ JR _____ SO _____ SR _____ | |
| Grading Information: Course is eligible for IP (in-progress grading) for: <u>Check all applicable</u> | | | FOR BANNER USE ONLY | |
| Thesis _____ | | | | |
| Internship _____ | | | | |
| Independent Study _____ Practicum _____ | | | | |
| Co-Requisites and Prerequisites | | | | |
| Co-Requisite(s): (List only co-requisites. See below for prerequisites and combinations.) | | | | |
| Course Prefix and No. | | | | |
| Course Prefix and No. | | | | |
| Prerequisite(s): (List prerequisites only. List combinations below. Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.) | | | | |
| Course Prefix and No. | | <u>Admission to the master's degree program in computer science or the master's degree in math (computer science option)</u> | | |
| Course Prefix and No. | | | | |
| Test Scores | | | | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | | | | |
| Co-Requisite(s) and/or Prerequisite(s) Combination (Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.) | | | | |
| Course Prefix and No. | | | | |
| Test Scores | | | | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | | | | |
| Equivalent Course(s): (credit not allowed with; or formerly:) | | | | |
| Course Prefix and No. | | | | |
| Course Prefix and No. | | | | |
| Course Prefix and No. | | | | |

Proposed General Education Block: Please mark (X) in the appropriate Block or Blocks (e.g. – IVB(3) X).

| Block I (9) | Block II (3) | Block III (6) | Block IV (6) | Block V (9) | Block VI (3) | Block VII (6) | Block VIII (6) |
|-------------|--------------|---------------|--------------|-------------|--------------|---------------|----------------|
| IA (3) | II (3) | IIIA (3) | IVA (3) | VA (3) | VI (3) | VII (3) | VIII (3) |
| IB (3) | | IIIB (3) | IVB (3) | VB (3) | | VII (3) | VIII (3) |
| IC (3) | | | | VC (3) | | | |

NOTE: Do not forward validation tables with curriculum form.

Department of Computer Science
CSC 520/720 Course Syllabus

I. Course Number: CSC 520/720 (3 credit hours)

II. Course Title: Multimedia System Design

III. Course Description:

Prerequisite for CSC 520: CSC 120, or one of TEC 190, 255, 313, 355.

Prerequisite for CSC 720: Admission to the master's degree program in computer science, the master's degree in math (computer science option) or departmental approval.

Integration of multimedia technologies, design of scenes, computer algorithms, multimedia solution, and multimedia databases.

IV. Instructor:

Ka-Wing Wong

Office: Wallace 411

Phone: 859-622-1928

email: Ka-Wing.Wong@eku.edu

V. Required Text

Georghita Ghinea and Sherry Y. Chen, *Digital Multimedia Perception and Design*. Idea Group Publishing, 2006.

VI. Learning Outcomes:

CSC 520 and 720 common learning outcomes:

In this course, students will demonstrate the ability to:

1. Use multimedia system design software packages;
2. Write computer programs to processes multimedia data;
3. Describe problem-solving techniques applicable to multimedia system design.

Additional learning outcomes for CSC 720:

In addition, graduate students will also demonstrate the ability to:

4. Analyze the requirements of a multimedia system;
5. Formulate algorithms for solving problems involve multimedia.
6. Evaluate software solutions involve multimedia.

VII. Course Outline:

A breakdown of major topics to be covered in class and the approximate number of class contact hours for each topic is given below:

- | | |
|----------------------------------|-----------|
| 1. Multimedia system concepts | (5 hours) |
| 2. Advanced web design | (6 hours) |
| 3. Multimedia databases | (6 hours) |
| 4. Algorithm design | (6 hours) |
| 5. Scripting languages | (6 hours) |
| 6. Multimedia system integration | (6 hours) |

VIII. Course Requirements

One midterm exam

One final exam

Quizzes (up to 5)

Approximately 15 project assignments

A term project to design a multimedia system and an independent study paper to analyze algorithms for multimedia data retrieval. The minimum length of the paper is twenty pages.

Department of Computer Science
2020-2021 Course Schedule

IX. Grading and Evaluation Policies:

Grade Components:

Assignments 50%
Exams and quizzes..... 50%

Grading Scale for CSC 510: A (90-100), B (80-89), C (70-79), D (60-69), F (0-59)

Grading Scale for CSC 710: A (92-100), B (83-91), C (74-82), F (0-73)

Student Progress:

Students are required to check their midterm grade progress report with the instructor. Midterm grade is calculated based on the midterm exam score and the total assignment and quiz scores obtained in the first half of the semester.

X. Attendance Policy:

Attendance will be taken during lecture. Unexcused absences in excess of 10% of the scheduled meetings **will result in a one letter grade reduction for the course.** Unexcused absences in excess of 20% of the scheduled meetings **will result in a two letter grade reduction for the course.** Unexcused absences in excess of 30% of the scheduled meetings **will result in a three letter grade reduction for the course.** Students with unusual circumstances should advise the instructor of their situation immediately. Students will be held responsible for all announcements made in class.

XI. Important Dates:

See <http://www.registrar.eku.edu/schedule/EKUCompass.pdf> pages 14-19.

XII. Students with Disabilities:

If you are registered with the Office of Services for Individuals with Disabilities, please make an appointment with the course instructor to discuss any academic accommodations you need. If you need academic accommodations and are not registered with the Office of Services for Individuals with Disabilities, please contact the office on the third floor of the Student Services Building, by email at disabilities@eku.edu or by telephone at (859) 622-2933 V/TDD. Upon individual request, this syllabus can be made available in alternative forms.

XIII. Academic Integrity:

This course adheres to EKU's academic integrity policy. The policy is available at www.academicintegrity.eku.edu. Questions regarding the policy may be directed to the Office of Academic Integrity.

CAS-56

Curriculum Change Form
(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

Part I

| | | |
|-----------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------------------------------|
| (Check one) | Department Name | Computer Science |
| <input type="checkbox"/> New Course (Parts II, IV) | College | Arts & Sciences |
| <input type="checkbox"/> Course Revision (Parts II, IV) | *Course Prefix & Number | |
| <input type="checkbox"/> Course Dropped (Part II) | *Course Title <small>(30 characters)</small> | |
| <input type="checkbox"/> New Program (Part III) | *Program Title | Computer Science (B.S.) |
| <input checked="" type="checkbox"/> Program Revision (Part III) | | (Major <u> X </u> , Option <u> </u> ; Minor <u> </u> ; or Certificate <u> </u>) |
| <input type="checkbox"/> Program Suspended (Part III) | *Provide only the information relevant to the proposal. | |

| | | |
|-------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------|
| Proposal Approved by: | <u>Date</u> | |
| Departmental Committee | 2/28/07 | Graduate Council* |
| | | <u>Date</u> NA |
| <i>Is this a SACS Substantive Change?</i> | Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | Council on Academic Affairs |
| College Curriculum Committee | 3/19/07 | Approved <input checked="" type="checkbox"/> Disapproved |
| General Education Committee* | NA | <u>Date</u> 05/17/07 |
| Teacher Education Committee* | NA | Faculty Senate** |
| | | <u>Date</u> 09/10/07 |
| | | Board of Regents** |
| | | <u>Date</u> 01/18/08 |
| | | Council on Postsecondary Edu.*** |
| | | <u>Date</u> NA |

*If Applicable (Type NA if not applicable.)
**Approval needed for new, revised, or suspended programs
***Approval/Posting needed for new degree program or certificate program
****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.)
Revise the Computer Science degree to include two new options.

A. 2. Effective date: (Example: Fall 2001)
Fall 2007

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)

B. The justification for this action:

There is a definite interest in games and multimedia, and also to give students an option in bioinformatics. Also, rearrange courses so all non-CSC courses are listed as supporting courses, and fix the general education requirements for the Technology option to account for required supporting courses.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact:
None

Operating Expenses Impact:
None

Equipment/Physical Facility Needs:
None

Library Resources:
None

Part III. Recording Data for New, Revised, or Suspended Program

1. For a new program, provide the catalog description as being proposed.
2. For a revised program, provide the current program requirements using ~~strike through~~ for deletions and underlines for additions.
3. For a suspended program, provide the current program requirements as shown in catalog. List any options and/or minors affected by the program's suspension.

New or Revised* Program Text
 (*Use ~~strike through~~ for deletions and underlines for additions.)

Computer Science (B.S.)

CIP Code; 11.0101

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| Major Requirements | 48-54 <u>30-48</u> hours |
| Computer Science Core | 42 <u>24</u> hours |
| CSC 160, 190, 191, 195, 200 , 310, 312, 330 , 340, 370, 440, 460 and two of CSC 300, <u>303, 304, 312, 320, 330, 350, 370, 390, 400, 425, 490, 491, 520, 540, 545, 546, and 550</u> that are not required by the option. | |
| Options | |
| Computer Science (General) | 6 <u>24</u> hours |
| <i>(Accredited by the Computer Science Accreditation Commission of the Computer Science Accreditation Board)</i> CSC <u>200, 312, 320, 330, 370, 400, 440, and 460.</u> | |
| Computer Technology | 42 <u>21</u> hours |
| EET 254, 302, 303, 354 <u>CSC 200, 312, 330, 370, 440, 460, and 3 hours of CSC 349¹.</u> | |
| <u>Bioinformatics</u> | 6 hours |
| CSC 320 and 540. | |
| <u>Interactive Multimedia</u> | 24 hours |
| <u>CSC 120, 140, 303, 304, 330, 491, 520, and 550.</u> | |
| | |
| Supporting Course Requirements | 21-35 <u>30-55</u> hours |
| Computer Science (General) | 31-35 hours |
| EET 252; MAT 124* or 124H, 214, 224 or 224H, STA 270. Four courses in the natural sciences which must include one biological lab science course and one physical lab science course. Two of these four courses must also be one of the following sequences: BIO 121, 131; BIO 121, 141; CHE 111/115, 112/116; GLY 108, 109; or PHY 201, 202. The other two courses must be chosen from the above sequence courses or from the following: PHY 131, 132; or any 200 level or above science course that counts toward a science major. <u>If the BIO 121, 131 or BIO 121, 141 sequence is taken, both of the other two courses must be physical lab science courses taken from the above list of courses.</u> | |
| Computer Technology | 21-22 <u>30-31</u> hours |
| <u>3 hours of CSC 349¹; EET 251, 252, 253, 254, 257, 302, 303, EET-351, and 354; one of MAT 124*, 124H, 211*, or 261*</u> | |
| <u>Bioinformatics</u> | 55 hours |
| <u>BIO 121, 315, 331, 348, 511, 533, 3 hours of BIO 598; 3 hours of BIO 349; CHE 111/115, 112/116, 330, 361, 362; MAT 124*, STA 270, 320.</u> | |
| <u>Interactive Multimedia</u> | 34-35 hours |
| <u>COM 200; EET 252; MKT 301; MUS 290; STA 270; Two of ART 200, ARH 390 or 391; MAT 124*, 124H, 211*, or 261*; PHY 131 or 201; TEC 190, 255, 313, or 355; MAT 214*, 214H, or 3 credits from COM 320A-I.</u> | |
| | |
| General Education Requirements | 30-45 hours |
| Computer Science (General) | 30 hours |
| Standard General Education Program, excluding blocks II, IVA, IVB, VII (QS) <u>VII (NS)</u> and VIII (6 hours). Refer to Section Four of this Catalog for details on the General Education and University Requirements | |
| Computer Technology | 45 hours |
| Standard General Education Program, excluding block II. Refer to Section Four of this Catalog for details on the General Education and University Requirements | |

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Bioinformatics | <u>33 hours</u> |
| Standard General Education Program, excluding blocks II, IVA, IVB, and VIII (6 hours). Refer to Section Four of this Catalog for details on the General Education and University Requirements | |
| Interactive Multimedia | <u>33 hours</u> |
| Standard General Education Program, excluding blocks II, IIIA, IVB, VII (6 hours) Refer to Section Four of this Catalog for details on the General Education and University Requirements | |
| University Requirement | 1 hour |
| ASO 100. | |
| Free Electives | <u>69-18 hours</u> |
| Computer Science (General) | 14-18 hours |
| Computer Technology | 6-7 hours |
| Bioinformatics | <u>9 hours</u> |
| Interactive Multimedia | <u>11-12 hours</u> |
| Total Curriculum Requirements | 128 hours |

¹Under special circumstances, a student may seek an administrative waiver of the CSC 349 requirement from the Computer Science Curriculum Committee and the department chair. Waiver recipients are required to complete three semester hours of additional course work approved by the Computer Science Curriculum Committee

*A preparatory course in Mathematics (MAT 107 and/or MAT 109) may be required before admission to calculus

Curriculum Change Form

(Present only one proposed curriculum change per form)

(Complete only the section(s) applicable.)

Part I

| | | | | | | | | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|---------|-------------------|-------------------------|--|-------------------------------|--|----------------|----------------------------------------|--|----------------------------------------------------------|
| (Check one) <input type="checkbox"/> New Course (Parts II, IV) <input type="checkbox"/> Course Revision (Parts II, IV) <input type="checkbox"/> Course Dropped (Part II) <input type="checkbox"/> New Program (Part III) <input checked="" type="checkbox"/> Program Revision (Part III) <input type="checkbox"/> Program Suspended (Part III) | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Department Name</td> <td>Computer Science</td> </tr> <tr> <td>College</td> <td>Arts and Sciences</td> </tr> <tr> <td>*Course Prefix & Number</td> <td></td> </tr> <tr> <td>*Course Title (30 characters)</td> <td></td> </tr> <tr> <td>*Program Title</td> <td>Master of Science in Applied Computing</td> </tr> <tr> <td></td> <td>(Major ____, Option ____, Minor ____, or Certificate __)</td> </tr> </table> | Department Name | Computer Science | College | Arts and Sciences | *Course Prefix & Number | | *Course Title (30 characters) | | *Program Title | Master of Science in Applied Computing | | (Major ____, Option ____, Minor ____, or Certificate __) |
| Department Name | Computer Science | | | | | | | | | | | | |
| College | Arts and Sciences | | | | | | | | | | | | |
| *Course Prefix & Number | | | | | | | | | | | | | |
| *Course Title (30 characters) | | | | | | | | | | | | | |
| *Program Title | Master of Science in Applied Computing | | | | | | | | | | | | |
| | (Major ____, Option ____, Minor ____, or Certificate __) | | | | | | | | | | | | |
| *Provide only the information relevant to the proposal. | | | | | | | | | | | | | |

| | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| Proposal Approved by: Departmental Committee Is this a SACS Substantive Change? Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | Date 2/28/07 | Graduate Council* Council on Academic Affairs | Date _____ |
| College Curriculum Committee General Education Committee* Teacher Education Committee* | 3/19/07 NA NA | Approved <input checked="" type="checkbox"/> Disapproved _____ Faculty Senate** Board of Regents** Council on Postsecondary Edu.*** | _____ 05-17-07 _____ NA NA |

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.) Modify the Software Engineering Option. A. 2. Effective date: (Example: Fall 2001) Fall 2007 A. 3. Effective date of suspended programs for currently enrolled students: (if applicable) | |
| B. The justification for this action: Provide students the opportunity to take some of the new multimedia courses as part of the graduate degree. | |
| C. The projected cost (or savings) of this proposal is as follows: Personnel Impact: None Operating Expenses Impact: None Equipment/Physical Facility Needs: None Library Resources: None | |

Part III. Recording Data for New, Revised, or Suspended Program

1. For a new program, provide the catalog description as being proposed.
2. For a revised program, provide the current program requirements using ~~strikethrough~~ for deletions and underlines for additions.
3. For a suspended program, provide the current program requirements as shown in catalog. List any options and/or minors affected by the program's suspension.

New or Revised* Program Text
 (*Use ~~strikethrough~~ for deletions and underlines for additions.)

Core Requirements.....12 hours
 CSC 730, 815, 831, 834

Option in Software Engineering.....12 hours
 CSC 745, 746, 825, 835, two of CSC 720, 745, 746, and 750

Electives.....6 hours
Total Curriculum Requirements.....30 hours

Option in Business Computing.....12 hours
 CIS 815, 3 courses selected from ACC 820, ACC 850, CIS 860, FIN 824, Fin 850, CCT 850, and QMB 850

Electives.....6 hours
Total Curriculum Requirements.....30 hours

Option in Industrial Computing.....12 hours
 INT 730, 801, 804, 805.

Electives.....6 hours
Total Curriculum Requirements.....30 hours

Option in Bioinformatics*.....24 hours
 CSC 745, BIO 710 or STA 700, BIO 711, 801, 890, CECS 660 (Introduction to Bioinformatics at U of L), plus nine (9) credit hours at 800 level Bioinformatics research at U of L.

