Report from February UCC Meeting

College	Item Type	Action	Description
CHHS	Consent	Revise a Program	445 Tourism
CHHS	Consent	Revise a Program	536 Design, Merchandising & Textiles: Interior Design
GFCB	Consent	Revise a Program	569: International Business
GFCB	Consent	Create a New Course	MGT 390: Value Creation in Emerging Markets
OCSE	Consent	Revise a Program	326, Minor in Biology
OCSE	Consent	Revise a Program	525, Major in Biology (without a minor)
OCSE	Consent	Revise a Program	534P, Civil Engineering-Prep
OCSE	Consent	Revise a Program	617, Major in Biology (with a minor)
OCSE	Consent	Revise a Program	629, Bachelor of Science in Computer Science
OCSE	Consent	Create a New Course	AGRI 315, Water in Food Production
OCSE	Consent	Multiple Revisions to a Course	BIOL 485, Field Biology
OCSE	Consent	Create a New Certificate	Certificate in Drinking Water Operations
OCSE	Consent	Multiple Revisions to a Course	CS 442, Data Structures and Algorithm Analysis
OCSE	Consent	Multiple Revisions to a Course	CS 444, Programming Languages
PCAL	Consent	Revise a Program	667 Major in Film
PCAL	Consent	Revise a Program	750 Major in Photojournalism
PCAL	Consent	Create a New Course	FILM 369 Introduction to World Cinema
PCAL	Consent	Create a New Course	FILM 399 Special Topics in Film
PCAL	Consent	Create a New Course	Jour 154 New Media Literacy: Explorations in Participatory Culture
PCAL	Consent	Create a New Course	Jour 439 Advanced Studio Lighting Techniques
UC	Consent	Revise a Program	512, 513, 610, 611
UC	Consent	Revise a Program	Honors College
UC	Consent	Create a New Certificate Program	Computer Literacy Certificate
UC	Consent	Create a New Certificate Program	Information Systems Certificate
	Consent	Policy	Incomplete Grade Proposal
	Consent	Policy	Scholar of College Requirements

CHHS	Information	Delete a Program	160 School Nurse Certification
CHHS	Information	Revise Course Catalog Listing	DMT 120 Design Studio I
GFCB	Information	Revise Course Prerequisite	MGT 316: International Management
OCSE	Information	Revise Course Prerequisite	CE 341, UK-Fluid Thermal Science
OCSE	Information	Revise Course Prerequisite	CE 342, WKU-Fluid Thermal Science
OCSE	Information	Revise Course Prerequisite	CS 181, Computer Science II
OCSE	Information	Revise Course Number	CS 230, Introduction to Programming
OCSE	Information	Revise Course Prerequisite	CS 270, Introduction to Web Programming
OCSE	Information	Revise Course Prerequisite	CS 360, Software Engineering I
OCSE	Information	Revise Course Prerequisite	CS 396, Intermediate Software Project
OCSE	Information	Revise Course Prerequisite	CS 425, Operating Systems I
PCAL	Information	Revise Course Prerequisite	BCOM 365 Intermediate Broadcast News
PCAL	Information	Revise Couse Catalog Listing	BCOM 480 Advanced Post Production
UC	Information	Revise Course Prerequisite	HON 404 Honors Thesis/Project II
UC	Information	Revise Course Prerequisite	NURS 104C Calculations for Nursing
UC	Information	Revise Course Prerequisite	NURS 105C Fundamentals of Nursing
UC	Information	Revise Course Prerequisite	NURS 106C Fundamentals of Nursing Clinical

Office of the Registrar
Proposal to Revise an Academic Policy
(Action Item)

Contact Person: Freida Eggleton, freida.eggleton@wku.edu, 745-5432

1.   **Identification of proposed policy revision:** Cease retention of the incomplete designation (X) on the transcript after the final grade has been issued

2.   **Catalog statement of existing policy:** The grade "X" will continue to appear as the initial grade on the student's transcript, along with the revised grade.

3.   **Catalog statement of proposed policy:**   None. (Delete the policy.)

4.   **Rationale for proposed policy revision:** The current policy, approved in 1997, was initiated by graduate faculty who were concerned students were abusing the option to end the semester with incomplete grades and thus take more time to complete their courses. There was a desire for the transcript to reflect the student did not complete the course on a timely basis; therefore, a student's course that was initially assigned an incomplete (X) that was subsequently completed now shows on the transcript as X/grade (i.e. X/B). This notation appears on the transcript regardless of the reason for the incomplete, and students with legitimate extenuating circumstances for needing more time to complete their course(s) may inappropriately be viewed as delinquent by prospective employers or graduate/professional school admission staff. A review of the public universities in Kentucky and WKU's benchmark institutions found that only one other Kentucky university, Kentucky State University, and one benchmark university, Stephen F. Austin University (TX) retained the incomplete grade on the transcript.

5.   **Impact of proposed policy revision on existing academic or non-academic policies:** None

6.   **Proposed term for implementation:**   2011 Spring Semester

7.   **Dates of prior committee approvals:**

       UCC Academic Policy Subcommittee   February 7, 2011

       Undergraduate Curriculum Committee   _____

       University Senate   _____

Office of the Registrar
Proposal to Revise an Academic Policy
(Action Item)

Contact Person: Freida Eggleton, freida.eggleton@wku.edu, 745-5432

1.   **Identification of proposed policy revision:**
- Increase the number of residence hours from 54 to 60 to qualify for Scholar of the College
- Clarify that the Scholar of the College award is presented to recipients of first baccalaureate degrees only
- Delete reference to "one student"

2.   **Catalog statement of existing policy:**
Scholar of the College—At commencement, on the basis of the total cumulative overall grade point average and a minimum of 54 semester hours earned in residence at WKU, one student from each undergraduate college is designated "Scholar of the College."

3.   **Catalog statement of proposed policy:**
Scholar of the College – This award is presented at commencement to the baccalaureate degree recipient in each college with the highest overall cumulative grade point who has earned a minimum of 60 semester hours in residence. The Scholar of the College award is presented to recipients of first baccalaureate degrees only.

4.   **Rationale for proposed policy revision:** Increasing the number of hours from 54 to 60 places the requirement at half of the minimum number of hours required for a baccalaureate degree.   The reference to "one student from each undergraduate college" needs to be deleted since it is not uncommon to have multiple ties for the highest GPA. Clarification is needed that Scholar of the College is awarded to recipients of first baccalaureate degrees only, since second degrees can be earned with a minimum of only 30 hours.

5.   **Impact of proposed policy revision on existing academic or non-academic policies:**
College Scholars are eligible to apply for the Ogden Foundation Scholar Award. Therefore, the number of residence hours referenced in the Ogden Award policy needs to be changed from 54 to 60.

6.   **Proposed term for implementation:**   2011 Fall Semester

7.   **Dates of prior committee approvals:**

CAD Recommendation   December 2, 2010

UCC Academic Policy Subcommittee

University Senate

February 7, 2011

_____

_____

Undergraduate Curriculum Committee

University Senate

Consent Agenda
College of Health and Human Services (CHHS)
Dean's office 745-8912
Report to the Undergraduate Curriculum Committee

Date: February 10, 2011

The following Consent Items are being offered for the February 24, 2011 meeting:

Type of Item	Description in Item and Contact Information
Consent	Proposal to Revise Course Catalog Listing DMT 120 Design Studio I Contact: Sheila S. Flener, sheila.flener@wku.edu, 745-4105
Consent	Proposal to Delete a Program 160 School Nurse Certification Contact : Cathy Abell, cathy.abell@wku.edu, 745-3499

College of Health and Human Services
Department of Consumer and Family Science
Proposal to Revise Course Catalog Listing
(Consent Item)

Contact Person: Sheila S. Flener, sheila.flener@wku.edu, 745-4105

1. **Identification of course:**
   1.1   Course prefix (subject area) and number: DMT 120
   1.2   Course title: Design Studio I
   1.3   Credit hours: 4

2. **Current course catalog listing:** Introduction to the fundamentals of visual design and techniques of representation.

3. **Proposed course catalog listing:** Introduction to the fundamentals of visual design and techniques of representation through exploration of the fundamentals of design, research and conceptual sketching.

4. **Rationale for revision of the course catalog listing:** The revision of the course catalog listing is needed to accurately describe the content being taught.

5. **Proposed term for implementation:** Fall 2011

6. **Dates of prior committee approvals:**

   CFS Department: __12/10/2010_____

   CHHS Undergraduate Curriculum Committee   __2/2/2011_____

   Undergraduate Curriculum Committee   _____

   University Senate   _____

Attachment: Course Inventory Form

College of Health and Human Service
School of Nursing
Proposal to Delete a Program
(Consent Item)

Contact Person: Cathy Abell, cathy.abell@wku.edu, 745-3499

1. **Identification of program:**
   1.1   Program reference number: 160
   1.2   Program title: School Nurse Certification
   1.3   Credit hours: 15

2. **Rationale for the program deletion:**

   This program was moved from Public Health 1/27/05. Since this time, resources have
   been allotted for marketing. Faculty traveled to the Western Region School Nursing
   meeting in January of 2010 and spoke with about 25 school nurses. During the summer of
   2010, this was publicized via a video conference with nurses working in Public Health
   Departments across the state of Kentucky. Additionally, information about the
   program has been available on the School of Nursing's website and information has been
   posted on the Kentucky School Nurse listserv. There has been only one student noted to
   be in this program. The School of Nursing could utilize personnel and financial resources
   being allotted to this certification program to other programs in the department.

3. **Effect on current students or other departments, if known:**
   The student that is currently enrolled will be offered the opportunity to complete the
   courses required. The courses will still be available as we are not requesting deletion of
   the individual courses.

   Since this is the only student that has enrolled in this certificate program, there should not
   be an effect on other students.

4. **Proposed term for implementation:** Spring 2012

5. **Dates of prior committee approvals:**

   School of Nursing: 10/29/10

   CHHS Undergraduate Curriculum Committee   __11/17/2010_____

   Professional Education Council   __12/8/2010_____

   Undergraduate Curriculum Committee   _____

University Senate   _____

Attachment: Program Inventory Form

Action Agenda
College of Health and Human Services (CHHS)
Dean's office 745-8912
Report to the Undergraduate Curriculum Committee

Date: February 10, 2011

The following Action Items are being offered for the February 24, 2011 meeting:

Type of Item	Description in Item and Contact Information
Action	Proposal to Revise a Program 445 Tourism Contact: Tammie Stenger-Ramsey, tammie.stenger@wku.edu, 745-6063
Action	Proposal to Revise a Program 536 Design, Merchandising & Textiles: Interior Design Contact: Sheila S. Flener, sheila.flener@wku.edu, 745-4105

College of Health and Human Services
Department of Kinesiology, Recreation, and Sport
Department of Family & Consumer Sciences
Proposal to Revise A Program
(Action Item)

Contact Person: Tammie Stenger-Ramsey, tammie.stenger@wku.edu, 745-6063

1.   **Identification of program:**
    1.1   Current program reference number: 445
    1.2   Current program title: Tourism
    1.3   Credit hours: 21

2.   **Identification of the proposed program changes:**
    In the Required Courses for the Tourism Minor, the only change is a substitution of REC 490 for REC 493.