Total Curriculum Requirements.....36hours

ELECTIVES

Select 6 hours of electives from the following: ACC 820, ACC 850, BIO 710, 711, 801, 890, CCT 850, CIS 850, 870, CSC 720, 735, 740, 745, 746, 750, 812, 825, 833, 835, 842, 860, 890, 895, ECO 854, INT 706, 730, 801, 804, 805, FIN 824, 850, MAT 706, 755, 806, 871, 872, MGT 850, QMB 850, STA 700, 701, 720, 721, 775, 785, 880, ETC 830, 867. Credit in a student's declared option does not apply toward the elective requirements. At least half of the elective hours must be from 800 level courses. Also at least half of the elective hours must be CSC courses.

Curriculum Change Form
(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

Part I

| | | |
|-------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|
| <input type="checkbox"/> (Check one) New Course (Parts II, IV) | Department Name | Computer Science |
| <input type="checkbox"/> Course Revision (Parts II, IV) | College | Arts & Sciences |
| <input type="checkbox"/> Course Dropped (Part II) | *Course Prefix & Number | |
| <input type="checkbox"/> New Program (Part III) | *Course Title <small>(30 characters)</small> | |
| <input checked="" type="checkbox"/> Program Revision (Part III) | *Program Title | Minor in Interactive Media |
| <input type="checkbox"/> Program Suspended (Part III) | (Major __, Option __; Minor <u>X</u> ; or Certificate __) | |
| *Provide only the information relevant to the proposal. | | |

| | | |
|---------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------------------------|
| Proposal Approved by: | <u>Date</u> | |
| Departmental Committee | 02/28/07 | Graduate Council* |
| <i>Is this a SACS Substantive Change?</i> Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | | Council on Academic Affairs |
| College Curriculum Committee | 03/19/07 | Approved <u>X</u> Disapproved _____ |
| General Education Committee* | N/A | Faculty Senate** |
| Teacher Education Committee* | N/A | Board of Regents** |
| | | Council on Postsecondary Edu.*** |
| | | N/A |

*If Applicable (Type NA if not applicable.)
**Approval needed for new, revised, or suspended programs
***Approval/Posting needed for new degree program or certificate program
****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.)
Create a Minor in Interactive Media.

A. 2. Effective date: (Example: Fall 2001)
Spring 2008

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)

B. The justification for this action:
Create a minor for students who are interested in games and interactive media but don't want to take the major.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact:
None

Operating Expenses Impact:
None

Equipment/Physical Facility Needs:
None

Library Resources:
None

Part III. Recording Data for New, Revised, or Suspended Program

1. For a new program, provide the catalog description as being proposed.
2. For a revised program, provide the current program requirements using ~~strike through~~ for deletions and *underlines* for additions.
3. For a suspended program, provide the current program requirements as shown in catalog. List any options and/or minors affected by the program's suspension.

New or Revised* Program Text

(*Use ~~strike through~~ for deletions and underlines for additions.)

Minor in Interactive Media

A student may minor in Interactive Media by completing CSC 12-, 140, 160, 190, 191, 301, and 303.

Curriculum Change Form

(Present only one proposed curriculum change per form)

(Complete only the section(s) applicable.)

Part I

| | | | | | | | | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------|---------|-----|-------------------------|---------|-------------------------------|----------------------|----------------|--|--|------------------------------------------------------------|
| (Check one) <input type="checkbox"/> New Course (Parts II, IV) <input type="checkbox"/> Course Revision (Parts II, IV) <input checked="" type="checkbox"/> Course Dropped (Part II) <input type="checkbox"/> New Program (Part III) <input type="checkbox"/> Program Revision (Part III) <input type="checkbox"/> Program Suspended (Part III) | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Department Name</td> <td>Geography</td> </tr> <tr> <td>College</td> <td>A&S</td> </tr> <tr> <td>*Course Prefix & Number</td> <td>GEO 755</td> </tr> <tr> <td>*Course Title (30 characters)</td> <td>Advanced Cartography</td> </tr> <tr> <td>*Program Title</td> <td></td> </tr> <tr> <td></td> <td>(Major ____, Option ____, Minor ____, or Certificate ____)</td> </tr> </table> | Department Name | Geography | College | A&S | *Course Prefix & Number | GEO 755 | *Course Title (30 characters) | Advanced Cartography | *Program Title | | | (Major ____, Option ____, Minor ____, or Certificate ____) |
| Department Name | Geography | | | | | | | | | | | | |
| College | A&S | | | | | | | | | | | | |
| *Course Prefix & Number | GEO 755 | | | | | | | | | | | | |
| *Course Title (30 characters) | Advanced Cartography | | | | | | | | | | | | |
| *Program Title | | | | | | | | | | | | | |
| | (Major ____, Option ____, Minor ____, or Certificate ____) | | | | | | | | | | | | |

| | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| Proposal Approved by: Departmental Committee Is this a SACS Substantive Change? Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | Date 2/15/07 | Graduate Council* Council on Academic Affairs Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> | Date 5/4/07 05-17-07 |
| College Curriculum Committee | 3/19/07 | Faculty Senate** | NA |
| General Education Committee* | NA | Board of Regents** | NA |
| Teacher Education Committee* | NA | Council on Postsecondary Edu.*** | NA |

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| A. 1. Specific action requested: Drop GEO 755. | |
| A. 2. Effective date: Spring 2008 | |
| A. 3. Effective date of suspended programs for currently enrolled students: (if applicable) | |
| B. The justification for this action: GEO 555 is being revised to GEO 455, thus no longer needing the graduate-level version. | |
| C. The projected cost (or savings) of this proposal is as follows: Personnel Impact: None Operating Expenses Impact: NA Equipment/Physical Facility Needs: NA Library Resources: NA | |

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1. For a new course, provide the catalog text.
2. For a revised course, provide the current catalog text with the proposed text using strikethrough for deletions and underlines for additions.
3. For a dropped course, provide the current catalog text.

New or Revised Catalog Text (Present only on changes per form)

(*Use strikethrough for deletions and underlines for additions. Also include Crs. Prefix, No., and description, limited to 35 words.)

GEO 755 Advanced Cartography (3) A. Prerequisite: GEO 355 or departmental approval. Advanced techniques of cartographic presentation of data to include computer applications. 1 Lec/4 Lab.

| | | | |
|------------------------------|---------|------------------------------|--|
| Departmental Approval | 2/15/07 | Departmental Council | |
| College Curriculum Committee | 2/15/07 | College Curriculum Committee | |
| General Education Committee | NA | General Education Committee | |
| Faculty Senate | NA | Faculty Senate | |
| Board of Regents | NA | Board of Regents | |
| Program on Professionalism | | Program on Professionalism | |

Approval needed for new, revised, or suspended programs
 Approval needed for new degree program or for new program
 If applicable, type NA if not applicable

A.1. Special action requested: new GEO 755

A.2. Effective date: Spring 2007

A.3. Effective date of suspended programs for currently enrolled students (if applicable)

B. The justification for this action:
 GEO 755 is being revised to GEO 755, thus no longer needing the previous-level version.

C. The projected cost (or savings) of this program is as follows:
 Personnel Impact: none
 Operating Expense Impact: NA
 Equipment/Physical Facility Needs: NA
 Library Resources: NA

CAS-96

Curriculum Change Form

(Present only one proposed curriculum change per form)

(Complete only the section(s) applicable.)

Part I

| | | |
|--------------------------------------------------------------------|----------------------------------------------------------|----------------------|
| (Check one) | Department Name | Geography |
| <input type="checkbox"/> New Course (Parts II, IV) | College | A&S |
| <input checked="" type="checkbox"/> Course Revision (Parts II, IV) | *Course Prefix & Number | GEO 555 |
| <input type="checkbox"/> Course Dropped (Part II) | *Course Title (30 characters) | Advanced Cartography |
| <input type="checkbox"/> New Program (Part III) | *Program Title | |
| <input type="checkbox"/> Program Revision (Part III) | (Major ____, Option ____, Minor ____, or Certificate __) | |
| <input type="checkbox"/> Program Suspended (Part III) | *Provide only the information relevant to the proposal. | |

| | | |
|-------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Proposal Approved by: | <u>Date</u> | |
| Departmental Committee | 2/15/07 | Graduate Council* |
| | | Date NA |
| <i>Is this a SACS Substantive Change?</i> | Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | Council on Academic Affairs |
| College Curriculum Committee | 3/19/07 | Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> |
| General Education Committee* | NA | Date 05-17-07 |
| Teacher Education Committee* | NA | Faculty Senate** |
| | | Date NA |
| | | Board of Regents** |
| | | Date NA |
| | | Council on Postsecondary Edu.*** |
| | | Date NA |

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: Change GEO 555 to GEO 455, and change the title Advanced Cartography to GIS Cartography. Also, request change from 1Lec/4Lab to 2Lec/2Lab.

A. 2. Effective date: Spring 2008

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)

B. The justification for this action:

The course number change is consistent with the expected GIS skill level for this course, and the title change better describes the theme of the course. Change in course format is justified to match other GIS courses.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact: None

Operating Expenses Impact: NA

Equipment/Physical Facility Needs: NA

Library Resources: NA

Part IV. Recording Data for New or Revised Course (Record only new or changed course information.)

| | | | | |
|-----------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Course prefix (3 letters) GEO | Course Number (3 Digits) 455 | Effective Term (Example: Fall 2001) Spring 2008 | College/Division: AS <input checked="" type="checkbox"/> JS _____ BT _____ EM _____ ED _____ PC _____ HS _____ | Dept. (4 letters)* GEOG |
| Credit Hrs. | Weekly Contact Hrs. Lecture <u>2</u> Laboratory <u>2</u> Other _____ | | Repeatable Maximum No. of Hrs. _____ | |
| Schedule Type* (List all applicable) | Work Load (for each schedule type) | Grading Mode* | Class Restriction, if any: (undergraduate only) FR _____ JR _____ SO _____ SR _____ | |
| 1 | 2.0 | | | |
| 2 | 1.5 | | | |
| | | Grading Information: Course is eligible for IP (in-progress grading) for: <u>Check all applicable</u> | FOR BANNER USE ONLY Date of data entry _____ Data entry person _____ | |
| | | Thesis _____ | | |
| | | Internship _____ | | |
| | | Independent Study _____ | | |
| | | Practicum _____ | | |

Co-Requisites and Prerequisites

Co-Requisite(s): (List only co-requisites. See below for prerequisites and combinations.)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |

Prerequisite(s): (List prerequisites only. List combinations below. Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--------------------------------------------------------|
| Course Prefix and No. | GEO 355 353 or instructor <u>departmental</u> approval |
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Co-Requisite(s) and/or Prerequisite(s) Combination (Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Equivalent Course(s): (credit not allowed with; or formerly:)

| | |
|-----------------------|------------------|
| Course Prefix and No. | Formerly GEO 555 |
| Course Prefix and No. | |
| Course Prefix and No. | |

Proposed General Education Block: Please mark (X) in the appropriate Block or Blocks (e.g. – IVB(3) X).

| Block I (9) | Block II (3) | Block III (6) | Block IV (6) | Block V (9) | Block VI (3) | Block VII (6) | Block VIII (6) |
|-------------|--------------|---------------|--------------|-------------|--------------|---------------|----------------|
| IA (3) | II (3) | IIIA (3) | IVA (3) | VA (3) | VI (3) | VII (3) | VIII (3) |
| IB (3) | | IIIB (3) | IVB (3) | VB (3) | | VII (3) | VIII (3) |
| IC (3) | | | | VC (3) | | | |

NOTE: Do not forward validation tables with curriculum form.

(*Use Validation Tables.)

GEO 455: GIS CARTOGRAPHY

Fall 2007

Instructor: C. Dewayne Sims **Office:** not on campus **Phone:** 859.985.1907 (home, evenings and weekends), 606.674.6658 (office, 9am to 5pm) **Email:** geo.sims@yahoo.com **Credit Hours:** 3
When: Mondays 6:00 pm to 8:45 pm **Where:** Roark 202 **Prerequisites:** No official prerequisite is required, although knowledge of ESRI ArcGIS suite of

software is assumed.

Course Description:

Advanced techniques of cartographic presentation of data to include computer applications using ESRI ArcGIS software.

Objectives:

1. Gain a better understanding of major cartographic principles.
2. Understanding and application of different thematic mapping techniques.
3. Ability to meaningfully visualize geographic data.

Content Outline:

The following is a brief course outline. The materials will be covered in this general order, but some modifications may be made. Elements of Cartographic Design A Brief History of Cartography Principles of Symbolization

Data Classification
Scale Map Projections Principles of
Color Choropleth Mapping
Isarithmic Mapping Proportional
Symbol Mapping Bivariate and
Multivariate Mapping Fonts,
Labels, and Symbols Geographic
Visualization

Required Texts:

Slocum, Terry A., 2005. *Thematic Cartography and Geographic Visualization, Second Edition*. Prentice Hall, ISBN 0-13-035123-7, 518pp.

Brewer, Cynthia A., 2005. *Designing Better Maps: A Guide for GIS Users*. ESRI Press, ISBN 1-58948-089-9, 202pp.

Methods:

Instructional methods include lectures, laboratories, written exercises and use of literature.

Attendance Policy: Attendance will be taken as required. Much of the factual information for which the students are responsible is contained in the lectures and laboratory exercises. Therefore, absences will be detrimental to the students understanding of the subject matter, and will be considered in evaluating the students' class participation. An unexcused (bv university standards) absence for an examination will result in a zero grade for that exam!

Assignments:

Reading, project, and homework assignments are given to supplement the lecture materials. Unless changed by the instructor, it is assumed that the student will have completed the assignment prior to coming to lecture on the due

date. Homework turned in after the due date will be penalized 10percent of the grade for every day past the due date. Homework will not be accepted that is more than one class period late.

Term Mapping Project: Each student will independently do a term mapping project. I would like you to turn in a statement describing the topic of interest before (or on) DATE goes here. If you can not think of a topic, please see me, and I will help you choose one. During the 14th week of class each student will give a short presentation on the project to the rest of the class. A detailed outline of requirements and expectations will be given out next week.

Examinations: Two examinations, Midterm and Final, will be given. The Midterm Exam will include all materials assigned or presented through the previous weeks. The Final Exam will include all materials assigned or presented since the Midterm Exam. Question format may include multiple-choice, fill-in, matching, true and false, problems, essay, and identification type questions.

Biographical Sketch: To become better acquainted with the field of cartography, one cartographer of your choice is to be reviewed and synopsised assessing his/her cartographic career and major contribution(s) to the discipline. The report should be approximately 2,500 words in length, excluding reference list. Include a title page, abstract, introduction, discussion, conclusion and list of references. The report will be graded based on content, presentation, and neatness. You should therefore present a logical, coherent discussion.

Quizzes/Class Participation: Up to 4 quizzes may be given during the semester at the instructor's discretion. These quizzes will be given during the last 10 to 15 of the class period. Each quiz will emphasize the material covered since the previous exam, including material discussed during the earlier lecture. If all four quizzes are not administered during the semester the percentage points for those quizzes will be rolled into class participation points. Participation points are given based on the students' active involvement in classroom Q and A, discussions, and attentiveness.

Grading: The final grade for this course will be determined on the following basis:

| | Weight 15% | From 90% | To | |
|-----------------------|------------|----------|---------------|---|
| Lecture Midterm | | | 100% | A |
| Lecture Final | 15% | 80% | 89% | B |
| Mapping Project | 15% | 70% | 79% | C |
| Biographical Sketch | 10% | 60% | 69% | D |
| Quizzes/Participation | 10% | | less than 60% | E |
| Lab Exercises | 35% | | | |

Lab exercises are due at the beginning of class 1 week from the assignment, unless otherwise specified.

Academic Honesty: ECU has established academic honest policies outlined in the student handbook. But just in case; cheating and plagiarism are impermissible. This includes but is not limited to the use of unauthorized books, notebooks, or other sources in order to secure or give help during an examination, the unauthorized copying of examinations, assignments, reports, or term papers, or the presentation of unacknowledged material as if it were the student's own work.

Institutional Policy on Assistance: Disability statement: If you are registered with the Office of Services for Individuals with Disabilities, please notify the course instructor to discuss any academic accommodations you need. If you need academic accommodations and are not registered with the Office of Services for Individuals with Disabilities, please contact the office on the third floor of the Student Services Building, by email at disabilities@eku.edu or by telephone at 2933 V/TDD. Upon individual request, this syllabus can be made available in alternative forms.

CAS-102

Curriculum Change Form

(Present only one proposed curriculum change per form)

(Complete only the section(s) applicable.)

Part I

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (Check one) <input type="checkbox"/> New Course (Parts II, IV) <input type="checkbox"/> Course Revision (Parts II, IV) <input type="checkbox"/> Course Dropped (Part II) <input type="checkbox"/> New Program (Part III) <input checked="" type="checkbox"/> Program Revision (Part III) <input type="checkbox"/> Program Suspended (Part III) | Department Name <u>Geography</u> College <u>Arts & Sciences</u> *Course Prefix & Number _____ *Course Title (30 characters) _____ *Program Title <u>Geography (B.A.)</u> (Major <input checked="" type="checkbox"/> , Option ____; Minor ____; or Certificate ____) *Provide only the information relevant to the proposal. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| Proposal Approved by: _____ Departmental Committee _____ Is this a SACS Substantive Change? Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | Date <u>3/2/07</u> Date <u>4/16/07</u> NA NA | Graduate Council* _____ Council on Academic Affairs _____ Approved <input checked="" type="checkbox"/> Disapproved _____ Faculty Senate** _____ Board of Regents** _____ Council on Postsecondary Edu.*** _____ | Date _____ Date <u>05-17-07</u> NA NA NA NA |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.)
 Corrections for catalog to reflect recent curriculum changes.

A. 2. Effective date: (Example: Fall 2001)
 Spring 2008

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)

B. The justification for this action:
 Several course descriptions, numbers, and prerequisites were approved for changes.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact:
 None

Operating Expenses Impact:
 None

Equipment/Physical Facility Needs:
 None

Library Resources:
 None

Part III. Recording Data for New, Revised, or Suspended Program

1. For a new program, provide the catalog description as being proposed.
2. For a revised program, provide the current program requirements using strikethrough for deletions and underlines for additions.
3. For a suspended program, provide the current program requirements as shown in catalog. List any options and/or minors affected by the program's suspension.

New or Revised* Program Text
 (*Use strikethrough for deletions and underlines for additions.)

Geography (B.A.)

CIP Code: 45.0701

Major Requirements 39 hours

Geography Core 15 hours

GEO 200, 210, 220, 351, and 490.

Geography Electives 24 hours

(18 hours must be upper division)

Majors are strongly encouraged to select their GEO elective hours and free elective hours in consultation with an advisor from one of the speciality areas:

Specialty Areas:

Global Studies

GEO 205, 302, 304, 305, 322; 3 hours from GEO 315, 341, 342, 343, 344, or 347; and 6 hours from ANT 435; ECO 394; GEO 330; HIS 347; POL 220; or an Accredited Study Abroad Program.

Geotechniques

GEO 353, 355, 455, 456, 553, 555, and 556.

Natural Resources

GEO 302, 330, 435; GEO 325 or 430; and 6 hours of upper-division BIO, NAT, GLY, or EHS in consultation with advisor.

Community and Regional Planning

GEO 225; GEO 321 or 330; GEO 430 or 525; 6 hours from GEO 321, 325, 330, 435; and 6 hours of upper-division SOC, POL, RST, SPE or EHS in consultation with advisor.

Supporting Course Requirements 12 hours

CIS 212 or CSC 104; GLY 108; SOC 232; and ECO 120 or ECO 230.

General Education Requirements 39 hours

Standard General Education program, excluding blocks IVB, VB, and VII (QS). Refer to Section Four of this *Catalog* for details on the General Education and University requirements.

University Requirement 1 hour

ASO 100

Free Electives 37 hours

Total Curriculum Requirements 128 hours

Curriculum Change Form
(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

Part I

| | | | |
|-----------------------------------------------------------------|----------------------------------------------------------|------------------------|--|
| (Check one) | Department Name | Geography | |
| <input type="checkbox"/> New Course (Parts II, IV) | College | Arts & Sciences | |
| <input type="checkbox"/> Course Revision (Parts II, IV) | *Course Prefix & Number | | |
| <input type="checkbox"/> Course Dropped (Part II) | *Course Title (30 characters) | | |
| <input type="checkbox"/> New Program (Part III) | *Program Title | Minor in Geotechniques | |
| <input checked="" type="checkbox"/> Program Revision (Part III) | (Major ____, Option ____, Minor ____, or Certificate __) | | |
| <input type="checkbox"/> Program Suspended (Part III) | *Provide only the information relevant to the proposal. | | |

| | | |
|-------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------------------------------------|
| Proposal Approved by: | Date | Date |
| Departmental Committee | 3/2/07 | Graduate Council* NA |
| <i>Is this a SACS Substantive Change?</i> Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | | Council on Academic Affairs |
| College Curriculum Committee | 4/16/07 | Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> 05-17-07 |
| General Education Committee* | NA | Faculty Senate** NA |
| Teacher Education Committee* | NA | Board of Regents** NA |
| | | Council on Postsecondary Edu.*** NA |

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.)
 Corrections for catalog to reflect recent curriculum changes.

A. 2. Effective date: (Example: Fall 2001)
 Spring 2008

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)

B. The justification for this action:
 Several course descriptions, numbers, and prerequisites were approved for changes.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact:
 None

Operating Expenses Impact:
 None

Equipment/Physical Facility Needs:
 None

Library Resources:
 None

Part III. Recording Data for New, Revised, or Suspended Program

1. For a new program, provide the catalog description as being proposed.
2. For a revised program, provide the current program requirements using **strikethrough** for deletions and **underlines** for additions.
3. For a suspended program, provide the current program requirements as shown in catalog. List any options and/or minors affected by the program's suspension.

New or Revised* Program Text
(*Use **strikethrough** for deletions and **underlines** for additions.)

Minor in Geotechniques

A student may minor in geotechniques by completing a total of 18 hours as follows: 6 hours from GEO 200, 210, or 220; GEO 353; 355; 455; 456; GEO-555 GEO 495 (GIS Practicum) or GEO 556.

Editorial Change - Curriculum Form
(Present only one curriculum editorial change per form)
(Complete only the section(s) applicable.)

Part I

| | | |
|------------------------------------------------------------------|-----------------------------------------------------------------|-------------|
| Department Name | <u>Geography</u> | |
| College | <u>Arts & Sciences</u> | |
| *Course Prefix & Number | _____ | |
| *Course Title (30 characters) | _____ | |
| *Program Title | <u>Minor in Community and Regional Planning</u> | |
| | <u>(Major __, Option __; Minor <u>X</u>; or Certificate __)</u> | |
| *Provide only the information relevant to the proposal. | | |
| Original Proposal Approved by the Council on Academic Affairs on | | Date: _____ |

Completion of A is required: (Please be specific, but concise.)

| | |
|--------------------------------------|----------------------------------------------------------------------------|
| 1. Specific action requested: | (Example: To increase the number of credit hours for ABC 100 from 1 to 2.) |
| | Corrections for catalog to reflect recent curriculum changes. |
| A. 2. Effective date: | (Example: Fall 2001) |
| | Spring 2008 |

Part III. Recording Data for Revised Program

| | |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | For a revised program, provide (a) the current program requirements and (b) the revised program, reflecting the exact changes being proposed. |
| | <p>New or Revised* Program (*Use <u>strikeout</u> for deletions and <u>underlines</u> for additions.)</p> <p>Minor in Community and Regional Planning</p> <p>A student may minor in community and regional planning by completing a total of 18 hours as follows: 6 hours from GEO 200, 210 or 220; GEO 225; GEO 430 or 525; 6 hours from GEO 321, 330, 325 and 435.</p> |

Curriculum Change Form

(Present only one proposed curriculum change per form)

(Complete only the section(s) applicable.)

Part I

| | | |
|--------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------|
| (Check one) | Department Name | Mathematics & Statistics |
| New Course (Parts II, IV) | College | Arts and Sciences |
| <input checked="" type="checkbox"/> Course Revision (Parts II, IV) | *Course Prefix & Number | STA 500 |
| Course Dropped (Part II) | *Course Title (30 characters) | Applied Statistical Inference |
| New Program (Part III) | *Program Title | (Major ____, Option ____, Minor ____, or Certificate __) |
| Program Revision (Part III) | *Provide only the information relevant to the proposal. | |
| Program Suspended (Part III) | | |

| | | |
|-------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Proposal Approved by: | Date | Date |
| Departmental Committee | 2/16/2007 | Graduate Council* NA |
| <i>Is this a SACS Substantive Change?</i> | Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | Council on Academic Affairs |
| College Curriculum Committee | 3/19/07 | Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> 05-17-07 |
| General Education Committee* | NA | Faculty Senate** NA |
| Teacher Education Committee* | NA | Board of Regents** NA |
| | | Council on Postsecondary Edu.*** NA |

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.)
 To change the "equivalencies".

A. 2. Effective date: (Example: Fall 2001)
 Spring 2008

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)

B. The justification for this action:
 The two courses that are not allowed together do not have enough overlap to justify this exclusion.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact:
 No impact

Operating Expenses Impact:
 None known

Equipment/Physical Facility Needs:
 Current labs will be used.

Library Resources:
 Existing Resources are adequate.

Part II. Recording Data for New, Revised, or Dropped Course

(For a new required course, complete a separate request for the appropriate program revisions.)

1. For a new course, provide the catalog text.
2. For a revised course, provide the current catalog text with the proposed text using strike through for deletions and underlines for additions.
3. For a dropped course, provide the current catalog text.

New or Revised* Catalog Text

(*Use strike through for deletions and underlines for additions. Also include Crs. Prefix, No., and description, limited to 35 words.)

STA 500 Applied Statistical Inference. (3) A. Designed for students in all areas. A general background in statistical methods including normal distribution, point and interval estimation, hypothesis testing, regression, analysis of variance, software analysis packages. Credit will not be awarded to students who have credit for ECO 320 or ECO 848 or EPY 843 or PSY 301 or QMB 300 or STA 271 or STA 320 or ~~STA 524~~.

| | | | |
|----|----|----|----|
| MA | MA | MA | MA |
| MA | MA | MA | MA |
| MA | MA | MA | MA |
| MA | MA | MA | MA |

A.1. Specific action requested. (Example: To increase the number of credit hours for ACD 100 from 4 to 5.)

A.2. Effective date. (Example: 8/01/2001)

A.3. Effective date of suspension of program for currently enrolled students. (If applicable)

B. The justification for this action.

C. The projected cost (or savings) of the proposal is as follows:

Personal Impact:

No impact

Operating Expenses Impact:

None known

Equipment/Physical Facility Needs:

None known

Faculty Resources:

None known

Student Resources:

None known

Part IV. Recording Data for New or Revised Course (Record only new or changed course information.)

| | | | | |
|-----------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------|
| Course prefix (3 letters) | Course Number (3 Digits) | Effective Term (Example: Fall 2001) | College/Division: | Dept. (4 letters)* |
| STA | 500 | Spring 2008 | AS <input checked="" type="checkbox"/> JS _____ BT _____ EM _____ ED _____ PC _____ HS _____ | MTST |
| Credit Hrs. | Weekly Contact Hrs. | | Repeatable Maximum No. of Hrs. _____ | |
| | Lecture _____ Laboratory _____ Other _____ | | Cip Code (first two digits only) | |
| Schedule Type* (List all applicable) | Work Load (for each schedule type) | Grading Mode* | Class Restriction, if any: (undergraduate only) | |
| | | | FR _____ JR _____ SO _____ SR _____ | |
| | | Grading Information: Course is eligible for IP (in-progress grading) for: <u>Check all applicable</u> | FOR BANNER USE ONLY | |
| | | Thesis _____ | | |
| | | Internship _____ | | |
| | | Independent Study _____ | | |
| | | Practicum _____ | | |
| | | | Date of data entry _____ | |
| | | | Data entry person _____ | |

Co-Requisites and Prerequisites

Co-Requisite(s): (List only co-requisites. See below for prerequisites and combinations.)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |

Prerequisite(s): (List prerequisites only. List combinations below. Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Co-Requisite(s) and/or Prerequisite(s) Combination (Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Equivalent Course(s): (credit not allowed with; or formerly:)

| | |
|-----------------------|----------|
| Course Prefix and No. | STA-521. |
| Course Prefix and No. | |
| Course Prefix and No. | |

Proposed General Education Block: Please mark (X) in the appropriate Block or Blocks (e.g. – IVB(3) X).

| Block I (9) | Block II (3) | Block III (6) | Block IV (6) | Block V (9) | Block VI (3) | Block VII (6) | Block VIII (6) |
|-------------|--------------|---------------|--------------|-------------|--------------|---------------|----------------|
| IA (3) | II (3) | IIIA (3) | IVA (3) | VA (3) | VI (3) | VII (3) | VIII (3) |
| IB (3) | | IIIB (3) | IVB (3) | VB (3) | | VII (3) | VIII (3) |
| IC (3) | | | | VC (3) | | | |

NOTE: Do not forward validation tables with curriculum form.

Curriculum Change Form

(Present only one proposed curriculum change per form)

(Complete only the section(s) applicable.)

Part I

| | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (Check one) <input type="checkbox"/> New Course (Parts II, IV) <input checked="" type="checkbox"/> Course Revision (Parts II, IV) <input type="checkbox"/> Course Dropped (Part II) <input type="checkbox"/> New Program (Part III) <input type="checkbox"/> Program Revision (Part III) <input type="checkbox"/> Program Suspended (Part III) | Department Name College *Course Prefix & Number *Course Title (30 characters) *Program Title (Major __, Option __; Minor __; or Certificate __) *Provide only the information relevant to the proposal. | Mathematics & Statistics Arts & Sciences STA 700 Applied Statistical Inference Date 2/16/2007 Graduate Council* Council on Academic Affairs Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> Faculty Senate** Board of Regents** Council on Postsecondary Edu.*** |
| Proposal Approved by: | | Date 5/4/07 |
| Departmental Committee | | Date 3/19/07 |
| Is this a SACS Substantive Change? Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | | Date 05-17-07 |
| College Curriculum Committee | | Date NA |
| General Education Committee* | | Date NA |
| Teacher Education Committee* | | Date NA |

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.)
 To change the "equivalencies".

A. 2. Effective date: (Example: Fall 2001)
 Spring 2008

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)

B. The justification for this action:
 The two courses that are not allowed together do not have enough overlap to justify this exclusion.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact:
 No impact

Operating Expenses Impact:
 None known

Equipment/Physical Facility Needs:
 Current labs will be used.

Library Resources:
 Existing Resources are adequate.

Part II. Recording Data for New, Revised, or Dropped Course

(For a new required course, complete a separate request for the appropriate program revisions.)

1. For a new course, provide the catalog text.
2. For a revised course, provide the current catalog text with the proposed text using **strikethrough** for deletions and **underlines** for additions.
3. For a dropped course, provide the current catalog text.

New or Revised* Catalog Text

(*Use **strikethrough** for deletions and **underlines** for additions. Also include Crs. Prefix, No., and description, limited to 35 words.)

STA 700 Applied Statistical Inference. (3) A. Designed for students in all areas. A general background in statistical methods including normal distribution, point and interval estimation, hypothesis testing, regression, analysis of variance, and software packages. Credit will not be awarded to students who have credit for ECO 320 or ECO 848 or EPY 843 or PSY 301 or QMB 300 or PSY 304 or STA 271 or STA 320 or STA 521 or STA 721. Credit does not apply toward the M.S. degree requirements.

| Department | Faculty | Chair | Approval |
|------------|---------|-------|----------|
| AA | | | |
| AA | | | |
| AA | | | |

1. Specific course information - Identify the course with the number of credit hours and the title.

2. Justification for the course - Explain why the course is needed and how it fits into the curriculum.

3. Prerequisites - List the prerequisite courses and explain why they are necessary.

4. Textbook - Identify the textbook and explain why it is the best choice.

5. Faculty - Identify the faculty member who will teach the course and explain why they are qualified.

6. Approval - Obtain approval from the appropriate committees and the faculty.

Part IV. Recording Data for New or Revised Course (Record only new or changed course information.)

| | | | | |
|-----------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------|
| Course prefix (3 letters) | Course Number (3 Digits) | Effective Term (Example: Fall 2001) | College/Division: | Dept. (4 letters)* |
| STA | 700 | Spring 2008 | AS <input checked="" type="checkbox"/> JS _____ BT _____ EM _____ ED _____ PC _____ HS _____ | MTST |
| Credit Hrs. | Weekly Contact Hrs. | | Repeatable Maximum No. of Hrs. _____ | |
| | Lecture _____ Laboratory _____ Other _____ | | Cip Code (first two digits only) | |
| Schedule Type* (List all applicable) | Work Load (for each schedule type) | Grading Mode* | Class Restriction, if any: (undergraduate only) | |
| | | | FR _____ JR _____ SO _____ SR _____ | |
| | | Grading Information: Course is eligible for IP (in-progress grading) for: <u>Check all applicable</u> | FOR BANNER USE ONLY Date of data entry _____ Data entry person _____ | |
| | | Thesis _____ | | |
| | | Internship _____ | | |
| | | Independent Study _____ | | |
| | | Practicum _____ | | |

Co-Requisites and Prerequisites

Co-Requisite(s): (List only co-requisites. See below for prerequisites and combinations.)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |

Prerequisite(s): (List prerequisites only. List combinations below. Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Co-Requisite(s) and/or Prerequisite(s) Combination (Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Equivalent Course(s): (credit not allowed with; or formerly:)

| | |
|-----------------------|-------------------|
| Course Prefix and No. | STA 521, STA 721. |
| Course Prefix and No. | |
| Course Prefix and No. | |

Proposed General Education Block: Please mark (X) in the appropriate Block or Blocks (e.g. – IVB(3) X).

| Block I (9) | Block II (3) | Block III (6) | Block IV (6) | Block V (9) | Block VI (3) | Block VII (6) | Block VIII (6) |
|-------------|--------------|---------------|--------------|-------------|--------------|---------------|----------------|
| IA (3) | II (3) | IIIA (3) | IVA (3) | VA (3) | VI (3) | VII (3) | VIII (3) |
| IB (3) | | IIIB (3) | IVB (3) | VB (3) | | VII (3) | VIII (3) |
| IC (3) | | | | VC (3) | | | |

NOTE: Do not forward validation tables with curriculum form.