    In the Restricted Electives for the Tourism Minor, the only change is a substitution of REC 306 Program Planning for REC 322 Recreation Activity Facilitation.

    In the program description, the changes clarify the requirements, list the new required and restricted electives, and remove old department/program names.

3.   **Detailed program description:**
    Proposed changes to the program are identified in **BOLD** typeface.

Current Program	Hours	Revised Program	Hours
Required Courses		**Required Courses**	
CFS 271	3	CFS 271	3
MKT 220	3	MKT 220	3
REC 420	3	REC 420	3
REC 490 Internship OR CFS 313	3	**REC 493 Practicum** OR CFS 313	3
TOTAL REQUIRED	12	TOTAL REQUIRED	12
Restricted Electives **Select 9 credit hours**		**Restricted Electives** **Select 9 credit hours**	
CFS 171	3	CFS 171	3
CFS 373	3	CFS 373	3
CFS 375	3	CFS 375	3
REC 302	3	REC 302	3
REC 322 Recreation Activity Facilitation	**3**	**REC 306 Recreation Program Planning**	**3**

REC 404	3	REC 404	3
TOTAL ELECTIVES	9	TOTAL ELECTIVES	9
The minor in Tourism (reference number 445) is an interdisciplinary program between the departments of **Consumer and Family Sciences** and Kinesiology, Recreation and Sport. The minor in tourism requires a minimum of 21 hours. Students must complete the following courses: CFS 271, MKT 220, REC 420, and REC **490** or CFS 313. Students must also complete a minimum of 9 elective hours from the following list: CFS 171, 373, 375, REC 302, **322,** 404. Elective hours must be selected in such a manner that a total of nine hours in the minor come from **Physical Education and 9** hours in the minor come from Consumer and Family Science courses.		The minor in Tourism (reference number 445) is an interdisciplinary program between the departments of **Family and Consumer Sciences** and Kinesiology, Recreation and Sport. The minor in tourism requires a minimum of 21 hours. Students must complete the following courses: CFS 271, MKT 220, REC 420, and REC **493** or CFS 313. Students must also complete a minimum of 9 elective hours from the following list: CFS 171, 373, 375, REC 302, **306**, 404. Elective hours must be selected in such a manner that a total of nine **(9)** hours in the minor come from **Recreation Administration (REC) and nine (9)** hours in the minor come from **Family and Consumer Sciences (CFS)** courses.	

4. **Rationale for the proposed program change:**
   Required courses – REC 493 in place of REC 490
   The Tourism Minor requires a for-credit professional experience. Currently, the REC 490 course, Recreation Internship has been used to fulfill that requirement. An occasional issue has arisen on iCAP when student is majoring in Recreation Administration and completes a 12-credit hour internship and then must complete a second internship for their minor, but this requirement is shown as complete on iCAP. It would alleviate confusion and paperwork for faculty and students. There are also different eligibility requirements for the 12 credit-hour REC 490 course than the 3 credit hour REC 490 course. For these reasons we are proposing including the REC 493 Practicum course.

   Restricted electives – REC 306 in place of REC 322
   REC 306 is taught every fall and spring, REC 322 is taught once every other year. This allows students more opportunities to take the class. The content of REC 306 is also more closely aligned with job responsibilities of someone in the tourism industry than the content of REC 322.

5. **Proposed term for implementation and special provisions (if applicable):**
   Summer 2011

6. **Dates of prior committee approvals:**

Kinesiology, Recreation & Sport Department   __October 27, 2010__

Family & Consumer Sciences Department   __December 10, 2010_

CHHS Curriculum Committee   __Feb 2, 2011_____

Undergraduate Curriculum Committee   _____

University Senate   _____

Attachment: Program Inventory Form

College of Health and Human Services
Department of Consumer and Family Sciences
Proposal to Revise A Program
(Action Item)

Contact Person: Sheila S. Flener, sheila.flener@wku.edu, 745-4105

1.   Identification of program:
  1.1   Current program reference number: 536
  1.2   Current program title: Design, Merchandising & Textiles: Interior Design
  1.3   Credit hours: 81

2.   Identification of the proposed program changes:
  - Elimination of DMT 110
  - Replace AMS 163 with DMT 222
  - Addition of DMT 427

3.   Detailed program description:

536 Design Merchandising and Textiles: Interior Design			
Current Program	**Hours**	**Proposed Program**	**Hours**
DMT 110 Design Concepts	3		
DMT 120 Design Studio I	4	DMT 120 Design Studio I	4
DMT 151 History of Arch & Interiors I	3	DMT 151 History of Arch & Interiors I	3
DMT 152 History of Arch & Interiors II	3	DMT 152 History of Arch & Interiors II	3
DMT 201 Design Studio II	4	DMT 201 Design Studio II	4
MKT 220 Basic Marketing	3	MKT 220 Basic Marketing	3
DMT 221 Creative Problem Solving	3	DMT 221 Creative Problem Solving	3
AMS 163 Architectural Drafting	3	**DMT 222 CAD in Human Environment**	**3**
DMT 223 Textiles	3	DMT 223 Textiles	3
DMT 243 Materials & Finishes	3	DMT 243 Materials & Finishes	3
DMT 300 Design Studio III	4	DMT 300 Design Studio III	4
DMT 301 Design Studio IV	4	DMT 301 Design Studio IV	4
DMT 302 Design Studio V	4	DMT 302 Design Studio V	4
DMT 304 Lighting and Environ Controls	3	DMT 304 Lighting and Environ Controls	3
CFS 310 Mgmt of Family Resources	3	CFS 310 Mgmt of Family Resources	3
CFS 311 Family Relations	3	CFS 311 Family Relations	3
DMT 321 Professional Ethics and Issues	3	DMT 321 Professional Ethics and Issues	3
DMT 322 Merchandising I	3	DMT 322 Merchandising I	3
DMT 401Design Studio VI	4	DMT 401Design Studio VI	4

DMT 402 Senior Design Thesis	4	DMT 402 Senior Design Thesis	4
DMT 403 Business Principles & Practices	2	DMT 403 Business Principles & Practices	2
DMT 410 Internship for Design	3	DMT 410 Internship for Design	3
DMT 421 Portfolio Design	3	DMT 421 Portfolio Design	3
DMT 422 Textile Design & Performance	3	DMT 422 Textile Design & Performance	3
		DMT 427 Adv Presentation Technology	**3**
Design Elective	3	Design Elective	3
Total	**81**	**Total**	**81**

4. Rationale for the proposed program change: Changes are needed to reflect the current trends in Interior Design education. Since the content of DMT 110 is repeated in DMT 120, elimination of that course will allow room in the curriculum to provide more instruction in technology base design programs. The DMT 222 course is currently being taught in the program. CAD in the Human Environment is geared toward the textiles and interior design professions.

5. Proposed term for implementation and special provisions: Fall 2011

6. Dates of prior committee approvals:

CFS Department: _____12/10/2010_____

CHHS Undergraduate Curriculum Committee   ___Feb 2, 2011_____

Undergraduate Curriculum Committee   _____

University Senate   _____

Attachment: Program Inventory Form

Potter College of Arts & Letters
Western Kentucky University
745-2345

REPORT TO THE UNIVERSITY CURRICULUM COMMITTEE

Date: February 24, 2011

The Potter College of Arts & Letters submits the following items for consideration:

Type of Item	Description of Item & Contact Information
Consent	**Proposal to Revise Course Prerequisites** BCOM 365 Intermediate Broadcast News Contact: James LeTourneau, james.letourneau@wku.edu, 745-8856
Consent	**Proposal to Revise Course Catalog Listing** BCOM 480 Advanced Post Production Contact: Ron DeMarse, ron.demarse@wku.edu, 745-2840

Potter College of Arts & Letters
School of Journalism & Broadcasting
Proposal to Revise Course Prerequisites
(Consent Item)

Contact Person: James LeTourneau, james.letourneau@wku.edu   745-8856

1. **Identification of course:**
   1.4   Course number: BCOM 365
   1.5   Course title: Intermediate Broadcast News
   1.6   Credit hours: 3

2. **Current prerequisite requirements:** BCOM 265

3. **Proposed prerequisite requirements:** BCOM 335

4. **Rationale for the revision of prerequisite requirements:**
   BCOM 365 is a broadcast class that originally provided the student radio station with student news reporters. While it still fulfills this task, it has also evolved to meet the demand in the broadcast news, sports and entertainment industries for content producers for both TV and radio. These are behind-the-scenes journalists who act as associate, line, segment or field producers.   The problem with the current pre-requisite is that many incoming BCOM 365 students may not have been exposed to the introductory TV news producing aspect which is part of BCOM 335. All prior course work in radio news writing (BCOM 265) combined with what is taught in BCOM 335 (introductory news producing for radio and TV) evolves into BCOM 365 in an orderly fashion with the implementation of the BCOM 335 pre-requisite change.

5. **Effect on completion of major/minor sequence:** None anticipated. Exceptions will be made for 2012 graduates if the prerequisite change delays graduation.

6. **Proposed term for implementation:** 2011(30)

7. **Dates of prior committee approvals:**

   School of Journalism & Broadcasting
   Curriculum Committee: December 3, 2010

   School of Journalism & Broadcasting   December 10, 2010

   Potter College Curriculum Committee   February 3, 2011

   Undergraduate Curriculum Committee   _____

   University Senate   _____

Attachment: Course inventory form

Potter College of Arts & Letters
School of Journalism & Broadcasting
Proposal to Revise Course Catalog Listing
(Consent Item)

Contact Person: Ron DeMarse, ron.demarse@wku.edu, 270-745-2840

1.   **Identification of course:**
        1.1   Course prefix (subject area) and number: BCOM 480
        1.2   Course title: Advanced Post Production
        1.3   Credit hours: 3

2.   **Current course catalog listing:**
        Utilizing outside production houses, this course surveys the modern post production
        process. Computer editing, digital video effects and post audio processing are all covered
        in a hands-on environment. (lab fee)

3.   **Proposed course catalog listing:**
        Advanced instruction in post-production techniques and technologies. Focuses include
        non-linear editing, advanced visual effects and compositing, DVD authoring, encoding
        for mobile applications, and web video and animation. (lab fee)

4.   **Rationale for revision of the course catalog listing:**
        Brings the description more in line with the BCOM 380 (prerequisite) description, and
        better reflects the content of the course. "Outside production houses" are no longer
        necessary to provide this instruction and experience.