Curriculum Change Form

(Present only one proposed curriculum change per form)

(Complete only the section(s) applicable.)

Part I

| | | |
|--------------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------|
| (Check one) | Department Name | Mathematics & Statistics |
| <input type="checkbox"/> New Course (Parts II, IV) | College | Arts & Sciences |
| <input checked="" type="checkbox"/> Course Revision (Parts II, IV) | *Course Prefix & Number | STA 521 |
| <input type="checkbox"/> Course Dropped (Part II) | *Course Title (30 characters) | Mathematical Statistics II |
| <input type="checkbox"/> New Program (Part III) | *Program Title | (Major ____, Option ____, Minor ____, or Certificate ____) |
| <input type="checkbox"/> Program Revision (Part III) | *Provide only the information relevant to the proposal. | |
| <input type="checkbox"/> Program Suspended (Part III) | | |

| | | |
|-------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Proposal Approved by: | Date | |
| Departmental Committee | 2/16/2007 | Graduate Council* |
| <i>Is this a SACS Substantive Change?</i> | Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | Council on Academic Affairs |
| College Curriculum Committee | 3/19/07 | Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> |
| General Education Committee* | NA | Faculty Senate** |
| Teacher Education Committee* | NA | Board of Regents** |
| | | Council on Postsecondary Edu.*** |

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.) To change the "equivalencies".</p> <p>A. 2. Effective date: (Example: Fall 2001) Spring 2008</p> <p>A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)</p> | <p>B. The justification for this action: The two courses that are not allowed together do not have enough overlap to justify this exclusion.</p> <p>C. The projected cost (or savings) of this proposal is as follows:</p> <p>Personnel Impact: No impact</p> <p>Operating Expenses Impact: None known</p> <p>Equipment/Physical Facility Needs: Current labs will be used.</p> <p>Library Resources: Existing Resources are adequate.</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Part IV. Recording Data for New or Revised Course (Record only new or changed course information.)

| | | | | |
|-----------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------|
| Course prefix (3 letters) | Course Number (3 Digits) | Effective Term (Example: Fall 2001) | College/Division: | Dept. (4 letters)* |
| STA | 521 | Spring 2008 | AS <input checked="" type="checkbox"/> JS _____ BT _____ EM _____ ED _____ PC _____ HS _____ | MTST |
| Credit Hrs. | Weekly Contact Hrs. | | Repeatable Maximum No. of Hrs. _____ | |
| | Lecture _____ Laboratory _____ Other _____ | | Cip Code (first two digits only) | |
| Schedule Type* (List all applicable) | Work Load (for each schedule type) | Grading Mode* | Class Restriction, if any: (undergraduate only) | |
| | | | FR _____ JR _____ SO _____ SR _____ | |
| | | Grading Information: Course is eligible for IP (in-progress grading) for: <u>Check all applicable</u> | FOR BANNER USE ONLY | |
| | | Thesis _____ | | |
| | | Internship _____ | | |
| | | Independent Study _____ | | |
| | | Practicum _____ | | |
| | | | Date of data entry _____ | |
| | | | Data entry person _____ | |

Co-Requisites and Prerequisites

Co-Requisite(s): (List only co-requisites. See below for prerequisites and combinations.)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |

Prerequisite(s): (List prerequisites only. List combinations below. Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Co-Requisite(s) and/or Prerequisite(s) Combination (Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Equivalent Course(s): (credit not allowed with; or formerly:)

| | |
|-----------------------|----------|
| Course Prefix and No. | STA-500- |
| Course Prefix and No. | |
| Course Prefix and No. | |

Proposed General Education Block: Please mark (X) in the appropriate Block or Blocks (e.g. – IVB(3) X).

| Block I (9) | Block II (3) | Block III (6) | Block IV (6) | Block V (9) | Block VI (3) | Block VII (6) | Block VIII (6) |
|-------------|--------------|---------------|--------------|-------------|--------------|---------------|----------------|
| IA (3) | II (3) | IIIA (3) | IVA (3) | VA (3) | VI (3) | VII (3) | VIII (3) |
| IB (3) | | IIIB (3) | IVB (3) | VB (3) | | VII (3) | VIII (3) |
| IC (3) | | | | VC (3) | | | |

NOTE: Do not forward validation tables with curriculum form.

Part II. Recording Data for New, Revised, or Dropped Course

(For a new required course, complete a separate request for the appropriate program revisions.)

1. For a new course, provide the catalog text.
2. For a revised course, provide the current catalog text with the proposed text using **strickethrough** for deletions and **underlines** for additions.
3. For a dropped course, provide the current catalog text.

New or Revised* Catalog Text

(*Use **strickethrough** for deletions and **underlines** for additions. Also include Crs. Prefix, No., and description, limited to 35 words.)

STA 721 Mathematical Statistics II.(3) A. Prerequisites: STA 520 or STA 720. A continuation of STA 720. Estimation theory, tests of hypothesis, linear regression, analysis of variance, allied topics. Credit will not be awarded to students who have credit for STA 500/700. It is strongly recommended that students have completed an undergraduate course in linear algebra.

| | | | | | |
|------------------------------------|----------|---------|-----|---|----|
| Departmental Committee | Approved | 2/10/07 | Yes | X | No |
| College Curriculum Committee | Approved | 2/10/07 | Yes | X | No |
| General Education Committee | Approved | 2/10/07 | Yes | X | No |
| Faculty Education Committee | Approved | 2/10/07 | Yes | X | No |
| Board of Regents | Approved | 2/10/07 | Yes | X | No |
| Council on Postsecondary Education | Approved | 2/10/07 | Yes | X | No |

Completion of A, B, and C is required (Please be specific, but concise)

A. Specific action requested: (Example: to increase the number of credit hours for ABC 100 from 1 to 5)

To change the "equivalency"

A. 1. Effective date: (Example: Fall 2007)

Spring 2008

A. 2. Effective date of withdrawal program for currently enrolled students: (if applicable)

B. The justification for the action:

The two courses that are not allowed together do not have enough overlap to justify the exception.

C. The proposal will be: (or delete) (if it is proposed to be removed)

Proposed impact:

No impact

Outgoing Expenses Impact:

None known

Current text will be used:

Other Resources:

Existing Resources in use:

Part IV. Recording Data for New or Revised Course (Record only new or changed course information.)

| | | | | |
|-----------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------|
| Course prefix (3 letters) | Course Number (3 Digits) | Effective Term (Example: Fall 2001) | College/Division: | Dept. (4 letters)* |
| STA | 721 | Spring 2008 | AS <input checked="" type="checkbox"/> JS _____ BT _____ EM _____ ED _____ PC _____ HS _____ | MTST |
| Credit Hrs. | Weekly Contact Hrs. | | Repeatable Maximum No. of Hrs. _____ | |
| | Lecture _____ Laboratory _____ Other _____ | | Cip Code (first two digits only) | |
| Schedule Type* (List all applicable) | Work Load (for each schedule type) | Grading Mode* | Class Restriction, if any: (undergraduate only) | |
| | | | FR _____ JR _____ SO _____ SR _____ | |
| | | Grading Information: Course is eligible for IP (in-progress grading) for: <u>Check all applicable</u> | FOR BANNER USE ONLY | |
| | | Thesis _____ | | |
| | | Internship _____ | | |
| | | Independent Study _____ | | |
| | | Practicum _____ | | |
| | | | Date of data entry _____ | |
| | | | Data entry person _____ | |

Co-Requisites and Prerequisites

Co-Requisite(s): (List only co-requisites. See below for prerequisites and combinations.)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |

Prerequisite(s): (List prerequisites only. List combinations below. Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Co-Requisite(s) and/or Prerequisite(s) Combination (Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Equivalent Course(s): (credit not allowed with; or formerly:)

| | |
|-----------------------|-------------------|
| Course Prefix and No. | STA 500. STA 700. |
| Course Prefix and No. | |
| Course Prefix and No. | |

Proposed General Education Block: Please mark (X) in the appropriate Block or Blocks (e.g. – IVB(3) X).

| Block I (9) | Block II (3) | Block III (6) | Block IV (6) | Block V (9) | Block VI (3) | Block VII (6) | Block VIII (6) |
|-------------|--------------|---------------|--------------|-------------|--------------|---------------|----------------|
| IA (3) | II (3) | IIIA (3) | IVA (3) | VA (3) | VI (3) | VII (3) | VIII (3) |
| IB (3) | | IIIB (3) | IVB (3) | VB (3) | | VII (3) | VIII (3) |
| IC (3) | | | | VC (3) | | | |

NOTE: Do not forward validation tables with curriculum form.

Curriculum Change Form

(Present only one proposed curriculum change per form)

(Complete only the section(s) applicable.)

Part I

| | | |
|---------------------------------------------------------------|----------------------------------------------------------|---------------------------|
| (Check one) | Department Name | Mathematics & Statistics |
| <input checked="" type="checkbox"/> New Course (Parts II, IV) | College | Arts & Sciences |
| <input type="checkbox"/> Course Revision (Parts II, IV) | *Course Prefix & Number | MAT 520 |
| <input type="checkbox"/> Course Dropped (Part II) | *Course Title (30 characters) | Mathematical Statistics I |
| <input type="checkbox"/> New Program (Part III) | *Program Title | |
| <input type="checkbox"/> Program Revision (Part III) | (Major ____, Option ____, Minor ____, or Certificate __) | |
| <input type="checkbox"/> Program Suspended (Part III) | *Provide only the information relevant to the proposal. | |

| | | |
|-------------------------------------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------------------|
| Proposal Approved by: | Date | Date |
| Departmental Committee | 2/21/2007 | Graduate Council* NA |
| <i>Is this a SACS Substantive Change?</i> Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | | Council on Academic Affairs |
| College Curriculum Committee | 3/19/07 | Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> 05-17-07 |
| General Education Committee* | NA | Faculty Senate** NA |
| Teacher Education Committee* | NA | Board of Regents** NA |
| | | Council on Postsecondary Edu.*** NA |

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.)
 To add the course, MAT 520.

A. 2. Effective date: (Example: Fall 2001)
 Spring 2008

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)

B. The justification for this action:
 This will allow us to cross list with STA 520.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact:
 No impact – course is already taught every fall as STA 520.

Operating Expenses Impact:
 None known

Equipment/Physical Facility Needs:
 Current labs will be used.

Library Resources:
 Existing Resources are adequate.

Part IV. Recording Data for New or Revised Course (Record only new or changed course information.)

| | | | | |
|-----------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------|
| Course prefix (3 letters) | Course Number (3 Digits) | Effective Term (Example: Fall 2001) | College/Division: | Dept. (4 letters)* |
| MAT | 520 | Spring 2008 | AS <input checked="" type="checkbox"/> JS _____ BT _____ EM _____ ED _____ PC _____ HS _____ | MTST |
| Credit Hrs. | Weekly Contact Hrs. | | Repeatable Maximum No. of Hrs. _____ | |
| 3 | Lecture <u>3</u> Laboratory _____ Other _____ | Cip Code (first two digits only) 27 | | |
| Schedule Type* (List all applicable) | Work Load (for each schedule type) | Grading Mode* | Class Restriction, if any: (undergraduate only) | |
| 1 | 3 | N | FR _____ JR _____ SO _____ SR _____ | |
| | | Grading Information: Course is eligible for IP (in-progress grading) for: <u>Check all applicable</u> | FOR BANNER USE ONLY | |
| | | Thesis _____ | | |
| | | Internship _____ | | |
| | | Independent Study _____ | | |
| | | Practicum _____ | | |
| | | | Date of data entry _____ | |
| | | | Data entry person _____ | |

Co-Requisites and Prerequisites

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Co-Requisite(s): (List only co-requisites. See below for prerequisites and combinations.) | |
| Course Prefix and No. | |
| Course Prefix and No. | |
| Prerequisite(s): (List prerequisites only. List combinations below. Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.) | |
| Course Prefix and No. | MAT 224 or 224H or 225 or 225H |
| Course Prefix and No. | and STA 215 or 270 or 370 or CRJ 400 or ECO 220 or ECO 848 or EPY 842 or HEA 450 or PSY 291 or QMB 200 |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |
| Co-Requisite(s) and/or Prerequisite(s) Combination (Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.) | |
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |
| Equivalent Course(s): (credit not allowed with; or formerly:) | |
| Course Prefix and No. | credit not allowed with STA 520 |
| Course Prefix and No. | |
| Course Prefix and No. | |

Proposed General Education Block: Please mark (X) in the appropriate Block or Blocks (e.g. – IVB(3) X).

| Block I (9) | Block II (3) | Block III (6) | Block IV (6) | Block V (9) | Block VI (3) | Block VII (6) | Block VIII (6) |
|-------------|--------------|---------------|--------------|-------------|--------------|---------------|----------------|
| IA (3) | II (3) | IIIA (3) | IVA (3) | VA (3) | VI (3) | VII (3) | VIII (3) |
| IB (3) | | IIIB (3) | IVB (3) | VB (3) | | VII (3) | VIII (3) |
| IC (3) | | | | VC (3) | | | |

NOTE: Do not forward validation tables with curriculum form.

Curriculum Change Form

(Present only one proposed curriculum change per form)

(Complete only the section(s) applicable.)

Part I

| | | |
|---------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------|
| (Check one) | Department Name | Mathematics & Statistics |
| <input checked="" type="checkbox"/> New Course (Parts II, IV) | College | Arts & Sciences |
| <input type="checkbox"/> Course Revision (Parts II, IV) | *Course Prefix & Number | MAT 720 |
| <input type="checkbox"/> Course Dropped (Part II) | *Course Title (30 characters) | Mathematical Statistics I |
| <input type="checkbox"/> New Program (Part III) | *Program Title | |
| <input type="checkbox"/> Program Revision (Part III) | | (Major ____, Option ____, Minor ____, or Certificate ____) |
| <input type="checkbox"/> Program Suspended (Part III) | *Provide only the information relevant to the proposal. | |

| | | | |
|-------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------|
| Proposal Approved by: | <u>Date</u> | | <u>Date</u> |
| Departmental Committee | 2/21/2007 | Graduate Council* | 5/4/07 |
| <i>Is this a SACS Substantive Change?</i> | Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | Council on Academic Affairs | |
| College Curriculum Committee | 3/19/07 | Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> | 05-17-07 |
| General Education Committee* | NA | Faculty Senate** | NA |
| Teacher Education Committee* | NA | Board of Regents** | NA |
| | | Council on Postsecondary Edu.*** | NA |

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

| |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.) To add the course, MAT 720.</p> <p>A. 2. Effective date: (Example: Fall 2001) Fall 2007</p> <p>A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)</p> |
| <p>B. The justification for this action: This will allow us to cross list with STA 720.</p> |
| <p>C. The projected cost (or savings) of this proposal is as follows:</p> <p>Personnel Impact: No impact – course is already taught every fall as STA 720.</p> <p>Operating Expenses Impact: None known</p> <p>Equipment/Physical Facility Needs: Current labs will be used.</p> <p>Library Resources: Existing Resources are adequate.</p> |

Part II. Recording Data for New, Revised, or Dropped Course

(For a new required course, complete a separate request for the appropriate program revisions.)

1. For a new course, provide the catalog text.
2. For a revised course, provide the current catalog text with the proposed text using striketrough for deletions and underlines for additions.
3. For a dropped course, provide the current catalog text.

New or Revised* Catalog Text

(*Use striketrough for deletions and underlines for additions. Also include Crs. Prefix, No., and description, limited to 35 words.)

MAT 720 Mathematical Statistics I.(3) I. Cross listed as STA 720. Descriptive statistics, discrete and continuous probability distributions for one and two variables, functions of random variables, sampling distributions, expectations and generating functions. Credit will not be awarded to students who have credit for STA 720.

Part IV. Recording Data for New or Revised Course (Record only new or changed course information.)

| | | | | |
|-----------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|--------------------|
| Course prefix (3 letters) | Course Number (3 Digits) | Effective Term (Example: Fall 2001) | College/Division: | Dept. (4 letters)* |
| MAT | 720 | Spring 2008 | AS <input checked="" type="checkbox"/> JS _____ BT _____ EM _____ ED _____ PC _____ HS _____ | MTST |
| Credit Hrs. | Weekly Contact Hrs. | | Repeatable Maximum No. of Hrs. _____ | |
| 3 | Lecture <u>3</u> Laboratory _____ Other _____ | Cip Code (first two digits only) | | |
| Schedule Type* (List all applicable) | Work Load (for each schedule type) | Grading Mode* | Class Restriction, if any: (undergraduate only) | |
| 1 | 3 | N | FR _____ JR _____ SO _____ SR _____ | |
| | | | <div style="border: 2px solid black; padding: 5px; text-align: center;"> FOR BANNER USE ONLY </div> | |
| | | Grading Information: Course is eligible for IP (in-progress grading) for: <u>Check all applicable</u> | | |
| | | Thesis _____ | | |
| | | Internship _____ | | |
| | | Independent Study _____ Practicum _____ | | |
| | | | Date of data entry _____ | |
| | | | Data entry person _____ | |

Co-Requisites and Prerequisites

Co-Requisite(s): (List only co-requisites. See below for prerequisites and combinations.)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |

Prerequisite(s): (List prerequisites only. List combinations below. Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Co-Requisite(s) and/or Prerequisite(s) Combination (Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Equivalent Course(s): (credit not allowed with; or formerly:)

| | |
|-----------------------|----------------------------------------|
| Course Prefix and No. | credit not allowed with <u>STA 720</u> |
| Course Prefix and No. | |
| Course Prefix and No. | |

Proposed General Education Block: Please mark (X) in the appropriate Block or Blocks (e.g. – IVB(3) X).

| Block I (9) | Block II (3) | Block III (6) | Block IV (6) | Block V (9) | Block VI (3) | Block VII (6) | Block VIII (6) |
|-------------|--------------|---------------|--------------|-------------|--------------|---------------|----------------|
| IA (3) | II (3) | IIIA (3) | IVA (3) | VA (3) | VI (3) | VII (3) | VIII (3) |
| IB (3) | | IIIB (3) | IVB (3) | VB (3) | | VII (3) | VIII (3) |
| IC (3) | | | | VC (3) | | | |

NOTE: Do not forward validation tables with curriculum form.

DEPARTMENT OF MATHEMATICS AND STATISTICS

STA 520/720

Mathematical Statistics I (3 credit hours)

Fall 2006

Prerequisite: MAT 224; and STA 270 or 370; or departmental approval

Instructor: Dr. Patti Costello

Office: Wallace 406

Phone: 622-1932

E-Mail: Patti.Costello@eku.edu

Office Hours: 11:15 - 12:05 p.m. Monday, Wednesday, and Friday

11:00 - 12:15 p.m. Tuesday and Thursday

Other hours by appointment.

Note: Sometimes I will need to attend faculty meetings at 11:15 a.m. on MWF. When that happens, I will move my office hour for that day to 12:20 - 1:10 p.m.

Department Goal: To continue offering high-quality courses and teaching in baccalaureate and graduate programs in Mathematics, Mathematics/Teaching, and Statistics; general education and any courses and auxiliary services in the program areas needed to support other programs of the University at all levels; and developmental education.

'06-10' BS Statistics, Learning Objectives:

Application & Communication: Students will be able to apply statistical techniques to industrial problems and communicate results to a diverse audience.

Technology: - Students will demonstrate mastery of at least one statistical computing package routinely in use in the community and interpret its output.

Theory: - Students will demonstrate mastery of a broad range of intermediate-level statistical techniques of the type they will likely encounter in graduate work in Statistics.

'06-10' BS Mathematics, Learning Objectives

Communication: - Students will read, create, write, and orally communicate mathematical ideas.

Problem-solving: - Students will demonstrate mastery of problem-solving skills typically needed in graduate work and industry.

Technology: - Students will solve problems using technical computing software.

Course Objectives: The objective of this course is to provide the student with the background in basic probability theory necessary to study statistical inference. After a review of probability theory, topics covered are discrete and continuous random variables and their probability distributions, multivariate probability distributions, finding distributions of functions of random variables, sampling distributions, and the Central Limit Theorem.

Text: *Mathematical Statistics with Applications*, 6th edition, by William Mendenhall, Richard L. Scheaffer, and Dennis D. Wackerly

STA 520. They will be expected to have a deeper understanding of the material covered and they will be required to learn some material on their own outside of class and will work extra homework problems on that material. On each test, graduate students will be required to work at least one additional problem that requires higher order thinking skills such as proving results or synthesizing several topics that were covered. They will also take an extra quiz. That quiz will be worth 30 points, and their quiz score will be the total of their three quizzes in (2) plus this extra quiz, multiplied by 90/120. In addition, if a graduate student scores less than 70% on this extra quiz, their course grade will be lowered by one letter grade. Undergraduates may take the extra quiz for 5 extra credit points.

Note: The quiz for graduate students will be given in the week before final exams.

Grading:

(1) Exams and homework

3 Quizzes (15 minutes each)

Several computer and/or hand-written assignments

3 Tests (50 minutes each)

1 Comprehensive Final

(2) Grading:

The total number of points is 570. Each quiz is worth 30 points to give a total of 90 points for quizzes. The computer and/or hand-written assignments will be worth a **total** of 30 points. Each test is worth 100 points to give a total of 300 points for tests. The final exam is worth 150 points.

(3) Grading Scale:

A 513.0 - 570.0 total points

B 456.0 - 512.9 total points

C 399.0 - 455.9 total points

D 342.0 - 398.9 total points

F 0 - 341.9 total points

If your total points is in one of the above categories, you will receive at least this grade. It may be higher depending on the difficulty of the exams.

(4) Make-ups:

Make-up tests and quizzes will only be given for valid excuses and will tend to be somewhat more difficult than the original test or quiz.

Midterm Grade: Midterm grades should be viewable online on Saturday, October 7, 2006.

Attendance Policy: Regular class attendance is essential to learn the class material properly. Homework assignments will be given daily and discussed during the first fifteen minutes in the following class. Although attendance is not an official part of the grade, it may be used to determine grades which are borderline cases.

Class Preparation Time: According to the Student Handbook, for this course, students should expect to spend a minimum of three hours of outside preparation for every hour of lecture.

CAS-142

Academic Honesty and Responsibility

- 1) Anyone violating the usual standards for academic honesty, for example, anyone attempting to obtain or exchange information regarding any quiz or test, or anyone using a fraudulent excuse to qualify for a make-up, may receive a course grade of 'F'.
- 2) Collaboration: Students should not work together or copy another student's work for computer or hand-written assignments that are turned in. If you are caught copying or working together, you will definitely get a zero for the assignment, and **you may get an "F" for the course**. This includes the person who allows another person to copy his or her work as well as the person who copied, or all students who are working together. Working together might include, but is not limited to, discussing wording of an answer, discussing any computations or answers, etc. If you have questions regarding a required assignment, you should ask your instructor. **Do not** ask other students for help. **This policy will be enforced.**
- 3) Anyone behaving in a disruptive manner or refusing to follow the usual standards for academic behavior may be barred from attending class and may receive a course grade of 'F'.
- 4) Students are expected to be aware of the University Academic Integrity policies. Refer to <http://www.academicaffairs.eku.edu/integrity/>.

Department Policies

- 1) During class, cell phones and pagers must be turned off or set to a silent mode.
- 2) During resource-limited activities, such as in-class exams, students may not use the calculator function of a wireless communication device such as a cell phone or PDA.
- 3) Grades are neither posted nor given out over the phone.
- 4) No student may enroll more than twice for the same course taught by the Department of Mathematics and Statistics unless subsequent enrollments are during Summer School. Exceptions to this rule are by petition to the Chair.
- 5) Any student enrolling in a multiple section course for which s/he has already received a grade of "D", "F", or "W" from the instructor who is teaching the section may change to a section taught by a different instructor by seeing the Chair of the Department of Mathematics and Statistics. This change must be completed by the end of the drop/add period.

Disability Statement: If you are registered with the Office of Services for Individuals with Disabilities, please make an appointment with the course instructor to discuss any academic accommodations you need. If you need academic accommodations and are not registered with the Office of Services for Individuals with Disabilities, please contact the office on the third floor of the Student Services Building, by email at disserv@eku.edu or by telephone at (859) 622-2933 V/TDD. Upon individual request, this syllabus can be made available in alternative forms.

Tentative Schedule

| | |
|-------------------------------------|------------------------------------------|
| Chapter 1 | Aug 21 |
| Chapter 2 (Review 2.1-2.5, 2.7-2.9) | Aug 23 |
| Chapter 2 (Section 2.11) | Aug 25, 28 |
| Chapter 3 (Skip 3.6, 3.10, 3.11) | Aug 30, Sept 1, 6, 8, 11, 13, 15, 18, 20 |
| Chapter 4 (Skip 4.10, 4.11) | Sept 22, 27, 29, Oct 2, 4, 6, 11, 13 |
| Chapter 5 (Skip 5.9, 5.10, 5.11) | Oct 16, 20, 23, 25, 27, 30, Nov 1, 3, 6 |
| Chapter 6 (Skip 6.6, 6.7) | Nov 8, 10, 13, 15, 17, 20 |
| Chapter 7 (Skip 7.4) | Nov 27, Dec 1, 4, 6, 8 |

Tentative Test Schedule

| | |
|------------------------------|-----------------------------------|
| Test 1 on Sections 1.1 - 3.8 | Sept 25 |
| Test 2 on Sections 3.9 - 4.9 | Oct 18 |
| Test 3 on Sections 5.1 - 6.4 | Nov 29 |
| Final Exam on Chapters 1-7 | Dec 11th, 10:30 a.m. - 12:30 p.m. |

NOTE: Quiz dates and official test dates will be announced at least two class periods in advance.

CAS-144

Curriculum Change Form

(Present only one proposed curriculum change per form)

(Complete only the section(s) applicable.)

Part I

| | | |
|--------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------|
| <input type="checkbox"/> (Check one) | Department Name | Psychology |
| <input type="checkbox"/> New Course (Parts II, IV) | College | A&S |
| <input checked="" type="checkbox"/> Course Revision (Parts II, IV) | *Course Prefix & Number | PSY 291 |
| <input type="checkbox"/> Course Dropped (Part II) | *Course Title (30 characters) | Psychology: statistical-experimental I |
| <input type="checkbox"/> New Program (Part III) | *Program Title | |
| <input type="checkbox"/> Program Revision (Part III) | (Major __, Option __; Minor __; or Certificate __) | |
| <input type="checkbox"/> Program Suspended (Part III) | *Provide only the information relevant to the proposal. | |

| | | |
|-------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------------------------------|
| Proposal Approved by: | Date | Date |
| Departmental Committee | 4/16/07 | Graduate Council* NA |
| <i>Is this a SACS Substantive Change?</i> Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | | Council on Academic Affairs |
| College Curriculum Committee | 4/18/07 (electronic) | Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> 05-17-07 |
| General Education Committee* | NA | Faculty Senate** NA |
| Teacher Education Committee* | NA | Board of Regents** NA |
| | | Council on Postsecondary Edu.*** NA |

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.)
 Add PSY 250 Information Literacy in Psychology as a prerequisite for PSY 291.

A. 2. Effective date: (Example: Fall 2001)
 Spring 2008

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)

B. The justification for this action: PSY 250 is designed to provide students with skills necessary for success in PSY 291.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact: none

Operating Expenses Impact: none

Equipment/Physical Facility Needs: none

Library Resources: none

Part II. Recording Data for New, Revised, or Dropped Course

(For a new required course, complete a separate request for the appropriate program revisions.)

1. For a new course, provide the catalog text.
2. For a revised course, provide the current catalog text with the proposed text using strikethrough for deletions and underlines for additions.
3. For a dropped course, provide the current catalog text.

New or Revised* Catalog Text

(*Use strikethrough for deletions and underlines for additions. Also include Crs. Prefix, No., and description, limited to 35 words.)

PSY 291 Psychology: Statistical-Experimental I. (4) I, II. Cross listed: HEA 450. Prerequisite: MAT 105 or 106 with a grade of "C" or better or any math course above MAT 106, PSY 200 and 250 or departmental approval. Introduction to techniques and problems of the experimental method and statistical analysis in psychology. Representative experiments and data analysis will be discussed. Credit will not be awarded to students who have credit for HEA 450.

| | | | |
|----|------------------------------------|-----------------------------------------|-----------------------------|
| NA | Graduate Council | NA | Departmental Committee |
| NA | Council on Academic Affairs | <input checked="" type="checkbox"/> Yes | Faculty/Student Committee |
| NA | Approved/Disapproved | NA | General Education Committee |
| NA | Faculty Council | NA | Teacher Education Committee |
| NA | Board of Regents | NA | |
| NA | Council on Postsecondary Education | | |

If Applicable (Type NA if not applicable):
 **Approval needed for new degree program or additional program
 ***Approval needed for new degree program or additional program

A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 3)

A. 2. Effective date: (Example: Fall 2001)

A. 3. Effective date of suspended program for currently enrolled students (if applicable)

B. The justification for this action: (Example: This is needed to provide students with skills necessary for success in PSY 291)

C. The projected cost (or savings) of this proposal is as follows:

Personnel impact: none

Operating Expenses impact: none

Equipment/Physical Facility/Travel: none

Library impact: none

Part IV. Recording Data for New or Revised Course (Record only new or changed course information.)

| | | | | |
|-----------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------|
| Course prefix (3 letters) | Course Number (3 Digits) | Effective Term (Example: Fall 2001) | College/Division: | Dept. (4 letters)* |
| PSY | 291 | Spring 2008 | AS <input checked="" type="checkbox"/> JS _____ BT _____ EM _____ ED _____ PC _____ HS _____ | PSYC |
| Credit Hrs. | Weekly Contact Hrs. | | Repeatable Maximum No. of Hrs. _____ | |
| | Lecture _____ Laboratory _____ Other _____ | | Cip Code (first two digits only) | |
| Schedule Type* (List all applicable) | Work Load (for each schedule type) | Grading Mode* | Class Restriction, if any: (undergraduate only) | |
| | | | FR _____ JR _____ SO _____ SR _____ | |
| | | Grading Information: Course is eligible for IP (in-progress grading) for: <u>Check all applicable</u> | FOR BANNER USE ONLY | |
| | | Thesis _____ | | |
| | | Internship _____ | | |
| | | Independent Study _____ | | |
| | | Practicum _____ | | |
| | | | Date of data entry _____ | |
| | | | Data entry person _____ | |

Co-Requisites and Prerequisites

Co-Requisite(s): (List only co-requisites. See below for prerequisites and combinations.)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |

Prerequisite(s): (List prerequisites only. List combinations below. Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D .)

| | |
|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Course Prefix and No. | MAT 105 or 106 with a grade of "C" or better or any math course above MAT 106, PSY 200 and 250 or departmental approval |
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Co-Requisite(s) and/or Prerequisite(s) Combination (Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Equivalent Course(s): (credit not allowed with; or formerly:)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |
| Course Prefix and No. | |

Proposed General Education Block: Please mark (X) in the appropriate Block or Blocks (e.g. – IVB(3) X).

| Block I (9) | Block II (3) | Block III (6) | Block IV (6) | Block V (9) | Block VI (3) | Block VII (6) | Block VIII (6) |
|-------------|--------------|---------------|--------------|-------------|--------------|---------------|----------------|
| IA (3) | II (3) | IIIA (3) | IVA (3) | VA (3) | VI (3) | VII (3) | VIII (3) |
| IB (3) | | IIIB (3) | IVB (3) | VB (3) | | VII (3) | VIII (3) |
| IC (3) | | | | VC (3) | | | |

NOTE: Do not forward validation tables with curriculum form.

(*Use Validation Tables.)

Office of the Dean
Dr. David D. Gale, Dean
Dr. Deborah Whitehouse, Assoc. Dean
Julie K. Brewer, Administrative Assistant

EASTERN KENTUCKY UNIVERSITY
Serving Kentuckians Since 1906

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Deborah.whitehouse@eku.edu
Julie.Brewer@eku.edu



TO: Council on Academic Affairs

FROM: Deborah Whitehouse
Dr. Deborah Whitehouse, Associate Dean

SUBJECT: Agenda Items

DATE: May 14, 2007

Please include the attached curriculum proposals onto the agenda for the meeting of the Council on Academic Affairs on **May 17, 2007**.