5.   **Proposed term for implementation:**   2011(30)

6.   **Dates of prior committee approvals:**

        School of Journalism & Broadcasting
        Curriculum Committee: December 3, 2010

        School of Journalism & Broadcasting   December 10, 2010

        Potter College Curriculum Committee   February 3, 2011

        Undergraduate Curriculum Committee   _____

        University Senate   _____

Attachment: Course Inventory Form

Potter College of Arts & Letters
Western Kentucky University
745-2345

REPORT TO THE UNIVERSITY CURRICULUM COMMITTEE

Date: February 24, 2011

The Potter College of Arts & Letters submits the following items for consideration:

Type of Item	Description of Item & Contact Information
Action	**Proposal to Create a New Course** Jour 154 New Media Literacy: Explorations in Participatory Culture Contact: Ken Payne, ken.payne@wku.edu, 745-3968
Action	**Proposal to Create a New Course** Jour 439 Advanced Studio Lighting Techniques Contact: Jeanie Adams-Smith, Jeanie.adams-smith@wku.edu, 745-6301
Action	**Proposal to Create a New Course** FILM 369 Introduction to World Cinema Contact: Ron DeMarse, ron.demarse@wku.edu, 745-2840
Action	**Proposal to Create a New Course** FILM 399 Special Topics in Film Contact: Ron DeMarse, ron.demarse@wku.edu, 745-2840
Action	**Proposal to Revise a Program** 667 Major in Film Contact: Ted Hovet, ted.hovet@wku.edu, 745-5782 Contact: Ron DeMarse, ron.demarse@wku.edu, 745-2840
Action	**Proposal to Revise a Program** 750 Major in Photojournalism Contact: Jo-Anne Ryan, jo-anne.ryan@wku.edu, 745-3828

Potter College of Arts & Letters
School of Journalism & Broadcasting
Proposal to Create a New Course
(Action Item)

Contact Person: Ken Payne, Ken.Payne@wku.edu, 5-3968

1. **Identification of proposed course:**
   1.7   Course prefix (subject area) and number: JOUR 154
   1.8   Course title: New Media Literacy: Explorations in Participatory Culture
   1.9   Abbreviated course title: New Media Literacy
   1.10   Credit hours and contact hours: 3
   1.11   Type of course: C
   1.12   Prerequisites/corequisites: None
   1.13   Course catalog listing: Develops a framework to access, analyze, evaluate, create and interact with messages in a variety of digital forms, including social media. Restricted to majors/minors outside the School of Journalism & Broadcasting.

2. **Rationale:**
   2.1   Reason for developing the proposed course: In an era where information is expanding exponentially, learning standards which primarily emphasize coverage of content no longer serve the needs of students. Students must be able to access, analyze, evaluate, create and interact with the information being delivered to them at ever-greater speeds on an ever-widening array of media platforms. New media literacy education helps students acquire key digital media and information management skills. Full integration of media and technology literacy into the core curricula of WKU would leave students immeasurably better positioned to compete in today's workplace. Media literacy education, which encourages the development of critical thinking skills, does much more than help students assess the risks of using electronic media. Students must gain the critical autonomy they need to negotiate their lifelong relationship with media. Not only is this the best means of safeguarding our students from the risks of electronic media, it is also the best means for preparing students to become wise consumers of media and responsible media producers, as well as active and democratic participants in today's global participatory culture.
   2.2   Projected enrollment in the proposed course: 25 students per semester based on the enrollment of 21 students in fall 2010 when the course was offered as a one-time-only course.
   2.3   Relationship of the proposed course to courses now offered by the department: New Media Literacy borrows content and pedagogy from two (2) current courses offered to SJ&B majors only: JOUR 201, Media & Society and JOUR 232, Electronic Technology for Journalism. New Media Literacy is developed specifically as a university service course restricted to majors/minors outside of the School of Journalism & Broadcasting. (SJ&B majors/minors include Public Relations, Advertising, Mass Communication, Photojournalism, News/Editorial Journalism and Broadcasting)

2.4   Relationship of the proposed course to courses offered in other departments: Other academic units offering courses with media and participatory culture content include: FLK 373, Folklore & Mass Media; and POP 201, Introduction to Popular Culture.

2.5   Relationship of the proposed course to courses offered in other institutions: Media literacy in U.S. higher education has been gaining significant recognition as an established concept and curricular initiative. A 2002 study (Silverblatt et al) reported 61 universities across the United States offer media literacy curricula at their institutions - 34 of which offer it as a separate course, and 27 that claim it is integrated across the curriculum. Northern Kentucky University offers a General Education course in Media Literacy (EMB 100); The University of Texas (Austin) offers a course in New Media Literacy (RTF365); Villanova University offers a course in Media Literacy (COM 8305); and the University of Maryland offers a CORE Media Literacy course (JOUR 175) that is very similar in content and pedagogy to the proposed JOUR 154 course.

3.   Discussion of proposed course:

3.1   Course objectives: New Media Literacy provides a framework to access, analyze, evaluate and create messages in a variety of forms — from print, to video, to the Internet and beyond. This course attempts to build an understanding of the role of media in society and culture, and apply the essential skills of inquiry and self-expression necessary for citizens of an informed democracy. New Media Literacy inspires independent thinking, fosters critical analysis, encourages participation, and promotes wise media choices.

3.2   Content outline:
Mass Communication: A Critical Approach
Application – Blogger.com

Books and the Power of Print
Application – Blurb.com

Newspapers and the Rise of Modern Journalism
Application – Newsvine.com

Magazines in the Age of Specialization
Application – AssociatedContent.com

Sound Recording and Popular Music
Application – Jamstudio.com

Popular Radio and the Origins of Broadcasting
Application – Audacity.com

Movies and the Impact of Images
Application – Vimeo.com

Television, Cable, and Specialization in Visual Culture
Application – Livecast.com

The Internet and New Technologies: The Media Converge

Application – SecondLife.com

Advertising and Commercial Culture
Application – Google AdSense

Public Relations and Framing the Message
Application – Twitter.com

The Culture of Journalism: Values, Ethics, and Democracy
Application – MixedInk.com

Legal Controls and Freedom of Expression
Application – HuffPost Social News

Media Economics and the Global Marketplace
Application – Openoffice.org

Social Scientific and Cultural Approaches to Media Research
Application – SurveyMonkey.com

3.3   Student expectations and requirements: Students will be evaluated on their knowledge of the course material and lectures/discussions through quizzes and exams. In addition, students will be evaluated on their ability to apply learning to the digital environment through the use and application of emerging technologies listed in Application (3.2).

3.4   Tentative texts and course materials: Campbell, Martin and Fabos. *Media Essentials: A Brief Introduction.* (2011). Bedford/St. Martin's, New York.

4.   Resources:
4.1   Library resources: Adequate
4.2   Computer resources: New Media Literacy is delivered completely on Blackboard. However, no additional IT resources are anticipated.

5.   Budget implications:
5.1   Proposed method of staffing: Course will be staffed from existing SJ&B faculty resources. No staff additions are anticipated.
5.2   Special equipment needed: None
5.3   Expendable materials needed: None
5.4   Laboratory materials needed: None

6.   Proposed term for implementation: 2011(30)

7.   Dates of prior committee approvals:

School of Journalism & Broadcasting   December 3, 2010
Curriculum Committee:

School of Journalism & Broadcasting   December 10, 2010

Potter College Curriculum Committee   February 3, 2011

General Education Committee   _____

Undergraduate Curriculum Committee   _____

University Senate   _____

Attachment: Bibliography, Library Resources Form, **Course Inventory Form**

Potter College of Arts & Letters
Department of Journalism & Broadcasting
Proposal to Create a New Course
(Action Item)

Contact Person: Jeanie Adams-Smith, Jeanie.adams-smith@wku.edu, 745-6301

1.   **Identification of proposed course:**

1.1   Course prefix (subject area) and number: JOUR 439
1.2   Course title: Advanced Studio Lighting Techniques
1.3   Abbreviated course title: Advanced Studio Lighting
1.4   Credit hours and contact hours: 3
1.5   Type of course: K
1.6   Prerequisites: JOUR 333
1.7   Course catalog listing Advanced lighting techniques for studio
photography. Techniques applied to portrait and still-life assignments. Advanced
interviewing techniques for portrait work. The business of a working studio will
be explored. Final project includes a portfolio and business plan. Off campus
travel required. (lab fee)

2.   **Rationale:**

2.1   Reason for developing the proposed course: With the initial lighting course,
JOUR 333, Lighting Technologies, emphasizing on-location and video technique,
the studio class will allow the student to strictly focus on creating portraits and
still life in the challenging environment of the studio. The class will be an
important course for students wanting to place emphasis on lighting in their
professional work and eventually work as a studio photographer.
2.2   Projected enrollment in the proposed course: 15 students in the photojournalism
major based on current declared majors in the program; offered every other spring
semester.
2.3   Relationship of the proposed course to courses now offered by the department: A
fraction of JOUR 333 *Lighting Technologies*, is currently dedicated to studio
work. JOUR 333 provides a foundation in lighting. JOUR 439 allows students to
master techniques in studio lighting. JOUR 439 will be offered as a restricted
elective in the major.
2.4   Relationship of the proposed course to courses offered in other departments: none
2.5   Relationship of the proposed course to courses offered in other institutions: Ohio
University, Brooks Institute and other universities with photojournalism programs
offer advanced studio lighting courses. With JOUR 333 concentrating more on
students' on-location lighting skills, a studio course will keep the students
competitive with the training at these other institutions.

3. **Discussion of proposed course:**

   3.1   Course objectives: To support a foundation of lighting training and allow the students to better understand studio application as well as the business-side of photography. An advanced lighting course would allow students to experiment with more sophisticated techniques in portrait and product lighting.

   3.2   Content outline: Coursework would consist of studio portrait and product lighting, advanced interviewing skills for studio, studio business practices and illustrative photography like food and fashion.

   3.3   Student expectations and requirements: Students would be required to complete 8 to 10 weekly assignments as well as a final portfolio of studio work. There would be practical exams and interviews with studio professionals that they would be required to complete. There will also be midterm and final exams over studio terminology and technical problem-solving.

   3.4   Tentative texts and course materials: Steve Bavister: *Lighting for Portrait Photography,* RotoVision SA, East Sussex, England October 2007.
   Most of the lighting equipment students would need is provided in the studio, but they would need digital SLR cameras and lenses.

4. **Resources:**

   4.1   Library resources: inadequate

   4.2   Computer resources: The students will use the Mac labs in the School of Journalism & Broadcasting photojournalism program.

5. **Budget implications:**

   5.1   Proposed method of staffing: The course would be staffed by existing faculty and would be offered in spring term every other year as an elective course.

   5.2   Special equipment needed: The equipment needed is currently provided in the MMTH photo studio.

   5.3   Expendable materials needed: strobe

   5.4   Laboratory materials needed: none

6. **Proposed term for implementation:** spring 2012

7. **Dates of prior committee approvals:**
   School of Journalism & Broadcasting
   Curriculum Committee: December 2, 3010

   School of Journalism & Broadcasting   December 10, 2010

   Potter College Curriculum Committee   February 3, 2011

   Undergraduate Curriculum Committee   _____

   University Senate   _____

Attachment: Bibliography, Library Resources Form, **Course Inventory For**

Potter College of Arts & Letters
School of Journalism & Broadcasting
Proposal to Create a New Course
(Action Item)

Contact Person: Ron DeMarse ron.demarse@wku.edu 5-2840
Ted Hovet, ted.hovet@wku.edu, 5-5782

1.   Identification of proposed course:
   1.1   Course prefix (subject area) and number: FILM 369
   1.2   Course title: Introduction to World Cinema
   1.3   Abbreviated course title: Intro to World Cinema
   1.4   Credit hours and contact hours: 3
   1.5   Type of course: L
   1.6   Prerequisites/corequisites: Prerequisite: FILM 201 or permission of instructor
   1.7   Course catalog listing: Examines cinema in several regions including China, India, Europe, Middle East, Africa, and Latin America. Viewing of representative films accompanied by background readings on history/culture.