EXERCISE AND SPORT SCIENCE

PROGRAM REVISION

MS Physical Education Revise progression policy – add PHE810 to ESS Foundation
and Chg. PUB730 to PHE730
pages 1 – 2 Eff. Spring 2008

HEALTH PROMOTION AND ADMINISTRATION

PROGRAM REVISION

Health Education Delete HEA594 from requirements - this course has been
dropped
pages 3 – 4 Eff. Spring 2008

Minor in School Health, P-12 (Teaching)

Revise requirements to better reflect changes in major and
general education
page 5

Editorial

Medical Assisting Technology

Correct general education and totals in catalog
page 6

INFORMATIONAL

OCCUPATIONAL THERAPY

Course Revisions

| | | |
|---------|-----------------------------------------------------------------------------------|-----------------------|
| OTS 335 | Add co-req. and edit description (syllabus attached) Pages 7 – 10 | Effective Spring 2008 |
| OTS421 | Add co-req. and minor edit to description (no syllabus attached) Pages 11 – 12 | Effective Spring 2008 |

NEW Course

| | | |
|--------|---------------------------------------------------------------------------------|-----------------------|
| OTS885 | Added elective course for graduate program (syllabus attached) Pages 13 – 17 | Effective Spring 2008 |
| | Page 18 (blank) | |

Courses Dropped

| | | |
|--------|-----------------------------------------------|-----------------------|
| OTS812 | Eliminate summer transition course Page 19 | Effective Spring 2008 |
| OTS814 | Eliminate summer transition course Page 20 | Effective Spring 2008 |

PROGRAM REVISION

| | | |
|--------------------------------------|--------------|-----------------------|
| Occupational Therapy Masters Program | Page 21 – 22 | Effective Spring 2008 |
|--------------------------------------|--------------|-----------------------|

INFORMATIONAL ITEM

- The return of the corrected syllabus for OTS520/720 for review
Pages 23 - 25

Curriculum Change Form
 (Present only one proposed curriculum change per form)
 (Complete only the section(s) applicable.)

Part I

| | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| (Check one) <input type="checkbox"/> New Course (Parts II, IV) <input type="checkbox"/> Course Revision (Parts II, IV) <input type="checkbox"/> Course Dropped (Part II) <input type="checkbox"/> New Program (Part III) <input checked="" type="checkbox"/> Program Revision (Part III) <input type="checkbox"/> Program Suspended (Part III) | Department Name College *Course Prefix & Number *Course Title (30 characters) *Program Title *Provide only the information relevant to the proposal. | Exercise and Sport Science Health Sciences M.S. Physical Education (Major __, Option __; Minor __; or Certificate __) |
| Proposal Approved by: | | Date |
| Departmental Committee | 3-2-07 | Graduate Council* |
| Is this a SACS Substantive Change? Yes*** <input type="checkbox"/> No <input checked="" type="checkbox"/> | | Date 5/4/07 |
| College Curriculum Committee | 4/18/07 | Council on Academic Affairs |
| General Education Committee* | NA | Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> |
| Teacher Education Committee* | NA | Faculty Senate** |
| | | Board of Regents** |
| | | Council on Postsecondary Edu.*** |
| | | NA |
| | | NA |

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

- A. 1. Specific action requested:** Change progression policy and add PHE810 to the ESS Foundation requirement and change PUB730 to PHE730 under the Sports Administration Option.
- A. 2. Effective date:** SPRING 2008
- A. 3. Effective date of suspended programs for currently enrolled students:**

B. The justification for this action: Due to an increase in the number of students entering the graduate program in exercise and sport science on probation included is the progression policy in program, this action is designed to reduce the number of students graduating from the program with grades of C or D in coursework. This action further seeks to improve the overall quality of graduates from the program. Also add PHE810 to the Exercise and Sport Science Foundation and change PUB730 to PHE730 under the Sports Administration Option to better serve the program.

C. The projected cost (or savings) of this proposal is as follows:

- Personnel Impact: **NONE**
- Operating Expenses Impact: **NONE**
- Equipment/Physical Facility Needs: **NONE**
- Library Resources: **NONE**

Part III. Recording Data for New, Revised, or Suspended Program

New or Revised* Program Text
(*Use strikethrough for deletions and underlines for additions.)

Change Admissions Criteria as Follows:

Admission — A student must have completed an undergraduate degree and meet the admission standards of the Graduate School have at least a 2.75 undergraduate GPA and a score of 700 combined on the verbal and quantitative sections and a 3.0 on the analytical section of the Graduate Record Examination (GRE), or a score of 320 on the Miller Analogies Test (MAT). Admission into the Master of Science degree program in Physical Education requires demonstration of adequate undergraduate preparation in physical education or in a field related to graduate study in physical education. Adequate preparation may be demonstrated in one of two ways: (1) Completion of a baccalaureate degree program with a major or minor or equivalent in physical education/exercise sport science or similarly named major or related discipline. Transcripts serve as adequate documentation for admission. (2) Submission of a professional portfolio, which includes a combination of relevant academic and experiential preparation. Presentation of a professional portfolio of work experience serves as documentation for admission consideration. Portfolio materials must document experiences and may include assessments by supervisors or other valid assessment reports.
Note: Students must submit relevant documents with their original application for admission to the Graduate School.

Probation and Progress in the Program

If, in any semester of study, a student's graduate grade point average falls below 3.0 for all courses taken after admission to the Program, the student will automatically be on academic probation. The student will be dismissed from the program following any second semester with a cumulative GPA below 3.0. A student in the Program is allowed to earn no more than one C, and no Ds or Fs in courses taken after admission to the Program.

Change Program of Study as Follows:

Program — A minimum of 30 hours of graduate is required.

Exercise and Sport Science Foundations 18 hours

PHE 800 or EDF 869 and select 15 additional hours from:
PHE 762, 810, 812, 814, 821, 822, 823, 825, 831, 833, 848, 851,
852, 869, 875, 891, 895.

Select one of the following options 12 hours

Exercise and Sport Science Option

Select one 800 level PHE course (3 hours) plus nine hours of PHE 700 and/or 800 level courses.*

Sports Administration Option

PHE 835, PUB PHE 730, and PHE 870 (6 hours) or PHE 839 (6 hours).

Exercise and Wellness Option

PHE 812, NFA 717, PHE 871 (6 hours).

Total Requirements 30 hours

*A maximum of nine hours of 700 level course works is allowed.

Curriculum Change Form
(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

Part I

| | | |
|-----------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------|
| (Check one) | Department Name | Health Promotion & Administration |
| <input type="checkbox"/> New Course (Parts II, IV) | College | Health Sciences |
| <input type="checkbox"/> Course Revision (Parts II, IV) | *Course Prefix & Number | |
| <input type="checkbox"/> Course Dropped (Part II) | *Course Title (30 characters) | |
| <input type="checkbox"/> New Program (Part III) | *Program Title | Health Education |
| <input checked="" type="checkbox"/> Program Revision (Part III) | (Major <u>XX</u> , Option <u>XX</u> ; Minor <u> </u> ; or Certificate <u> </u>) | |
| <input type="checkbox"/> Program Suspended (Part III) | *Provide only the information relevant to the proposal. | |

| | | | |
|-------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------------------------|---------------------|
| Proposal Approved by: | | <u> Date </u> | <u> Date </u> |
| Departmental Committee | 12-07-05 | Graduate Council* | NA |
| <i>Is this a SACS Substantive Change?</i> | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Council on Academic Affairs | |
| College Curriculum Committee | 02-14-07 | Approved <input type="checkbox"/> Disapproved <input type="checkbox"/> | |
| General Education Committee* | NA | Faculty Senate** | |
| Teacher Education Committee* | 4/24/07 | Board of Regents** | NA |
| | | Council on Postsecondary Edu.*** | NA |

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.)
 Delete HEA 594 from requirements as the course has been dropped.

A. 2. Effective date: (Example: Fall 2001)
Spring 2008

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)

B. The justification for this action:
 We are dropping this course from our curriculum

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact:
 n/a

Operating Expenses Impact:
 n/a

Equipment/Physical Facility Needs:
 N/A

Library Resources:
 n/a

Part III. Recording Data for New, Revised, or Suspended Program

New or Revised* Program Text
(*Use ~~strikethrough~~ for deletions and underlines for additions.)

Health Education (B.S.)

CIP Code: 51.1504

Major Requirements.....39-49 hours

Community Health Core.....33hours

HEA 202, 203, ~~285~~, ~~290~~, 315, 345 or ~~594~~; 375 or 592; 380, 450, 455, 580, 598.

Majors must select an option in Community Health, School Health P-12 (Teaching), or Wellness:

Community Health Courses.....16 hours

HEA 360, 416, 420, 463*; select three hours from HEA 498, 590, 591, 593, 595, 599, or SOC 353.

School Health, P-12 (Teaching).....6 hours

EME 586, and three hours from HEA 390, 391, 498, 590, 593, 595, or 599

Wellness.....15 hours

HEA 360, 463*, PHE 325, 433

Supporting Course Requirements.....12 – 27 hours

All Options.....12 hours

BIO 171, 301, NFA 201, and CIS 212 or CSC 104.

School Health, P-12 (Teaching).....1 hour

BIO 378

Wellness.....15 hours

PHE 312, 315, 320; REC 411, 460

Professional Education Requirements.....31 hours

(School Health Option only)

EDF 103, 203, 319, 413, EMS 499, ESE 490, 587, and SED 401,

General Education Requirements.....39 hours

Standard General Education program, excluding course categories VI and VII.

Refer to Section Four of the *Catalog* for details on the General Education and University Requirements.

University Requirement..... 1 hour

HSO 100.

Free Electives.....5-27 hours

Community Health.....27 hours

(13 of these elective hours are restricted to course work outside of the major and option)

School Health, P-12 (Teaching).....5 hours

Wellness.....13 hours

(All hours restricted to course work outside of the major and the option)

Total Curriculum Requirements....128 hours

Curriculum Change Form

(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

Part I

| | | | |
|-----------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------------|-----------------------------------------------------------|
| (Check one) | | Department Name | |
| <input type="checkbox"/> New Course (Parts II, IV) | <input type="checkbox"/> Course Revision (Parts II, IV) | College | Health Promotion and Administration |
| <input type="checkbox"/> Course Dropped (Part II) | <input type="checkbox"/> New Program (Part III) | *Course Prefix & Number | Health Sciences |
| <input checked="" type="checkbox"/> Program Revision (Part III) | <input type="checkbox"/> Program Suspended (Part III) | *Course Title (30 characters) | |
| | | *Program Title | Minor in School Health, P-12 (Teaching) |
| | | (Major __, Option __; Minor XX; or Certificate __) | |
| *Provide only the information relevant to the proposal. | | | |
| Proposal Approved by: | | Date | |
| Departmental Committee | | 12-06-06 | Graduate Council* Date |
| Is this a SACS Substantive Change? | | NA | |
| | | Yes*** <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| College Curriculum Committee | | 02-14-07 | Council on Academic Affairs |
| General Education Committee* | | N/A | Approved <input checked="" type="checkbox"/> Disapproved |
| Teacher Education Committee* | | 4/24/07 | 05-17-07 |
| | | | Faculty Senate** |
| | | | Board of Regents** |
| | | | NA |
| | | | Council on Postsecondary Edu.*** |
| | | | NA |

*If Applicable (Type NA if not applicable).
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested:
 Change courses in the School Health Education Minor to better reflect changes in the major and general education.

A. 2. Effective date: Spring 2008

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)

B. The justification for this action:
 Changes to the general education program and to our major have necessitated these changes in the minor.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact: N/A
 Operating Expenses Impact: N/A
 Equipment/Physical Facility Needs: N/A
 Library Resources: N/A

Part III. Recording Data for New, Revised, or Suspended Program

New or Revised* Program Text
 (*Use strikethrough for deletions and underlines for additions.)

Minor in School Health Education, P-12 (Teaching)

Minor Requirements.....23

HEA 202, 290, 315, 345 or 594; 375 or 592; NFA 201, EME 586, and three hours from HEA 203, 380, 390, 394, 455, 580, 590, 591, 593, 595 or 598.

**Editorial Change - Curriculum Form
(Present only one curriculum editorial change per form)
(Complete only the section(s) applicable.)**

Part I

| | | | |
|------------------------------------------------------------------|-----------------------------------------------------------------|----------------|--|
| Department Name | Health Promotion and Administration | | |
| College | Health Sciences | | |
| *Course Prefix & Number | _____ | | |
| *Course Title (30 characters) | _____ | | |
| *Program Title | Medical Assisting Technology | | |
| | (Major <u>X</u> , Option ____; Minor ____; or Certificate ____) | | |
| *Provide only the information relevant to the proposal. | | | |
| Original Proposal Approved by the Council on Academic Affairs on | Date: | April 19, 2007 | |

Completion of A is required: (Please be specific, but concise.)

| |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>A. 1. Specific action requested:</p> <p>Correct General Education area in catalog and totals – incorrect in new catalog.</p> <p>A. 2. Effective date: Fall 2007</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Part III. Recording Data for Revised Program

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | For a revised program, provide (a) the current program requirements and (b) the revised program, reflecting the exact changes being proposed. |
| <p>New or Revised* Program (*Use strikeout for deletions and <u>underlines</u> for additions.)</p> <p><u>Associate of Applied Science Degree</u> <u>MEDICAL ASSISTING TECHNOLOGY (A.A.S.)</u> <i>CIP Code: 51.0801</i></p> | |
| <p>Major Requirements..... 35 hours MAS 100, 200, 201, 323, 324, 355, 360, 390.</p> <p>Supporting Course Requirements..... 16 hours BIO 171, BIO 301, CCT 106, 201, CIS 212 or CSC 104, EMC 102 or HEA 202 and HEA 203.</p> <p>General Education Requirements.....16<u>12</u> hours Three hours wellness (block VI), three hours general education science (block IVA or IVB) <u>Social science (block VA or VB)</u> and six hours of English composition (blocks IA and IB).</p> <p>University Requirement..... 1 hour HSO 100.</p> <p>Total Curriculum Requirements.....64<u>68</u> hours</p> | |

Curriculum Change Form

(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

Part I

| | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| (Check one) <input type="checkbox"/> New Course (Parts II, IV) <input checked="" type="checkbox"/> Course Revision (Parts II, IV) <input type="checkbox"/> Course Dropped (Part II) <input type="checkbox"/> New Program (Part III) <input type="checkbox"/> Program Revision (Part III) <input type="checkbox"/> Program Suspended (Part III) | Department Name Occupational Therapy College Health Sciences *Course Prefix & Number OTS 335 *Course Title (30 characters) Professional Dynamics *Program Title _____ (Major ____, Option ____, Minor ____, or Certificate ____) | |
| Proposal Approved by: _____ Date: _____ | | |
| Departmental Committee Date: 4-3-07 Is this a SACS Substantive Change? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Graduate Council* Council on Academic Affairs Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> | Date: n/a Date: 05-17-07 |
| College Curriculum Committee Date: 4/18/07 | Faculty Senate** Board of Regents** Council on Postsecondary Edu.*** | NA NA NA |
| General Education Committee* Date: NA | | |
| Teacher Education Committee* Date: NA | | |

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes" SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.)
 To add OTS 302 as a co-requisite and change course description

A. 2. Effective date: Spring 2008

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)

B. The justification for this action: To foster integration of course content in the second seminar course (OTS 302)

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact: _____

Operating Expenses Impact: _____

Equipment/Physical Facility Needs: _____

Library Resources: _____

Part II. Recording Data for New, Revised, or Dropped Course

(For a new required course, complete a separate request for the appropriate program revisions.)
 New or Revised* Catalog Text

(*Use strikethrough for deletions and underlines for additions. Also include Crs. Prefix, No., and description, limited to 35 words.)

OTS 335 Professional Dynamics (3) A. Co-requisite: OTS 302. Analysis and application of communication skills necessary for becoming an effective health and human service provider team member. Strategies for fostering communication with diverse clients, professionals, organizations and agencies in relation to occupational behavior. Emphasis on theories of group dynamics, leadership and professional interaction skills, decision making and conflict resolution through active learning.