2.   Rationale:
   2.1   Reason for developing the proposed course: Currently the Film Major does not offer a course dedicated to a detailed introduction of world cinema. World Cinema will allow students to gain a focused overview of cinema beyond Hollywood. Through viewing representative films and conducting reading and research, students will gain a stronger understanding of the cultural power of motion pictures across the globe. All Film majors are required to take a minimum of six hours in the elective category of World Cinema. An Introduction to World Cinema will offer an excellent choice for study and a strong foundation for further study of cinema beyond Hollywood. It also meets the mission of WKU to increase global awareness and leadership among its students.
   2.2   Projected enrollment in the proposed course: 25 students
   2.3   Relationship of the proposed course to courses now offered by the department: FILM 201 *Introduction to Cinema* is a study of the basic elements and techniques of the film medium, providing a foundation for advanced study. FILM 369 *Introduction to World Cinema* takes an international approach to the study of cinema.
   2.4   Relationship of the proposed course to courses offered in other departments: Individual courses in particular national cinemas (Japan, German, French, Hispanic) exist, but not an introductory overview to international cinema as a whole. In addition, this course will not have, as do some of these other courses, a language requirement that will limit the number of students who can enroll. ENG 366 *History of Narrative Film* offers a general introduction to film history, but with a strong emphasis on Hollywood cinema and with a historical approach. In

contrast, World Cinema will take an international and thematic approach to the study of cinema.

2.5   A course in Introduction to World Cinema will complement the effort of many departments to offer courses in international topics and themes. The English department offers World Literature, Religious Studies offers numerous courses in world religions, Political Science offers classes in International Politics, etc.

2.6   Relationship of the proposed course to courses offered in other institutions: world cinema courses are offered on occasion at several other universities. Northern Kentucky University offers a survey in world cinema course; Ball State University offers two courses in world film history; Northern Arizona offers an introduction to world cinema. However, these courses do not fit into a film major that is equivalent to the one offered here at WKU.

3.   Discussion of proposed course:

3.1   Course objectives:

This course will provide students with a comprehensive introduction to major movements and figures in World Cinema. Students will gain a strong understanding of the relationship of a variety of international cinemas to the Hollywood "norm" and will be able to identify and define the alternatives to this norm. In each of the units listed in 3.2 below, students will be introduced to leading directors, to major works (at least two films from each area will be viewed), and to historical and contemporary writing about each of these cinemas.

3.2   Content outline:

Major Units will include:
- Western European Cinema
- Eastern European Cinema
- South Asian Cinema
- East Asian Cinema
- African Cinema
- South American Cinema
- Middle Eastern Cinema

3.3   Student expectations and requirements:

Students will write viewing journals on each film, will write three major essays (including one that will require significant research), and will be tested on key terms and concepts. Students will also be expected to actively participate in class discussions and to prepare at least one formal oral presentation.

3.4   Tentative texts and course materials:

Chapman, James. *Cinemas of the World*. London: Reaktion Books, 2003.
Galt, Rosalind and Karl Schoonover, eds. *Global Art Cinema: New Theories and Histories*. London: Oxford UP, 2010.
Hill, John and Pamela Church Gibson, eds. *World Cinema: Critical Approaches*. London: Oxford UP 2000.

4. Resources:
    4.1   Library resources: Library resources are adequate
    4.2   Computer resources: No additional computer resources needed.

5. Budget implications:
    5.1   Proposed method of staffing: Current Faculty
    5.2   Special equipment needed: None
    5.3   Expendable materials needed: None
    5.4   Laboratory materials needed: None

6. Proposed term for implementation: 2011(30)

7. Dates of prior committee approvals:

School of Journalism & Broadcasting Curriculum Committee:	December 3, 2010
School of Journalism & Broadcasting	December 10, 2010
Potter College Curriculum Committee	February 3, 2011
Undergraduate Curriculum Committee	_____
University Senate	_____

Attachment: Bibliography, Library Resources Form, **Course Inventory Form**

Potter College of Arts & Letters
School of Journalism & Broadcasting
Proposal to Create a New Course
(Action Item)

Contact Person: Ron DeMarse ron.demarse@wku.edu 5-2840
Ted Hovet, ted.hovet@wku.edu, 5-5782

1. **Identification of proposed course:**
   1.1   Course prefix (subject area) and number: FILM 399
   1.2   Course title: Special Topics in Film
   1.3   Abbreviated course title: Special Topics in Film
   1.4   Credit hours and contact hours: 3
   1.5   Type of course: L
   1.6   Prerequisites/corequisites: None
   1.7   Course catalog listing: A detailed study of special topics in Film.

2. **Rationale:**
   2.1   Reason for developing the proposed course: The current Film Major offers students a large number of electives, but does not cover all possible topics in film studies. This course will give faculty in any discipline an opportunity to develop a course in Film, either offered on campus or as a study-abroad class.
   2.2   Projected enrollment in the proposed course: Enrollment would likely range between 15 and 35 students based on other Special Topics courses offered by departments in Potter College.
   2.3   Relationship of the proposed course to courses now offered by the department: This course is similar to JOUR/BCOM 481 *Problems in Mass Communication* which allows a broad range of topics in mass communication. FILM 399 will be dedicated to topics in film only.
   2.4   Relationship of the proposed course to courses offered in other departments: Several other departments offer Special Topics courses, including English, Pop Culture, History, and Art. However, this course will provide an additional venue, specifically for Film majors, to explore other aspects of the field.
   2.5   Relationship of the proposed course to courses offered in other institutions: The study of film has become well established at academic institutions worldwide, and many programs in film studies offer similar special topics classes to the one here proposed, including Eastern Michigan University, Ball State University, and Northern Arizona University

3. **Discussion of proposed course:**
   3.1   Course objectives:
          These will vary depending on the instructor and particular subject covered,   but will generally be designed to emphasize their interdisciplinary nature.
   3.2   Content outline:
          Content will vary depending on the instructor and particular subject   covered.
   3.3   Student Expectations and Requirements:
          Although these will be determined by individual instructors, innovative

approaches to the material that emphasize critical thinking and writing as   well as academic rigor will be encouraged.

    3.4   Tentative texts and course materials:
Texts and materials will be determined by the individual instructors. It is   expected that instructors will utilize current University holdings.

4.   **Resources:**
    4.1   Library resources: No additional library resources needed.
    4.2   Computer resources: No additional computer resources needed.

5.   **Budget implications:**
    5.1   Proposed method of staffing: The course will be taught by current faculty.
    5.2   Special equipment needed: None
    5.3   Expendable materials needed: None
    5.4   Laboratory materials needed: None

6.   **Proposed term for implementation:** 2011(30)

7.   **Dates of prior committee approvals:**

School of Journalism & Broadcasting
Curriculum Committee: December 3, 2010

School of Journalism & Broadcasting   December 10, 2010

PCAL Curriculum Committee   February 3, 2011

Undergraduate Curriculum Committee   _____

University Senate   _____

Attachment: Bibliography, Library Resources Form, **Course Inventory Form**

Potter College of Arts & Letters
School of Journalism & Broadcasting
Proposal to Revise a Program
(Action Item)

Contact Person: Ted Hovet, ted.hovet@wku.edu, 745-5782
Ron DeMarse, ron.demarse@wku.edu,745-2840

1.   **Identification of program:**
1.1   Current program reference number: 667
1.2   Current program title: Major in Film
1.3   Credit hours: 35

2.   **Identification of the proposed program changes:**
* Add elective: BCOM 378 Film Animation
* Add elective: FILM 369 Introduction to World Cinema
* Add elective: FILM 399 Special Topics in Film

3.   **Detailed program description:**

Current Program		Revised Program (Changes in bold)	
Required Courses (19 hours)	Hours	**Required Courses (19 hours)**	Hours
FILM 201(Intro to the Cinema)	3	FILM 201(Intro to the Cinema)	3
BCOM 350 (Scriptwriting for Film & Television)	3	BCOM 350 (Scriptwriting for Film & Television)	3
BCOM 366 (Video Editing, Aesthetics & Techniques)	3	BCOM 366 (Video Editing, Aesthetics & Techniques)	3
BCOM 367 (Field Production)	3	BCOM 367 (Field Production)	3
BCOM 376 (Film Production for Television)	3	BCOM 376 (Film Production for Television)	3
THEA 101 (Acting I)	3	THEA 101 (Acting I)	3
FILM 485 (Senior Seminar)	1	FILM 485 (Senior Seminar)	1
Electives (12 hours) Students must take four of the following courses, including at least *two* in the world cinema category and *one* in the genres & theory category. Other courses may be approved as a restricted elective upon approval of the faculty advisor in the major and the program coordinator.		Electives (12 hours) Students must take *four* of the following courses, including at least *two* in the world cinema category and *one* in the genres & theory category. Other courses may be approved as a restricted elective upon approval of the faculty advisor in the major and the program coordinator.	
Genres & Theory		*Genres & Theory*	
ENG 309 (Documentary Film)	3	ENG 309 (Documentary Film)	3
ENG 365 (Film Adaptation)	3	ENG 365 (Film Adaptation)	3
ENG 465 (Film Genres)	3	ENG 465 (Film Genres)	3

ENG 466 (Film Theory)	3	ENG 466 (Film Theory)	3
ANTH 448 (Visual Anthropology)	3	ANTH 448 (Visual Anthropology)	3
		BCOM 378 (Film Animation)	**3**
		FILM 399 (Special Topics in Film)	**3**

Current Program		**Revised Program** **(Changes in bold)**	
	Hours		Hours
World Cinema		*World Cinema*	
ENG 366 (History of Narrative Film)	3	ENG 366 (History of Narrative Film),	3
ENG 368 (Japanese Cinema in Translation)	3	ENG 368 (Japanese Cinema in Translation),	3
PS 303 (Politics and Film)	3	PS 303 (Politics and Film)	3
GERM 437 (German Literature and Film)	3	GERM 437 (German Literature and Film)	3
FREN 450 (Topics in Francophone Cinema)	3	FREN 450 (Topics in Francophone Cinema)	3
SPAN 490 (Hispanic Cinema)	3	SPAN 490 (Hispanic Cinema)	3
BCOM 481 (Problems in Mass Communication [Special Topic: World Cinema /Study Abroad])	3	BCOM 481 (Problems in Mass Communication [Special Topic: World Cinema /Study Abroad])	3
		FILM 369 (Introduction to World Cinema)	**3**
Workshop/Seminar (4 hours) Students must take four credit hours from the following courses, either of which may be repeated.		Workshop/Seminar (4 hours) Students must take four credit hours from the following courses, either of which may be repeated.	
FILM 482 (Film Production workshop)	2	FILM 482 (Film Production workshop)	2
FILM 483 (Film Studies Seminar)	2	FILM 483 (Film Studies Seminar)	2
Total Number of Hours	35	Total Number of Hours	35

4.   Rationale for the proposed program change:

These three new electives will give students majoring in film more depth and flexibility in their program of study. BCOM 378, which has long been an elective in the Film Studies Minor, offers students both hands-on experience and a historical understanding of the important cinematic genre of animation. Introduction to World Cinema (FILM 369, a new course that is being proposed in conjunction with this program revision) will allow students to gain a focused overview of cinema beyond Hollywood. Through viewing representative films and conducting reading and research, students will gain a stronger understanding of the cultural power of motion pictures across the globe. By adding an elective Special Topics in Film (FILM 399, also a new course proposal in conjunction with this program revision) to the major, faculty across campus will have the opportunity to design a course on some aspect of cinema, in an area of their particular interest. This course number can also be used to designate special courses in the area of film in other units, such as one-time offerings in study abroad or the honors college.

5. **Proposed term for implementation and special provisions (if applicable):** fall 2011 and previous catalog year 2010.

6. **Dates of prior committee approvals:**

School of Journalism & Broadcasting Curriculum Committee:	December 3, 2010
School of Journalism & Broadcasting	December 10, 2010
Potter College Curriculum Committee	February 3, 2011
Undergraduate Curriculum Committee	_____
University Senate	_____

Attachment: Program Inventory Form

Potter College of Arts & Letters
School of Journalism & Broadcasting
Proposal to Revise a Program
(Action Item)

Contact Person: Jo-Anne Ryan, jo-anne.ryan@wku.edu 745-3828

1.   **Identification of program:**
       1.1   Current program reference number: 750
       1.2   Current program title: Major in Photojournalism
       1.3   Credit hours: 42

2.   **Identification of the proposed program changes:**
       add JOUR 439 *Advanced Studio Lighting* to the restricted elective course list.

3.   **Detailed program description:**

ADMISSION REQUIREMENTS:
Prospective majors may take no more than 18 hours in the major before admission.
1. Completion of 30 hours of course work applicable to the baccalaureate degree with a minimum overall grade point average of 2.5.
2. Required courses include COMM 145 or COMM 161 (preferably COMM 161), HIST 119 or 120, the university math requirement, and ENG 100 with at least a 'C'.
3. Completion of the following courses with at least a 'C': JOUR 201, 202, 231, 261
 	
Required Courses - 36 hours
JOUR 201 Media & Society
JOUR 202 Intro. to Media Writing, Reporting
JOUR 231 Introduction to Photojournalism
JOUR 261 Introduction to Multimedia
One of the following two law classes
        JOUR 301 Press Law & Ethics
        BCOM 301 Mass Comm. Law & Ethics
JOUR 302 Intermediate Reporting
JOUR 333 Lighting Technologies
JOUR 334 Picture Stories
JOUR 336 Picture Editing
JOUR 362 Web Narratives
	ADMISSION REQUIREMENTS:
	Prospective majors may take no more than 18 hours in the major before admission.
	1. Completion of 30 hours of course work applicable to the baccalaureate degree with a minimum overall grade point average of 2.5.
	2. Required courses include COMM 145 or COMM 161 (preferably COMM 161), HIST 119 or 120, the university math requirement, and ENG 100 with at least a 'C'.
	3. Completion of the following courses with at least a 'C': JOUR 201, 202, 231, 261
	
	Required Courses - 36 hours
	JOUR 201 Media & Society
	JOUR 202 Intro. to Media Writing, Reporting
	JOUR 231 Introduction to Photojournalism
	JOUR 261 Introduction to Multimedia
	One of the following two law classes
	        JOUR 301 Press Law & Ethics
	        BCOM 301 Mass Comm. Law & Ethics
	JOUR 302 Intermediate Reporting
	JOUR 333 Lighting Technologies
	JOUR 334 Picture Stories
	JOUR 336 Picture Editing
	JOUR 362 Web Narratives

JOUR 432 Photojournalism Practicum
JOUR 436 Photojournalism Projects
 	
Restricted Electives - Select 6 hours
JOUR 323 News Editing
JOUR 325 Feature Writing
JOUR 443 Interactive Advertising Design
BCOM 368 News Videography & Editing
 	
Requirements outside the major
PS 110 American National Government
PS 304 State Government
ENT 312 Entrepreneurship
One of the following two GEOG classes
  GEOG 110 World Regional Geography
  GEOG 360 Geography of N. America
	JOUR 432 Photojournalism Practicum
	JOUR 436 Photojournalism Projects
	
	Restricted Electives - Select 6 hours
	JOUR 323 News Editing
	JOUR 325 Feature Writing
	JOUR 443 Interactive Advertising Design
	JOUR 439 Advanced Studio Lighting
	BCOM 368 News Videography & Editing
	
	Requirements outside the major
	PS 110 American National Government
	PS 304 State Government
	ENT 312 Entrepreneurship
	One of the following two GEOG classes
	  GEOG 110 World Regional Geography
	  GEOG 360 Geography of N. America

(side-by-side table is requested for ALL program changes except title changes showing new program on right and identifying changes in bold type.)

4. **Rationale for the proposed program change:** Adding JOUR 439 to the list of restricted electives provides curricular flexibility to students in the Photojournalism program and provides another appropriate opportunity to further their study of photography.

5. **Proposed term for implementation and special provisions (if applicable):** fall 2011 and previous catalog years 2010, 2009, 2008, and 2007.

6. **Dates of prior committee approvals:**

   School of Journalism & Broadcasting   <u>December 10, 2010</u>

   Potter College Curriculum Committee   <u>February 3, 2011</u>

   Undergraduate Curriculum Committee   _____

   University Senate   _____

Attachment: Program Inventory Form

Gordon Ford College of Business
Department of Management
Proposal to Revise Course Prerequisites
(Consent Item)

Contact Person: In Hyeock (Ian) Lee, ian.lee@wku.edu, 270-745-5810

1.   **Identification of course:**
        1.1   Course prefix (subject area) and number: MGT 316
        1.2   Course title: International Management
        1.3   Credit hours: 3

2.   **Current prerequisites:** MGT 210

3.   **Proposed prerequisites:** MGT 303 or by instructors' approval

4.   **Rationale for the revision of prerequisites:**
        MGT 303 (International Business) is an introductory course for IB majors/minors,
        dealing with fundamentals of international business in planning, organizing, and control
        aspects of multinational enterprises (MGT 210 is a current prerequisite). MGT 316
        (International Management) is an elective course for IB majors/minors with an emphasis
        on strategic management issues unique to the global environment. Therefore, MGT 316
        should be built on the topics discussed in MGT 303.

5.   **Effect on completion of major/minor sequence:**
        MGT 303 in spring and MGT 316 in fall every year for IB majors/minors

6.   **Proposed term for implementation:** Fall 2011

7.   **Dates of prior committee approvals:**

        Management Department   November 12, 2010

        GFCB Curriculum Committee   February 3, 2011

        Undergraduate Curriculum Committee   _____

        University Senate   _____

Attachment: Course Inventory Form

Ogden College of Science and Engineering
Office of the Dean
745-4449

REPORT TO THE UNIVERSITY CURRICULUM COMMITTEE
Date: February 10, 2011
The Ogden College of Science and Engineering submits the following items for consideration:
I. New Business

Type of item	Description of Item & Contact Information
Consent	**Revise Course Number** CS 230, Introduction to Programming Contact: Zhonghang Xia, zhonghang.xia@wku.edu, 56459
Consent	**Revise Course Prerequisites** CE 341, UK-Fluid Thermal Science Contact: Shane M. Palmquist, shane.palmquist@wku.edu, x52919
Consent	**Revise Course Prerequisites** CE 342, WKU-Fluid Thermal Science Contact: Shane M. Palmquist, shane.palmquist@wku.edu, x52919
Consent	**Revise Course Prerequisites** CS 181, Computer Science II Contact: Zhonghang Xia, zhonghang.xia@wku.edu, x56459
Consent	**Revise Course Prerequisites** CS 270, Introduction to Web Programming Contact: James Gary, james.gary@wku.edu, x56373 Zhonghang Xia, zhonghang.xia@wku.edu, 56459
Consent	**Revise Course Prerequisites** CS 360, Software Engineering I Contact: Uta Ziegler, uta.ziegler@wku.edu, x52911
Consent	**Revise Course Prerequisites** CS 396, Intermediate Software Project Contact: Uta Ziegler, uta.ziegler@wku.edu, x52911
Consent	**Revise Course Prerequisites** CS 425, Operating Systems I Contact: Qi Li, qi.li@wku.edu, x56225 James Gary, james.gary@wku.edu, x56373 Zhonghang Xia, zhonghang.xia@wku.edu, x56459
Action	**Create a New Certificate Program** Certificate in Drinking Water Operations Contact: Jana Fattic, jana.fattic@wku.edu, x58706
Action	**Create a New Course** AGRI 315, Water in Food Production Contact: Elmer Gray, elmer.gray@wku.edu, x55961
Action	**Make Multiple Revisions to a Course** BIOL 485, Field Biology Contact: Scott Grubbs, scott.grubbs@wku.edu, x55048
Action	**Make Multiple Revisions to a Course**

	CS 442, Data Structures and Algorithm Analysis Contact: Uta Ziegler, uta.ziegler@wku.edu, x52911
Action	**Make Multiple Revisions to a Course** CS 444, Programming Languags Contact: Uta Ziegler, uta.ziegler@wku.edu, x52911
Action	**Revise a Program** Ref. #326, Minor in Biology Contact: Scott Grubbs, scott.grubbs@wku.edu, x55048
Action	**Revise a Program** Ref. #525, Major in Biology (without a minor) Contact: Scott Grubbs, scott.grubbs@wku.edu, x55048
Action	**Revise a Program** Ref. #617, Major in Biology (with a minor) Contact: Scott Grubbs, scott.grubbs@wku.edu, x55048
Action	**Revise a Program** Ref. #534P, Civil Engineering-Prep Contact: Shane Palmquist, shane.palmquist@wku.edu, x52919
Action	**Revise a Program** Ref. #629, Bachelor of Science in Computer Science Contact: Uta Ziegler, uta.ziegler@wku.edu, x52911

Ogden College of Science and Engineering
Department of Mathematics and Computer Science
Proposal to Revise Course Number
(Consent Item)

Contact Person: Zhonghang Xia, zhonghang.xia@wku.edu, 745-6459

1.   Identification of course:
    1.1   Current course prefix (subject area) and number: CS 230
    1.2   Title: Introduction to Programming
    1.3   Credit hours: 3.0

2.   Proposed course number: CS 146

3.   Rationale for the revision of course number:

    The revision of the course number provides consistency with the ongoing restructuring of the computer science undergraduate program. The new number is more appropriate for the level of the course.