Part IV. Recording Data for New or Revised Course (Record only new or changed course information.)

| | | | | |
|------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------------------|---------------------------------------------------------------------------|--------------------|
| Course prefix (3 letters) | Course Number (3 Digits) | Effective Term (Example: Fall 2001) | College/Division: | Dept. (4 letters)* |
| OTS | 335 | SPRING 2008 | AS _____ JS _____ BT _____ EM _____ ED _____ PC _____ HS x _____ | OCCT |
| Credit Hrs. | Weekly Contact Hrs. | | Repeatable Maximum No. of Hrs. | |
| | Lecture _____ | Laboratory _____ | Other _____ | |
| Cip Code (first two digits only) 51 | | | | |
| Schedule Type* (List all applicable) | Work Load (for each schedule type) | Grading Mode* | Class Restriction, if any: (undergraduate only) | |
| | | | FR _____ | JR _____ |
| | | | SO _____ | SR _____ |
| Grading Information: Course is eligible for IP (in-progress grading) for: Check all applicable | | | FOR BANNER USE ONLY | |
| Thesis _____ | | | | |
| Internship _____ | | | | |
| Independent Study _____ | | | | |
| Practicum _____ | | | | |
| Date of data entry _____ | | Data entry person _____ | | |

Co-Requisites and Prerequisites **See definitions on following page**

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| Co-Requisite(s): (List only co-requisites. See below for prerequisites and combinations.) | |
| Course Prefix and No. | OTS 302 |
| Course Prefix and No. | |
| Prerequisite(s): (List prerequisites only. List combinations below. Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.) | |
| Course Prefix and No. | |
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |
| Co-Requisite(s) and/or Prerequisite(s) Combination (Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.) | |
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |
| Equivalent Course(s): (credit not allowed with; or formerly:) | |
| Course Prefix and No. | |
| Course Prefix and No. | |
| Course Prefix and No. | |

Proposed General Education Block: Please mark (X) in the appropriate Block or Blocks (e.g. – IVB(3) X).

| Block I (9) | Block II (3) | Block III (6) | Block IV (6) | Block V (9) | Block VI (3) | Block VII (6) | Block VIII (6) |
|-------------|--------------|---------------|--------------|-------------|--------------|---------------|----------------|
| IA (3) | II (3) | IIIA (3) | IVA (3) | VA (3) | VI (3) | VII (3) | VIII (3) |
| IB (3) | | IIIB (3) | IVB (3) | VB (3) | | VII (3) | VIII (3) |
| IC (3) | | | | VC (3) | | | |

LEARNING TO EMPOWER LIVES THROUGH OCCUPATION

**EASTERN KENTUCKY UNIVERSITY
DEPARTMENT OF OCCUPATIONAL THERAPY
OTS 335: PROFESSIONAL DYNAMICS
SPRING 2008**

Credits: 3

Instructors :

Kate Clark, MA, OTR/L
D – 244 622-6347
Kate.Clark@eku.edu

Kathy Splinter-Watkins, MOT, OTR/L, HPCS, FAOTA
D – 136 622-6322
Kathy.Splinter-Watkins@eku.edu

Catalogue Description: Co-requisite: OTS 302. Analysis and application of communication skills necessary for becoming an effective team member. Emphasis on theories of group dynamics, leadership and professional interaction skills, decision making and conflict resolution through active learning.

Course Objectives: Upon completion of the course, the learner will:

1. Demonstrate the ability to be an effective team member and leader.
2. Analyze and discuss group dynamics, including formal and informal procedures.
3. Analyze and discuss decision making and the relationship to professional communication
4. Demonstrate decision making and conflict resolution skills.
5. Demonstrate professional communication skills such as verbal, non-verbal and listening.
6. Demonstrate awareness and sensitivity to the communication styles of diverse others.

Required Texts:

Johnson, D. W., & Johnson, F. F. (2006). *Joining together: Group theory and group skills* (9th ed.). Boston: Allyn & Bacon.

Grading Practices:

All assignments will be graded using the following scale:
90 - 100 = A
80 - 89 = B
70 - 79 = C
60 - 69 = D
59 and below = F

Important Dates:

The last day to withdraw from this course is.
Midterm grades are determined by assignments completed by.

Student Progress:

Students are expected to analyze their progress according to the grades on their assignments. The instructor is available for meetings to discuss student progress and either student or instructor may initiate such a meeting.

Attendance:

Class attendance is considered the student's responsibility as an active learner. More than two unexcused absences constitute a failure in this course. Each student is responsible for any material missed because of absence. Students are expected to inform instructor and team members prior to absences.

Americans with Disabilities Act (ADA) Statement:

If you are registered with the Office of Services for Individuals with Disabilities, please make an appointment with the course instructor to discuss any academic accommodations you need. If you need academic accommodations and are not registered with the Office of Services for Individuals with Disabilities, please contact the office on the third floor of the Student Services Building, by email at disabilities@eku.edu or by telephone at (859) 622-2933 V/TDD. Upon individual request, this syllabus can be made available in alternative forms.

Academic Integrity:

Students are expected to abide by the Academic Integrity Policy of Eastern Kentucky University and the College of Health Sciences. A copy of the policy, including definitions, descriptions, and institutional procedures, is available in the *University Handbook for Students*.

Guidelines for Assignments:

1. All assignments are to be turned in at the beginning of the class period on the due date. Exceptions must have prior approval of instructor.
2. Assignments turned in late will be penalized one full grade for each day late.
3. No assignments will be accepted after the close of the last regularly scheduled meeting of the course.
4. Written assignments must use correct grammar, spelling and punctuation.
5. All assignments must be completed in order to pass the course.

Expectations for Outside Work

As per University policy, 3 hours outside preparation for each hour of lecture will be expected.

Course Requirements and Evaluation:

See attached course requirements and evaluation methods.

Course Outline:

See attached course outline.

Curriculum Change Form
 (Present only one proposed curriculum change per form)
 (Complete only the section(s) applicable.)

Part I

| | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------------------------------------------|
| (Check one) <input type="checkbox"/> New Course (Parts II, IV) <input checked="" type="checkbox"/> Course Revision (Parts II, IV) <input type="checkbox"/> Course Dropped (Part II) <input type="checkbox"/> New Program (Part III) <input type="checkbox"/> Program Revision (Part III) <input type="checkbox"/> Program Suspended (Part III) | Department Name | Occupational Therapy |
| | College | Health Sciences |
| | *Course Prefix & Number | OTS 421 |
| | *Course Title (30 characters) | Occupation Across the Lifespan |
| | *Program Title | (Major __, Option __; Minor __; or Certificate __) |
| *Provide only the information relevant to the proposal. | | |

| | | |
|-----------------------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------------------------------------|
| Proposal Approved by: | Date | Date |
| Departmental Committee | 4-3-07 | Graduate Council* NA |
| Is this a SACS Substantive Change? Yes*** <input type="checkbox"/> No <input checked="" type="checkbox"/> | | Council on Academic Affairs |
| College Curriculum Committee | 4/13/07 | Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> 05-17-07 |
| General Education Committee* | NA | Faculty Senate** NA |
| Teacher Education Committee* | NA | Board of Regents** NA |
| | | Council on Postsecondary Edu.*** NA |

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes" SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: To add OTS 302 as a co-requisite and change course description

A. 2. Effective date: Spring 2008

A. 3. Effective date of suspended programs for currently enrolled students:

B. The justification for this action: To foster integration of course content in the second seminar course (OTS 302)

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact: NONE

Operating Expenses Impact: NONE

Equipment/Physical Facility Needs: NONE

Library Resources: NONE

Part II. Recording Data for New, Revised, or Dropped Course
 (For a new required course, complete a separate request for the appropriate program revisions.)

- For a new course, provide the catalog text.
- For a revised course, provide the current catalog text with the proposed text using strikethrough for deletions and underlines for additions.
- For a dropped course, provide the current catalog text.

New or Revised* Catalog Text

(*Use strikethrough for deletions and underlines for additions. Also include Crs. Prefix, No., and description, limited to 35 words.)

OTS 421 Occupation Across the Lifespan (3) A. Co-requisite: OTS 302. The course examines the biophysical, cognitive and psychosocial development of a person as an occupational being. Content includes explores engagement in ~~productive, restorative and pleasurable~~ occupations ~~ever~~ across the lifespan.

Part IV. Recording Data for New or Revised Course (Record only new or changed course information.)

| | | | | |
|-----------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------|
| Course prefix (3 letters) | Course Number (3 Digits) | Effective Term (Example: Fall 2001) | College/Division: | Dept. (4 letters)* |
| OTS | 421 | Spring 2008 | AS _____ JS _____ BT _____ EM _____ ED _____ PC _____ HS X _____ | OCCT |
| Credit Hrs. | Weekly Contact Hrs. | | Repeatable Maximum No. of Hrs. | |
| | Lecture _____ | Laboratory _____ | Other _____ | |
| | | Cip Code (first two digits only) 51 | | |
| Schedule Type* (List all applicable) | Work Load (for each schedule type) | Grading Mode* | Class Restriction, if any: (undergraduate only) | |
| | | | FR _____ | JR _____ |
| | | | SO _____ | SR _____ |
| | | Grading Information: Course is eligible for IP (in-progress grading) for: <u>Check all applicable</u> | FOR BANNER USE ONLY Date of data entry _____ Data entry person _____ | |
| | | Thesis _____ | | |
| | | Internship _____ | | |
| | | Independent Study _____ | | |
| | | Practicum _____ | | |

Co-Requisites and Prerequisites **See definitions on following page**

Co-Requisite(s): (List only co-requisites. See below for prerequisites and combinations.)

Course Prefix and No. _____ OTS 302

Course Prefix and No. _____

Prerequisite(s): (List prerequisites only. List combinations below. Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D.)

Course Prefix and No. _____

Course Prefix and No. _____

Test Scores _____

Minimum GPA (when a course grouping or student cumulative GPA is required) _____

Co-Requisite(s) and/or Prerequisite(s) Combination (Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D.)

Course Prefix and No. _____

Test Scores _____

Minimum GPA (when a course grouping or student cumulative GPA is required) _____

Equivalent Course(s): (credit not allowed with; or formerly:)

Course Prefix and No. _____

Course Prefix and No. _____

Course Prefix and No. _____

Proposed General Education Block: Please mark (X) in the appropriate Block or Blocks (e.g. – IVB(3) X).

| Block I (9) | Block II (3) | Block III (6) | Block IV (6) | Block V (9) | Block VI (3) | Block VII (6) | Block VIII (6) |
|-------------|--------------|---------------|--------------|-------------|--------------|---------------|----------------|
| IA (3) | II (3) | IIIA (3) | IVA (3) | VA (3) | VI (3) | VII (3) | VIII (3) |
| IB (3) | | IIIB (3) | IVB (3) | VB (3) | | VII (3) | VIII (3) |
| IC (3) | | | | VC (3) | | | |

Curriculum Change Form
(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

Part I

| | | |
|---------------------------------------------------------------|---------------------------------------------------------|------------------------------------|
| (Check one) | Department Name | Occupational Therapy |
| <input checked="" type="checkbox"/> New Course (Parts II, IV) | College | Health Sciences |
| <input type="checkbox"/> Course Revision (Parts II, IV) | *Course Prefix & Number | OTS 885 |
| <input type="checkbox"/> Course Dropped (Part II) | *Course Title (30 characters) | Occupational Performance Standards |
| <input type="checkbox"/> New Program (Part III) | *Program Title | |
| <input type="checkbox"/> Program Revision (Part III) | (Major __, Option __; Minor __; or Certificate __) | |
| <input type="checkbox"/> Program Suspended (Part III) | *Provide only the information relevant to the proposal. | |

| | | |
|------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Proposal Approved by: | Date | Date |
| Departmental Committee | 2-6-07 | Graduate Council* |
| | | 5-4-07 |
| Is this a SACS Substantive Change? | Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | Council on Academic Affairs |
| College Curriculum Committee | 2-14-07 | Approved <input checked="" type="checkbox"/> Disapproved <input type="checkbox"/> |
| General Education Committee* | NA | 05-17-07 |
| Teacher Education Committee* | NA | Faculty Senate** |
| | | NA |
| | | Board of Regents** |
| | | NA |
| | | Council on Postsecondary Edu.*** |
| | | NA |

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.)
 Add an elective for graduate students

A. 2. Effective date: (Example: Fall 2001)
 Spring 2008

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)

B. The justification for this action:
 Occupational Therapy profession strongly encourages the use of evidence-based practice. This elective provides students with an opportunity to determine the evidence for instrumentation used for the evaluation process within the profession.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact: NA

Operating Expenses Impact: NA

Equipment/Physical Facility Needs: NA

Library Resources: NA

Part II. Recording Data for New, Revised, or Dropped Course

(For a new required course, complete a separate request for the appropriate program revisions.)

OTS 885 Occupational Performance Measures. (3) A. Prerequisite: OTS 880 and occupational therapy graduate student status or departmental approval. Analysis if critical evaluation instrumentation. Review of measurement issues and use of instruments in evidence-based practice in occupational therapy. Integration into occupation-based practice.

Part IV. Recording Data for New or Revised Course (Record only new or changed course information.)

| | | | | |
|------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------|
| Course prefix (3 letters) OTS | Course Number (3 Digits) 885 | Effective Term (Example: Fall 2001) Spring 2008 | College/Division: AS _____ JS _____ BT _____ EM _____ ED _____ PC _____ HS X | Dept. (4 letters)* OCCT |
| Credit Hrs. 3 | Weekly Contact Hrs. Lecture 3 Laboratory _____ Other _____ | | Repeatable Maximum No. of Hrs. _____ | |
| | | | Cip Code (first two digits only) 51 | |
| Schedule Type* (List all applicable) 1 | Work Load (for each schedule type) 3 | Grading Mode* N | Class Restriction, if any: (undergraduate only) FR _____ JR _____ SO _____ SR _____ | |
| Grading Information: Course is eligible for IP (in-progress grading) for: Check all applicable | | | FOR BANNER USE ONLY Date of data entry _____ Data entry person _____ | |
| Thesis _____ | | | | |
| Internship _____ | | | | |
| Independent Study _____ | | | | |
| Practicum _____ | | | | |

Co-Requisites and Prerequisites

Co-Requisite(s): (List only co-requisites. See below for prerequisites and combinations.)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |

Prerequisite(s): (List prerequisites only. List combinations below. Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Course Prefix and No. | OTS 880 and occupational therapy graduate student status or departmental approval. |
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Co-Requisite(s) and/or Prerequisite(s) Combination (Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

| | |
|----------------------------------------------------------------------------|--|
| Course Prefix and No. | |
| Test Scores | |
| Minimum GPA (when a course grouping or student cumulative GPA is required) | |

Equivalent Course(s): (credit not allowed with; or formerly:)

| | |
|-----------------------|--|
| Course Prefix and No. | |
| Course Prefix and No. | |
| Course Prefix and No. | |

Proposed General Education Block: Please mark (X) in the appropriate Block or Blocks (e.g. – IVB(3) X).

| Block I (9) | Block II (3) | Block III (6) | Block IV (6) | Block V (9) | Block VI (3) | Block VII (6) | Block VIII (6) |
|-------------|--------------|---------------|--------------|-------------|--------------|---------------|----------------|
| IA (3) | II (3) | IIIA (3) | IVA (3) | VA (3) | VI (3) | VII (3) | VIII (3) |
| IB (3) | | IIIB (3) | IVB (3) | VB (3) | | VII (3) | VIII (3) |
| IC (3) | | | | VC (3) | | | |

NOTE: Do not forward validation tables with curriculum form.

(*Use Validation Tables.)

EASTERN KENTUCKY UNIVERSITY
DEPARTMENT OF OCCUPATIONAL THERAPY
OTS 885 Occupational Performance Measures

Credit: 3

Catalog description: Analysis of clinical evaluation instrumentation. Review of measurement issues and use of instruments in evidence-based practice in occupational therapy. Integration into occupation-based practice.

Course objectives:

Upon completion of the course the student learner will:

1. Evaluate the utility of selected instrumentation in measurement of aspects of occupational and functional performance.
2. Analyze the literature and research evidence about an instrument in a specific area of practice about its efficacy and effectiveness to establish an accurate baseline of its use.
3. Demonstrate proficient use of a specialized evaluation instrument including administration, interpretation, and report writing.
4. Investigate uses of a specialized instrument in clinical and research contexts.
5. Investigate clinical use of a specialized instrument to include populations, billing and reimbursement options.
6. Critically examine measurement issues on heavily used instruments to measure occupational performance to determine strengths and limitations.

Required textbooks:

Law, M., Baum, C., & Dunn, W. (2005). Measuring occupational performance: Supporting best practice in occupational therapy. (2nd ed.). Thorofare, NJ: Slack.

Recommended:

Law, M. (2002). Evidence-based rehabilitation: A guide to practice. Thorofare, NJ: Slack. ISBN: 1-55642-453-1.

Additional readings as assigned: Includes articles and websites.

Course requirements:

| | |
|--------------------------------------------------------------------------------------------------------|-----|
| Exam 1 required textbook & other TBA topics | 20% |
| Exam 2 required textbook & clinical research data collection | 20% |
| Instrument selection & assignments* | |
| (1) Report of results following administration and interpretation of specialized evaluation instrument | 10% |
| (2) Analysis paper of literature on specialized instrumentation | 30% |
| Course notebook [Includes clinical sites work] | 20% |

* Student selects one evaluation instrument for emphasis (practice toward proficiency; investigate uses in practice and research, analysis of literature to support / not support instrument use, administer/score/write report in clinical context).