4.   Proposed term for implementation: Fall 2011

5.   Dates of prior committee approvals:

    Math and CS Department   ____12/3/2010_____

    Ogden College Curriculum Committee   ____2/3/2011_____

    Professional Education Council   ____2/16/2011_____

    University Curriculum Committee   _____

    University Senate   _____

Attachment: Course Inventory Form

Ogden College of Science and Engineering
Department of Engineering
Proposal to Revise Course Prerequisites
(Consent Item)

Contact Person: Shane M. Palmquist, shane.palmquist@wku.edu, 745-2919

1. **Identification of course:**
   1.14   Course prefix (subject area) and number: CE 341
   1.15   Course title: UK-Fluid Thermal Science
   1.16   Credit hours: 4

2. **Current prerequisites:**
   Prerequisites: MATH 137 and EM 221 or 222

3. **Proposed prerequisites:**
   Prerequisites: MATH 137 and EM 221 or 222, and major status in civil engineering

4. **Rationale for the revision of prerequisites:**
   Currently, civil engineering students can remain pre-majors even into their senior year; this is not in the students' best interest. By adding major status in civil engineering as a prerequisite to CE 341 UK-Fluid Thermal Science, students will be required to change from pre-major to major status by the first semester of their junior year.

5. **Effect on completion of major sequence:**
   Postponing completion of all the courses and labs to transition from pre-major to major will cause a delay in graduation. This delay may be significant. However, requiring major status in CE 341 will help encourage students to take the proper courses in the correct order, as indicated in the Undergraduate Catalog and the Civil Engineering Student Handbook.

6. **Proposed term for implementation:**   Fall 2011

7. **Dates of prior committee approvals:**

   Department of Engineering   _____11/30/10_____

   Ogden College Curriculum Committee   _____2/3/2011_____

   Undergraduate Curriculum Committee   _____

   University Senate   _____

Attachment: Course Inventory Form

Ogden College of Science and Engineering
Department of Engineering
Proposal to Revise Course Prerequisites
(Consent Item)

Contact Person: Shane M. Palmquist, shane.palmquist@wku.edu, 745-2919

1.   **Identification of course:**
        1.1   Course prefix (subject area) and number: CE 342
        1.2   Course title: WKU-Fluid Thermal Science
        1.3   Credit hours: 4

2.   **Current prerequisites:**
        Prerequisites: MATH 137 and EM 221 or 222

3.   **Proposed prerequisites:**
        Prerequisites: MATH 137 and EM 221 or 222, and major status in civil engineering

4.   **Rationale for the revision of prerequisites:**
        Currently, civil engineering students can remain pre-majors even into their senior year; this is not in the students' best interest. By adding major status in civil engineering as a prerequisite to CE 341 UK-Fluid Thermal Science, students will be required to change from pre-major to major status by the first semester of their junior year.

5.   **Effect on completion of major/minor sequence:**
        Postponing completion of all the courses and labs to transition from pre-major to major will cause a delay in graduation. This delay may be significant. However, requiring major status for enrollment in CE 341 will help encourage students to take the proper courses in the correct order, as indicated in the Undergraduate Catalog and the Civil Engineering Student Handbook.

6.   **Proposed term for implementation:**   Fall 2011

7.   **Dates of prior committee approvals:**

        Department of Engineering   _____11/30/10_____

        Ogden College Curriculum Committee   _____2/3/11_____

        Undergraduate Curriculum Committee   _____

        University Senate   _____

Attachment: Course Inventory Form

Ogden College of Science and Engineering
Department of Mathematics and Computer Science
Proposal to Revise Course Prerequisites/Corequisites
(Consent Item)

Contact Person: Zhonghang Xia, zhonghang.xia@wku.edu, 745-6459

1.   **Identification of course:**
        1.1   Course prefix (subject area) and number: CS 181
        1.2   Course title: Computer Science II
        1.3   Credit hours: 4

2.   **Current prerequisites:** CS 180 with a grade of C or better, and eligibility to enroll in a
         calculus course based on criteria developed by the Department of Mathematics and
         Computer Science.

3.   **Proposed prerequisites:** PHIL 215 and CS 180 with grades of C or better, and eligibility
        to enroll in a calculus course based on criteria developed by the Department of
        Mathematics and Computer Science.

4.   **Rationale for the revision of prerequisites:**
        PHIL 215 provides essential principles of logic that are applied in CS 181. An
        understanding of logic is an ACM ABET requirement.

5.   **Effect on completion of major/minor sequence:**
        None

6.   **Proposed term for implementation:** Spring 2012

7.   **Dates of prior committee approvals:**

        Math and CS Department   ___1/21/2011_____

        Ogden College Curriculum Committee   ___2/3/2011_____

        University Curriculum Committee   _____

        University Senate   _____

Attachment: Course Inventory Form

Ogden College of Science and Engineering
Department of Mathematics and Computer Science
Proposal to Revise Course Prerequisites/Corequisites
(Consent Item)

Contact Person: James Gary, james.gary@wku.edu, 745-6373
Zhonghang Xia, zhonghang.xia@wku.edu, 745-6459

1. **Identification of course:**
   1.1   Course prefix (subject area) and number: CS 270
   1.2   Course title: Introduction to Web Programming
   1.3   Credit hours: 3

2. **Current prerequisites:** CS 230, or CS 180

3. **Proposed prerequisites:** CS 146, or CS170, or CS180

4. **Rationale for the revision of prerequisites:**
   CS 230 has been re-numbered CS 146; CS 170 is a relatively new course. Any of the three courses (CS 146, CS 170 or CS 180) provide the programming experience necessary for success in CS 270.

5. **Effect on completion of major/minor sequence:**
   None

6. **Proposed term for implementation:** Fall 2011

7. **Dates of prior committee approvals:**

   Math and CS Department   _____12/3/2010_____

   Ogden College Curriculum Committee   _____2/3/2010_____

   University Curriculum Committee   _____

   University Senate   _____

Attachment: Course Inventory Form

Ogden College or Science and Engineering
Department of Mathematics and Computer Science
Proposal to Revise Course Prerequisites/Corequisites
(Consent Item)

Contact Person: Uta Ziegler,   uta.ziegler@wku.edu, 745-2911

1.   **Identification of course:**
        1.1   Current course prefix (subject area) and number: CS 360
        1.2   Title: Software Engineering I
        1.3   Credit hours: 3.0

2.   **Current prerequisites:**
        A grade of C or better in CS 181, ENG 307 and either COMM 161 or COMM 145

3.   **Proposed prerequisites:**
        A grade of C or better in CS 181

4.   **Rationale for the revision of prerequisites:**
        The department now offers a separate project course (CS 396) in which students are required to make presentations related to their work and write reports. Thus, the communication-related prerequisites are more suited for CS 396.

5.   **Effect on completion of major/minor sequence:**
        None

6.   **Proposed term for implementation:**
        Fall 2011

7.   **Dates of prior committee approvals:**

        Math and CS Department   _____12/3/2010_____

        Ogden College Curriculum Committee   _____2/3/2011_____

        University Curriculum Committee   _____

        University Senate   _____

Attachment: Course Inventory Form

Ogden College or Science and Engineering
Department of Mathematics and Computer Science
Proposal to Revise Course Prerequisites/Corequisites
(Consent Item)

Contact Person: Uta Ziegler,   uta.ziegler@wku.edu, 745-2911

1. **Identification of course:**
    1.1   Current course prefix (subject area) and number: CS 396
    1.2   Title: Intermediate Software Project
    1.3   Credit hours: 3.0

2. **Current prerequisites:**
    CS 251

3. **Proposed prerequisites:**
    A grade of C or better in CS 251, ENG 307, and either COMM 161 or COMM 145

4. **Rationale for the revision of prerequisites:**
    All CS courses counting towards the major must be passed with a C or better. In CS 396 students are required to make presentations related to their work and write reports. ENG 307 is required of all computer science majors and COMM 161 or COMM 145 is required by the university. Requiring these courses to be taken prior to CS 396 ensures that students are well prepared for the communication-related aspect of CS 396.

5. **Effect on completion of major/minor sequence:**
    None

6. **Proposed term for implementation:**
    Fall 2011

7. **Dates of prior committee approvals:**

    Math and CS Department   ____12/3/2010_____

    Ogden College Curriculum Committee   ____2/3/2011_____

    University Curriculum Committee   _____

    University Senate   _____

Attachment: Course Inventory Form

Ogden College of Science and Engineering
Department of Mathematics and Computer Science
Proposal to Revise Course Prerequisites/Corequisites
(Consent Item)

Contact Person: Qi Li, qi.li@wku.edu, 745-6225
James Gary, james.gary@wku.edu, 745-6373
Zhonghang Xia, zhonghang.xia@wku.edu, 745-6459

1. **Identification of course:**
   1.1   Course prefix (subject area) and number: CS 425
   1.2   Course title: Operating Systems I
   1.3   Credit hours: 3

2. **Current prerequisites:** CS 325, CS 360

3. **Proposed prerequisites:** A grade of C or better in CS 325 and CS 382

4. **Rationale for the revision of prerequisites:**
   Topics and projects assignments in current CS 360 are not very helpful for the conceptual understanding and hands-on study of operating systems. Instead, CS 382 (Programming Languages) introduces new languages and covers common characteristics of imperative languages, which help students be well prepared for CS 425, especially the projects.

5. **Effect on completion of major/minor sequence:**
   None

6. **Proposed term for implementation:** Fall 2011

7. **Dates of prior committee approvals:**

   Math and CS Department   ___1/21/2011_____

   Ogden College Curriculum Committee   ___2/3/2011_____

   University Curriculum Committee   _____

   University Senate   _____

Attachment: Course Inventory Form

Ogden College of Science and Engineering
Department of Architectural and Manufacturing Sciences
Proposal to Create a New Certificate Program
(Action Item)

Contact Person: Jana Fattic, jana.fattic@wku.edu, (270) 745-8706

1. **Identification of program:**
   1.1   Program title: Certificate in Drinking Water Operations
   1.2   Required hours in program: 24
   1.3   Special information: This program is intended for students wishing to pursue a career in drinking water operations, without completing an associate degree.
   1.4   Catalog description: This 24-hour Certificate Program in Drinking Water Operations is intended for students wishing to pursue a career in drinking water operations without completing an associate degree. The courses needed to fulfill the requirements for this certificate are WTTI 200, WTTI 210, WTTI 212, WTTI 220, WTTI 222, WTTI 226, WTTI 230, and AMS 367.

2. **Objectives of the proposed certificate program:**
   This certificate program will prepare the recipient for an entry-level position at a water treatment facility and is intended for students who do not wish to complete an Associate Degree in Water Resource Management (WRM). Those who complete this certificate program will have the competencies required to meet expectations of prospective water industry employers. These expectations are based on the certification standards of relevant state agencies and include management skills needed in day-to-day water treatment operations.

3. **Rationale:**
   3.1   Reason for developing the proposed certificate program: Many of the students currently enrolled in WRM courses are already working in the field and are taking those courses in order to meet the continuing education units (CEU) required for licensure as water operators. The only courses in the WRM degree program that meet these CEUs are the concentration-specific courses. These courses, with the substitution of AMS 367 for WTTI 291, would constitute the certificate program.
   3.2   Relationship of the proposed certificate program to other programs now offered by the department: The certificate program includes only the concentration requirements of an Associate Degree in Water Resource Management, with a concentration in Water Technology. The difference between this program and the Associate Degree program would be the exclusion of the general education and science core requirements and the replacement of WTTI 291 with AMS 367.
   3.3   Relationship of the proposed certificate program to certificate programs offered in other departments: No other departments at Western Kentucky University offer this type of certificate program or anything similar to it.

3.4 Projected enrollment in the proposed certificate program: Based on previous enrollment in this set of courses, 10 per year. However, enrollment may increase since there are probably some students who have an interest in the program but do not wish to meet the requirements for an associate degree.

3.5 Similar certificate programs offered elsewhere in Kentucky and in other states (including programs at benchmark institutions): Educational institutions in other states offer successful certificate programs in this field. Florida Gateway College offers a Water Quality Technician certificate (12 hours) and Bristol Community College (MA) offers a Water Quality Professional certificate (13 hours). Because of its uniqueness in Kentucky, we believe that our certificate program will attract a significant number of students from throughout the region.

3.6 Relationship of the proposed certificate program to the university mission and objectives: Western Kentucky University hopes to evolve and adapt its mission to changing state and national needs. This certificate program would help to ensure that future employees are brought into the water operations industry, where 35% of the entire workforce is expected to retire in the next 10 years. Therefore, this program would constitute an adaptation to changing state and national needs.

4.   Curriculum:
WTTI 200:   Water Supply and Wastewater Control (3 hours)
WTTI 210:   Introduction to Water Treatment (3 hours)
WTTI 212:   Water Distribution and Wastewater Collection (3 hours)
WTTI 220:   Calculations & Hydraulics for Water (3 hours)
WTTI 222:   Water & Wastewater Instrumentation & Control (3 hours)
WTTI 226:   Water Chemistry (3 hours)
WTTI 230:   Advanced Water Treatment (3 hours)
AMS 367:   Supervised Work Experience (3 hours)

5.   Budget implications: At the present time, no additional faculty will be needed in order to implement this certificate program.

6.   Proposed term for implementation: Fall 2011

7.   Dates of prior committee approvals:

AMS Department: ____1/19/11_____

OCSE Curriculum Committee   ____2/3/11_____

Undergraduate Curriculum Committee   _____

University Senate   _____

Attachment: Program Inventory Form

Ogden College of Science and Engineering
Department of Agriculture
Proposal to Create a New Course
(Action Item)

Contact Person: Elmer Gray 745-5961 elmer.gray@wku.edu

1.   Identification of proposed course:

1.1   Course prefix (subject area) and number: AGRI 315

1.2   Course title: Water in Food Production

1.3   Abbreviated course title: Water in Food Production

1.4   Credit hours and contact hours: 3

1.5   Type of course: Lecture (L)

1.6   Prerequisites: Junior standing. Minimum of 12 hours of agriculture or other sciences, or combination thereof.

1.7   Course catalog listing: A study of the role of water in food production, including availability and distribution, economics, droughts and floods, pollution, waste disposal, sustainability, political rights and regulations, and ethics.

2.   Rationale:

2.6   Reason for developing the proposed course:
Water, a finite resource, is the most limiting natural resource for food production. Agriculture utilizes about 70% of the water extracted from surface and ground water reserves. This one industry uses approximately three times the amount of water used by all other industries combined and is also the primary water polluter. Therefore, understanding water utilization and conservation is basic to practitioners and professionals in agriculture.

2.7   Projected enrollment in the proposed course: 30 students per offering based on enrollments in other elective courses in agriculture.

2.8   Relationships for the proposed course to courses now offered by the department: Proposed course will undergird most courses in animal and plant production, turf management, and soil science.

2.9   Relationship of the proposed course to courses offered in other departments: Introduction to Environmental Science 280 (offered as ENV, AGRI, BIOL, PH, CHEM, GEOG, GEOL). Application of science to solutions of contemporary environmental issues including water.

CE (361) Minor in Floodplain Management provides students with basic knowledge and skills to administer flood mitigation and recovery programs. GEOG and GEOL (491) minor in Water Resources provide foundation in physical and social science aspects of water resource management and policy.

The above courses and programs focus on specific aspects of water management and policy regulation, but generally do not relate to food production.

2.10   Relationship of the proposed course to courses offered in other institutions: Although no other institutions offer such a course, the need is of sufficient importance to make this innovative offering worthwhile.

3.   Discussion of proposed course:

3.5   Course objectives: Upon completion of the course, students will have a better understanding of the sources and availability of water for agriculture; water requirements for food production; water as a medium for polluting food and the environment; and water use regulatory policies.

3.6   Content outline:
Water cycle
World sources and distribution of water for food production.
Dependency of agriculture on adequate water.
Water requirements for livestock and crop food production.
Economics of water utilization.
Water for sanitation and waste management.
Water in conservation of soil and other resources.
Virtual water and international trade of agricultural products.
Developing sources of water for agriculture.
Regulating agencies and policies for water utilization.
Ethics in distribution of limited water supplies.

3.7   Student expectations and requirements: Assigned readings, individual class presentation on an aspect of water utilization in food production, participation as a group member in discussing a major water topic, mid-term and final exams.

3.8   Tentative texts and course materials:
Molden, David (ed.).2007. Water for Food, Water for Life: A Comprehensive Assessment of Water Management in Agriculture. London: Earthscan, and Colombo, International Water Management Institute. 645p.

Magee, M. 2005. Healthy Waters: What every health professional should know about water. Spencer Books, Bronxville, NY. 142p.

4. Resources:

4.1   Library resources: See attached Library Resource Form and Bibliography

4.2   Computer resources: Adequate.

5. Budget implications:

5.5   Proposed method of staffing: Taught by current faculty.

5.6   Special equipment needed: None

5.7   Expendable materials needed: None

5.8   Laboratory materials needed: None

6.   Proposed term for implementation: Fall 2011

7.   Dates of prior committee approvals:

Agriculture Department: _____12/9/10_____

OSCE Curriculum Committee   _____2/3/11_____

Undergraduate Curriculum Committee   _____

University Senate   _____

Attachment: Bibliography, Library Resources Form, Course Inventory Form

Ogden College of Science and Engineering
Department of Biology
Proposal to Make Multiple Revisions to a Course
(Action Item)

Contact Person: Scott Grubbs, scott.grubbs@wku.edu 745-5048

1.   Identification of course:
  1.1   Current course prefix (subject area) and number: BIOL 485
  1.2   Course title: Field Biology
  1.3   Credit hours: 3

5.   Revise course catalog listing:
  5.1   Current course catalog listing: An intensive field experience on a specific
              biological topic, consisting of a two-week trip to a geographical area of biological
              interest proceeded by a four-day introductory session and followed by a one-day
              evaluation session (course fee)
  5.2   Proposed course catalog listing: An intensive field experience on a specific
              biological or ecological topic. (course fee)
  5.3   Rationale for revision of course catalog listing: At one time BIOL 485 was used
              mainly for Study Abroad-type classes where the four-day introduction plus two-
              week field trip course design was followed closely. With our increased offerings
              of both international and local field-based classes, having the flexibility to design
              a course with variable credit necessitates removing the restriction of the current
              course description.

6.   Revise course credit hours:
  6.1   Current course credit hours: 3
  6.2   Proposed course credit hours: 1–4
  6.3   Rationale for revision of course credit hours: Changing to variable credit, ranging
              from one to four, would provide needed flexibility and not limit a faculty
              member to offering only a three-credit course. A field classes can be easily
              designed as a 1-, 2-, 3-, or 4-credit course.

7.   Proposed term for implementation: Fall 2011

8.   Dates of prior committee approvals:
  Department of Biology: January 21, 2011

  OCSE Curriculum Committee: February 3, 2011

  Undergraduate Curriculum Committee: _____

  University Senate: _____

Attachment: Course Inventory Form

Ogden College of Science and Engineering
Department of Mathematics and Computer Science
Proposal to Make Multiple Revisions to a Course
(Action Item)

Contact Person: Uta Ziegler,   uta.ziegler@wku.edu, 745-2911

1.   **Identification of course:**

    1.1   Current course prefix (subject area) and number: CS 442
    1.2   Course title: Data Structures and Algorithm Analysis
    1.3   Credit hours: 3

2.   **Revise course title: N/A**

3.   **Revise course number:**

    3.1   Current course number: CS 442
    3.2   Proposed course number: CS 380
    3.3   Rationale for revision of course number:
        The revision of course number provides consistency with the ongoing
        restructuring of the computer science undergraduate program. The new level is
        more appropriate to the material being covered.

4.   **Revise course prerequisites:**

    4.1   Current prerequisite:
        CS 280
    4.2   Proposed prerequisite:
        A grade of C or better in CS 280 and STAT 301
    4.3   Rationale for revision of the prerequisite/corequisite:
        All CS courses counting towards the major must be passed with a C or better. The
        additional statistics requirement better prepares students for the analysis of
        algorithms in CS 380.
    4.4   Effect on completion of major/minor sequence: This increases the required
        number of credit hours by 3 for some options in the CS major.

5.   **Revise course catalog listing: N/A**

6.   **Revise course credit hours: N/A**

7.   **Proposed term for implementation:**

Fall 2011

8. **Dates of prior committee approvals:**

Math and CS Department   _____12/3/2010_____

Ogden College Curriculum Committee   _____2/3/2011_____

University Curriculum Committee   _____

University Senate   _____

Attachment: Course Inventory Form

Ogden College of Science and Engineering
Department of Mathematics and Computer Science
Proposal to Make Multiple Revisions to a Course
(Action Item)

Contact Person: Uta Ziegler,   uta.ziegler@wku.edu, 745-2911

1.   Identification of course:

1.1   Current course prefix (subject area) and number: CS 444
1.2   Course title: Programming Languages
1.3   Credit hours: 3

2.   Revise course title: N/A

3.   Revise course number:

3.1   Current course number: CS 444
3.2   Proposed course number: CS 382
3.3   Rationale for revision of course number:
The revision of course number provides consistency with the ongoing restructuring of the computer science undergraduate program. The new level is more appropriate to the material being covered.

4.   Revise course prerequisites/corequisites:

4.1   Current prerequisite/corequisite:
A grade of C or better in CS 241 or CS 181 and a prerequisite or corequisite of ENG 307 and a prerequisite or corequisite of COMM 161 or COMM 145.
4.2   Proposed prerequisite:
A grade of C or better in CS 181
4.3   Rationale for revision of the prerequisite/corequisite:
The department now offers a separate project course (CS 396) in which the students are required to make presentations related to their work and write reports. Thus, the communication-related pre-requisites are better suited for CS 396.
4.4   Effect on completion of major/minor sequence: None

5.   Revise course catalog listing:

5.1   Current course catalog listing:
A survey of procedure-oriented and special-purpose languages. Emphasis on the syntactic and semantic structures present in these languages. Introduction to the principles of compilers.

5.2   Proposed course catalog listing:
A study of principles and common features of imperative and functional programming languages. Topics include syntax, semantics, names, binding, type checking, scope, overloading, and data abstraction.

5.3   Rationale for revision of course catalog listing:
Computer science is a rapidly evolving field. The new listing better reflects the modern programming languages topics taught in the course.