Grading practices:

Course requirements will be graded according to university policy.

| | |
|---|-----------|
| A | 90 – 100% |
| B | 80 - 89% |
| C | 70 - 79% |
| D | 60 - 69% |
| F | below 60% |

Students participate in ongoing feedback throughout the course and progress on assignments will be reported to them as graded. Frequent additional meetings for individual assistance are provided.

Schedule format:

The schedule will include class meetings, discussions, sessions to administer the instrument and interpret findings, exams, clinical research data collection experience, preparation of a course notebook, individual meetings as needed, Blackboard, website enhancements, and other learning activities.

Attendance:

Students participate in active learning including computer and web-based applications, discussions, oral reports, instrument administration practice sessions, library work and literature critique. Prompt attendance is required. Students are expected to notify the course instructor if they are not able to attend. The unit on use of an evaluation form for data collection in clinical research will be done at a clinical site. Schedule arrangements will be discussed in class.

Americans with Disabilities Act (ADA) Statement:

If you are registered with the Office of Services for Individuals with Disabilities, please make an appointment with the course instructor to discuss any academic accommodations you need. If you need academic accommodations and are not registered with the office of Services for Individuals with Disabilities, please contact the office on the third floor of the Student Services Building, by mail at disabilities@eku.edu or by telephone at (859) 622-2933 V/TTD. Upon individual request, this syllabus can be made available in alternate forms.

Academic Honesty & Integrity

Students are expected to abide by the Academic Integrity Policy of Eastern Kentucky University. A copy of the policy, including definitions, descriptions, and institutional procedures, is available in the University Handbook for Students.

Guidelines

Written assignments are expected to be completed at a graduate and professional level.
Use of the APA style manual is expected.

OTS 885 Occupational Performance Measures

Topical Outline

| Date | Topics | Assignments & Due Date |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| Week 1 | Course introduction & syllabus Knowledge and Skill Baseline Instrument Selection Assignments Textbook overview | |
| Week 2 | Measurement in occupational therapy Measurement issues and practices Guiding therapist decisions Introduction of selected instruments | chap. 1 chap. 2 chap. 3 Discussion / study items |
| Week 3 | Select instrument for individual work Integrity of measurement data Qualitative measurement methods Using a client-centered perspective | Discussion / study items chap. 4 chap. 5 chap. 6 |
| Week 4 | Measuring perspectives of others Measuring participation Measuring play performance Sample instruments and their use | chap. 7 chap. 8 chap. 9 Discussion / study items |
| Week 5 | Tips to administer instrument, interpret, write report Measuring work performance Measuring basic ADL Measuring IADL | chap. 10 chap. 11 chap. 12 Discussion / study items |

| | | |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Week 6 | Tips to administer instrument, interpret, write report Use of evaluation/instrumentation and data collection forms In clinical research Measuring leisure performance Measurement of occupational role Occupational balance | chap. 13 chap. 14 chap. 15 Discussion / study items Exam 1 |
| Week 7 | Measuring community integration & social support Measuring environmental factors | chap. 16 chap. 17 Discussion / study items Evaluation report due |
| Week 8 | time and clinical site TBA Instrumentation paper & course notebook | clinical site |
| Week 9 | Using measurement in practice Sociocultural context Influencing policy Challenges and strategies | chap. 18 chap. 19 chap. 20 |
| Week 10 | time and clinical site TBA Instrumentation paper & course notebook | clinical site |
| Week 11 | time and clinical site TBA Instrumentation paper & course notebook | clinical site |
| Week 12 | Web tour: materials to course notebook Exam | Exam 2 |
| Week 13 | Presentations on instrumentation | Presentations All instrumentation Papers due [copy will be kept on file] |
| Week 14 | Course Notebook Due Presentations on instrumentation | Course notebook Presentations |
| Week 15 | Presentations on instrumentation | Presentations |

Curriculum Change Form

(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

Part I

| | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| (Check one) <input type="checkbox"/> New Course (Parts II, IV) <input type="checkbox"/> Course Revision (Parts II, IV) <input checked="" type="checkbox"/> Course Dropped (Part II) <input type="checkbox"/> New Program (Part III) <input type="checkbox"/> Program Revision (Part III) <input type="checkbox"/> Program Suspended (Part III) | Department Name Occupational Therapy College Health Sciences *Course Prefix & Number OTS 812 *Course Title (30 characters) Community Practicum in Occupation *Program Title _____ (Major __, Option __; Minor __; or Certificate __) *Provide only the information relevant to the proposal. | |
| Proposal Approved by: _____ Date _____ Date _____ | | |
| Departmental Committee 2-6-07 | | Graduate Council* 5-4-07 |
| Is this a SACS Substantive Change? Yes**** <input type="checkbox"/> No <input checked="" type="checkbox"/> | | Council on Academic Affairs Approved <input checked="" type="checkbox"/> Disapproved _____ |
| College Curriculum Committee 2-14-07 | | Faculty Senate** _____ |
| General Education Committee* NA | | Board of Regents** _____ |
| Teacher Education Committee* NA | | Council on Postsecondary Edu.*** NA |
| *If Applicable (Type NA if not applicable.) **Approval needed for new, revised, or suspended programs ***Approval/Posting needed for new degree program or certificate program ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness. | | |

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested:
 Eliminate the summer transition courses; provide transition courses in an undergraduate format

A. 2. Effective date: Spring 2008

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)

B. The justification for this action:
 A program revision has taken place for Option 2 entry to the Master of Science Program in Occupational Therapy. OTS 812 will no longer be offered, students will instead take prerequisite courses in the fall and spring semesters. Existing OS courses will cover this content.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact: Eliminate need for faculty teaching this course during the summer.

Operating Expenses Impact: NA

Equipment/Physical Facility Needs: NA

Library Resources: NA

Part II. Recording Data for New, Revised, or Dropped Course

(For a new required course, complete a separate request for the appropriate program revisions.)

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| (*Use strikethrough for deletions and underlines for additions. Also include Crs. Prefix, No., and description, limited to 35 words.) OTS 812 Community Practicum in Occupation. (3) A. Prerequisite: OTS 802. Application of assessment and design skills to plan occupational intervention in the community. Synthesis of concepts through observation, interview, collaboration, reasoning and written communication. | New or Revised* Catalog Text |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|

Curriculum Change Form
(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

Part I

| | | |
|--------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------|
| (Check one) | Department Name | Occupational Therapy |
| <input type="checkbox"/> New Course (Parts II, IV) | College | Health Sciences |
| <input type="checkbox"/> Course Revision (Parts II, IV) | *Course Prefix & Number | OTS 814 |
| <input checked="" type="checkbox"/> Course Dropped (Part II) | *Course Title (30 characters) | Health Care Systems and OT Services |
| <input type="checkbox"/> New Program (Part III) | *Program Title | |
| <input type="checkbox"/> Program Revision (Part III) | | (Major __, Option __; Minor __; or Certificate __) |
| <input type="checkbox"/> Program Suspended (Part III) | *Provide only the information relevant to the proposal. | |

| | | | |
|-------------------------------------------|------------------------------------------------------------------------|----------------------------------------------------------|----------|
| Proposal Approved by: | Date | | Date |
| Departmental Committee | 2-6-07 | Graduate Council* | 5-4-07 |
| <i>Is this a SACS Substantive Change?</i> | Yes*** <input type="checkbox"/> No <input checked="" type="checkbox"/> | Council on Academic Affairs | |
| College Curriculum Committee | 2-14-07 | Approved <input checked="" type="checkbox"/> Disapproved | 05-17-07 |
| General Education Committee* | NA | Faculty Senate** | NA |
| Teacher Education Committee* | NA | Board of Regents** | NA |
| | | Council on Postsecondary Edu.*** | NA |

*If Applicable (Type NA if not applicable.)
 **Approval needed for new, revised, or suspended programs
 ***Approval/Posting needed for new degree program or certificate program
 ****If "yes", SACS must be notified before implementation. Please contact EKU's Office of Institutional Effectiveness.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: Eliminate the summer transition courses; provide transition courses in an undergraduate format

A. 2. Effective date: Spring 2008

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)

B. The justification for this action:

A program revision has taken place for Option 2 entry to the Master of Science Program in Occupational Therapy. OTS 814 will no longer be offered, students will instead take prerequisite courses in the fall and spring semesters Existing OS courses will cover this content.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact: Eliminate need for faculty teaching this course during the summer.

Operating Expenses Impact:

Equipment/Physical Facility Needs:

Library Resources:

Part II. Recording Data for New, Revised, or Dropped Course

(For a new required course, complete a separate request for the appropriate program revisions.)

| |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| New or Revised* Catalog Text |
| (*Use strikethrough for deletions and <u>underlines</u> for additions. Also include Crs: Prefix, No., and description, limited to 35 words.) OTS-814 Health Care Systems and OT Services. (3) A. Prerequisite: OTS 802. An overview of the history of the development of health care systems and occupational therapy services. Case studies provide an in-depth discussion of the ethical and advocacy issues facing today's practitioner. |

Part III. Recording Data for New, Revised, or Suspended Program

New or Revised* Program Text
(*Use strikethrough for deletions and underlines for additions.)

Option 2

Admission – Specific Criteria: An undergraduate degree in a discipline other than occupational science or occupational therapy and course work in Human Anatomy, Human Physiology, Psychology, and Statistics. ~~Neuroscience, Advanced Anatomy and a survey of diagnoses course.~~ Each student must submit a course description of prerequisite course work with the application.

Students who have a degree in fields outside of occupational science and occupational therapy will be admitted to the M.S. program once a year, for enrollment beginning in the ~~summer~~ fall semester. To be considered for the ~~summer~~ fall session, all coursework must be completed. Applications must be submitted by February 1.

Program Option 2

Transition Courses (taken in summer session)

.....12 hours

~~OTS 802, 812, 814.~~

The following prerequisite courses are completed as an undergraduate: BIO 271, 371

OTS 362, 402, 422, 430, 478, and 802.

Students will apply to graduate school during transition year of coursework. If admitted to the MS program, students will complete curriculum presented in Option 1.

Core Courses24 25 hours

OTS 820, 822, 830, 832, 850, 870, 880

Electives 6 hours

OTS 720, 825, 834, 835, 851, 852, 853, 855, 862, 863, 864, 865, 866, 875, 882, 890

Research.....9 hours

Non-thesis

OTS 871, 896 and an elective.

Comprehensive examination required

OR

Thesis

OTS 871, 898, 899.

Fieldwork 17 16 hours

OTS 821, 831, 845, 846, 847.

A minimum of ~~67~~ 56 semester hours of graduate credit after being accepted in the M.S. program is required.

If you are registered with the Office of Services for Individuals with Disabilities, please make an appointment with the course instructor to discuss any academic accommodations you need. If you need academic accommodations and are not registered with the Office of Services for Individuals with Disabilities, please contact the Office on the third floor of the Student Services Building by e-mail at disserv@eku.edu or by telephone at (859) 622-2933 V/TTY. Upon individual request, this syllabus can be made available in alternative forms.

INSTRUCTIONAL ACTIVITIES:

- lecture
- films
- discussions
- readings
- possible field trip (to be determined)

EXPECTATIONS FOR OUTSIDE WORK:

As per university policy, three hours outside preparation for each hour of lecture will be expected.

COURSE OBJECTIVES for OTS 520/720:

The student will:

1. Examine the historical roots of modern-day Appalachian culture.
2. Analyze the stereotyped images of Appalachia and the effects these images have upon the self-concept of Appalachian people, particularly as they relate to mental health.
3. Demonstrate knowledge of Appalachian communication patterns encountered in health screening and intervention.
4. Analyze the current social and economic context in Appalachia that influences the health of people within the region.
5. Examine data on the access to health care within Appalachia.
6. Demonstrate knowledge of culturally appropriate, interdisciplinary health services in the Appalachian counties of Eastern Kentucky.

COURSE OBJECTIVES for OTS 720 ONLY:

Graduate Students will:

1. Analyze selected literature from contemporary Appalachian scholars in (but not limited to): the *Journal of Appalachian Studies* and the *Appalachian Journal*.
2. Analyze the most current U.S. Census data on the educational, economic, and health status of Appalachian people.
3. Synthesize concepts of cultural competency in Appalachian culture.

GRADUATE REQUIREMENTS:

In all 500/700 level courses at ECU, graduate students are required to do clearly delineated additional work in order to receive graduate credit for the course. In this course, **the following additional requirements must be met by graduate students in order to receive graduate credit for OTS 720. These requirements will account for 25% of the total grade for graduate students:**

- 1) Read at additional articles throughout the semester as noted on the Topical Outline.
- 2) In addition to the undergraduate course requirements listed above, graduate students must complete **4 additional article critiques** from articles in *Appalachian Journal* or *The Journal of Appalachian Studies*. You may select articles of your choice, read the article, and then write a **3 page minimum review/critique** of the article. *Appalachian Journal* and *The Journal of Appalachian Studies* are published quarterly. Copies are located in Crabbe Library. Note: The *Appalachian Journal* includes essays, interviews, some poetry, book reviews, etc. While you are encouraged to read everything in the journal, you should **focus your review papers on the scholarly essays** so that you become familiar with the scholarship available about the region. If you are unsure about an article that you wish to review, consult with the course instructor prior to writing your review. **Two article reviews will be due on the March 15th class meeting date and the remaining two reviews will be due on the April 17 class meeting date. You may turn in your reviews prior to these deadlines if you wish to do so, but they must be turned in no later than these due dates.**
- 3) In addition to the article critiques/reviews, you should complete one of the following options as a graduate paper:

Option 1:

The student will research in depth one specific topic related to health care in Appalachia and write a comprehensive paper on it. There are many things which you might address including:

- environmental issues and their impact on health or the human occupations which people pursue in Appalachia; the constraints of delivering health care services in a rural region
- the recent expansion of early intervention services in Appalachia, exploring the link between poverty and developmental delays in children;
- the impact of poverty on the health and human occupations of Appalachian people;
- the impact of the welfare-to-work programs in Appalachia, a region where jobs are terribly limited and there is no "work" for many people to transition into;
- an assessment of the health needs of youth in rural Appalachia (don't forget socialization, leisure, etc.)
- the lack of infrastructure, such as clean water and adequate sewage disposal, and the impact on health produced by this lack of infrastructure – with regard to youth, this especially effects their options for leisure activities;
- the politics of health in Appalachia - who controls the resources, how they are delivered, who benefits and who loses, etc.
- the health status of Appalachian migrants in an area such as Cincinnati's "over the Rhine" district
- the role of the flea market economy in maintaining health and/or in supporting human occupations in Appalachia
- the role of families in the provision of health care services
- specific factors that may make youth "at risk"
- the school environment for youth: is it a risk factor that contributes to high drop out rates?

Option 2:

The student will conduct an in depth exploration of a specific topic area related to health care in Appalachia and prepare a journal article suitable for publication/presentation on this topic. Students who select this option may have a paper from another course which they wish to refine or expand. This is perfectly acceptable. For instance, one student in the past had done a paper for the adolescence course on the development of identity formation in adolescents. She had all of the literature review from psychology and human development completed. To this information, she added material on the difficulties faced by teens who are marginalized by poverty, race, class, gender, culture or ethnicity. She then explored the particular issues faced by Appalachian adolescents as they develop their own identity formation when they are marginalized by various factors. She presented her paper at two regional conferences.

Option 3:

The student will conduct a minimum of four in depth interviews with at risk youth (ages 12 – 19), identifying the work, leisure and self-care occupations and the health beliefs and practices of these individuals. The interviews will be transcribed into written form and incorporated into a written paper about Appalachian youth.

ADDITIONAL OPTIONS MAY BE NEGOTIATED WITH THE COURSE INSTRUCTOR. Students *always* have additional options which interest them. It is better to pursue something for which you have a passion. The options listed above are provided solely to give you an idea of what might be done, to start you thinking about what you might want to do.

For instance, one graduate student in the past decided to visit ASPI (Appalachia - Science in the Public Interest) which is located nearby in Rockcastle County. This is an internationally recognized environmental organization dedicated to solving environmental issues in local communities. They have developed low-cost solar heating units for low-income Appalachian people and they have installed them in the homes of elderly individuals in the region to cut down on the cost of heating. They have demonstration projects for organic gardening, urban gardening in small spaces, a compost toilet for homes where sewer systems are lacking, etc. They are a resource which the home health therapist in Appalachia might utilize for home health clients. The graduate student who visited ASPI then wrote a paper about the agency and how the resources which they offer might be incorporated into the rural practice in Appalachia. This information was incorporated into a literature review on the needs of low-income home health clients within the region.

If a graduate student wishes to combine the graduate paper requirement with the undergraduate "project" requirement, this is also possible. It means that you would do your research and write the paper, which would be turned in at the end of the semester. For the undergraduate project requirement, you would do a presentation of the information that you learned and present it on the date set aside for the presentation of student projects.