6.   Revise course credit hours: N/A

7.   Proposed term for implementation:
Fall 2011

8.   Dates of prior committee approvals:

Math and CS Department   ____12/3/2010_____

Ogden College Curriculum Committee   ____2/3/2011_____

University Curriculum Committee   _____

University Senate   _____

Attachment: Course Inventory Form

Ogden College of Science and Engineering
Department of Biology
Proposal to Revise a Program
(Action Item)

Contact Person: Scott Grubbs, scott.grubbs@wku.edu, 745-5048

1.   **Identification of program:**
   1.1   Reference number: 326
   1.2   Current program title: Minor in Biology
   1.3   Credit hours: 24.0

2.   **Identification of the proposed program changes:**
   • Limiting the number of credits earned in BIOL 369/399 and in BIOL 485 that can be counted towards this minor.

3.   **Detailed program description:**

Current:
The minor in biology (reference number 326) requires a minimum of 24 semester hours in biology with 12 hours at the 300 or higher level. The required courses are BIOL 120-121 and BIOL 122-123 Students, with the aid of their advisor, select additional biology courses to complete the minor.

Proposed:
The minor in biology (reference number 326) requires a minimum of 24 semester hours in biology with 12 hours at the 300 or higher level. The required courses are BIOL 120-121 and BIOL 122-123 Students, with the aid of their advisor, select additional biology courses to complete the minor. **Students may count up to 3 credit hours of a combination of BIOL 369 and 399 and up to 4 credit hours of BIOL 485 toward this minor.**

4. Rationale for proposed program revisions:
   Currently, there is no limit on the number of credits a student can apply from BIOL 369 (Cooperative Education in Biology I), BIOL 399 (Research Problems in Biology) and BIOL 485 (Field Biology) towards the biology minor. The Biology Department feels strongly that coursework beyond the 100-level introductory sequence is important. This should include a selection of the traditional lecture and lecture/lab courses. Although we feel that experiences gleaned from BIOL 369, BIOL 399, and BIOL 485 are important, there should be consistency between the biology minor and the two biology majors that do have credit caps for each of these courses now.

5.   Proposed term for implementation and special provisions (if applicable): Fall 2011

6.   Dates of prior committee approvals:

Department of Biology: January 21, 2011

OCSE Curriculum Committee: February 3, 2011

Undergraduate Curriculum Committee: _____

University Senate: _____

Attachment: Program Inventory Form

Ogden College of Science and Engineering
Department of Biology
Proposal to Revise a Program
(Action Item)

Contact Person: Scott Grubbs, scott.grubbs@wku.edu, 745-5048

1. **Identification of program:**
   1.1   Current program reference number: 525
   1.2   Current program title: Major in Biology (without a minor)
   1.3   Credit hours: 48.0

2. **Identification of the proposed program changes:**
   - Addition of new supporting course options in agronomy.
   - Limiting the number of credits earned in BIOL 485 that can be counted towards this major.

3. **Detailed program description:**

Current:
The option for a major in biology (reference number 525) requires a minimum of 48 hours in biology with 24 hours at the 300 level or higher. No minor is required. Several areas of emphasis are available including ecology and evolutionary biology, molecular and cellular biology, plant biology, animal biology and microbiology. All students are required to complete BIOL 120-121 and BIOL 122-123, and at least one course from each of the following three groups: (A) BIOL 222-223 or BIOL 224-225 or BIOL 226-227 (B) BIOL 319 & 322 or BIOL 327 (C) BIOL 315 or BIOL 430. Students, with the aid of their advisor, select additional 300- and 400-level courses to focus their studies on specific areas within biology. Because an understanding of the principles of mathematics, physics and chemistry is essential to the study of biology, majors are required to complete supporting courses as follows: (1) MATH 116 & 117 or MATH 118 or higher, (2) PHYS 231-232 or 255-256, (3) CHEM 120-121, and (4) two courses from the following list: BIOL 283,

Proposed:
The option for a major in biology (reference number 525) requires a minimum of 48 hours in biology with 24 hours at the 300 level or higher. No minor is required. Several areas of emphasis are available including ecology and evolutionary biology, molecular and cellular biology, plant biology, animal biology and microbiology. All students are required to complete BIOL 120-121 and BIOL 122-123, and at least one course from each of the following three groups: (A) BIOL 222-223 or BIOL 224-225 or BIOL 226-227 (B) BIOL 319 & 322 or BIOL 327 (C) BIOL 315 or BIOL 430. Students, with the aid of their advisor, select additional 300- and 400-level courses to focus their studies on specific areas within biology. Because an understanding of the principles of mathematics, physics and chemistry is essential to the study of biology, majors are required to complete supporting courses as follows: (1) MATH 116 & 117 or MATH 118 or higher, (2) PHYS 231-232 or 255-256, (3) CHEM 120-121, and (4) two courses from the following list: **AGRO 350**

CHEM 222-223, CHEM 314 or CHEM 340-341, CHEM 330, CIS 343, CIS 226 or CS 226 or CS 230, GEOG 317, GEOG 328, GEOG 416, GEOG 417, MATH 136, MATH 137, MATH 142, MATH 305, MATH 307, PHYS 332-233 or PHYS 265-266, SOCL 302. Students may count a maximum of 6 credit hours of BIOL 369, 389, or 399 toward this major.

and AGRO 452 or AGRO 454 or AGRO 455/456 or AGRO 457/458, BIOL 283, CHEM 222-223, CHEM 314 or CHEM 340-341, CHEM 330, CIS 343, CIS 226 or CS 226 or CS 230, GEOG 317, GEOG 328, GEOG 416, GEOG 417,MATH 227, MATH 305, MATH 307, PHYS 332-233. Students may count **up to** 6 credit hours of BIOL 369, 389, or 399 **and up to 6 credit hours of BIOL 485** toward this major.

4.   Rationale for the proposed program change: The interdisciplinary nature of biology continues to evolve. Providing a broader variety of supporting course options has become necessary to keep this major both modern and reflective of other disciplines that students need in order to remain competitive for graduate school and employment opportunities. In addition, the Biology Department has redefined BIOL 485, and, for the first time, we are placing a restriction on the total number of credits from that course that a student can apply towards the major to make certain that students enroll in a sufficient number of traditional lecture and lecture/lab courses.

5.   Proposed term for implementation and special provisions (if applicable): Fall 2011

6.   Dates of prior committee approvals:

Department of Biology: January 21, 2011

OCSE Curriculum Committee: February 3, 2011

Professional Education Council: February 16, 2011

Undergraduate Curriculum Committee: _____

University Senate: _____

Attachment: Program Inventory Form

Ogden College of Science and Engineering
Department of Biology
Proposal to Revise a Program
(Action Item)

Contact Person: Scott Grubbs, scott.grubbs@wku.edu, 745-5048

1. **Identification of program:**
    1.1   Current program reference number: 617
    1.2   Current program title: Major in Biology (with a minor)
    1.3   Credit hours: 36.0

2. **Identification of the proposed program changes:**
    • Addition of new supporting course options in agronomy.
    • Limiting the number of credits earned in BIOL 485 that can be counted towards this major.

3. **Detailed program description:**

Current:
This option for a major in biology (reference number 617) requires a minimum of 36 hours in biology with 18 hours at the 300 level or higher plus the requirements of a minor area. The major-minor area must be at least 54 semester hours. All students are required to complete BIOL 120-121 and BIOL 122-123, and at least one course from each of the following three groups: (A) BIOL 222-223 or BIOL 224-225 or BIOL 226-227 (B) BIOL 319 & 322 or BIOL 327 (C) BIOL 315 or BIOL 430. Students with the aid of their advisor, select additional 300- and 400-level courses to focus their studies on specific areas within biology. Because an understanding of the principles of mathematics, physics and chemistry is essential to the study of biology, majors are required to complete supporting courses as follows: (1) MATH 116 & 117 or MATH 118 or higher, (2) PHYS 231-232 or 255-256, (3) CHEM 120-121, and (4) two courses from the following list: BIOL 283, CHEM 222-223, CHEM 314 or CHEM 340-341, CHEM 330, CIS 343, CIS 226 or CS 226

Proposed:
This option for a major in biology (reference number 617) requires a minimum of 36 hours in biology with 18 hours at the 300 level or higher plus the requirements of a minor area. The major-minor area must be at least 54 semester hours. All students are required to complete BIOL 120-121 and BIOL 122-123, and at least one course from each of the following three groups: (A) BIOL 222-223 or BIOL 224-225 or BIOL 226-227 (B) BIOL 319 & 322 or BIOL 327 (C) BIOL 315 or BIOL 430. Students with the aid of their advisor, select additional 300- and 400-level courses to focus their studies on specific areas within biology. Because an understanding of the principles of mathematics, physics and chemistry is essential to the study of biology, majors are required to complete supporting courses as follows: (1) MATH 116 & 117 or MATH 118 or higher, (2) PHYS 231-232 or 255-256, (3) CHEM 120-121, and (4) two courses from the following list: **AGRO 350 and AGRO 452 or AGRO 454 or AGRO 455/456 or AGRO 457/458,** BIOL 283,

or CS 230, GEOG 317, GEOG 328, GEOG 416, GEOG 417, MATH 136, MATH 137, MATH 142, MATH 305, MATH 307, PHYS 332-233 or PHYS 265-266, SOCL 302. Students may count a maximum of 3 credit hours of BIOL 369, 389, or 399 toward this major.

CHEM 222-223, CHEM 314 or CHEM 340-341, CHEM 330, CIS 343, CIS 226 or CS 226 or CS 230, GEOG 317, GEOG 328, GEOG 416, GEOG 417, MATH 136, MATH 137, MATH 142, MATH 305, MATH 307, PHYS 332-233 or PHYS 265-266, SOCL 302. Students may count **up to** 3 credit hours of BIOL 369, 389, or 399 **and up to 4 credit hours of BIOL 485** toward this major.

4. **Rationale for the proposed program change:** The interdisciplinary nature of biology continues to evolve. Providing a broader variety of supporting course options has become necessary to keep this major both modern and reflective of other disciplines that students need in order to remain competitive for graduate school and employment opportunities. In addition, the Biology Department has redefined BIOL 485, and, for the first time, we are placing a restriction on the total number of credits from that course that a student can apply towards the major to make certain that students enroll in a sufficient number of traditional lecture and lecture/lab courses.

5. **Proposed term for implementation and special provisions (if applicable):** Fall 2011

6. **Dates of prior committee approvals:**

Department of Biology:	January 21, 2011
OCSE Curriculum Committee:	February 3, 2011
Professional Education Council:	February 16, 2011
Undergraduate Curriculum Committee:	_____
University Senate:	_____

Attachment: Program Inventory Form

Ogden College of Science and Engineering
Department of Engineering
Proposal to Revise A Program
(Action Item)

Contact Person: Shane M. Palmquist, shane.palmquist@wku.edu, 745-2919

1.   **Identification of program:**
    1.1   Current program reference number: 534P
    1.2   Current program title: Civil Engineering-Prep
    1.3   Credit hours: 40

2.   **Identification of the proposed program changes:**

- Remove the following courses from the pre-major:

Course	Course Title	Credit Hours
CE 175	Freshman Experience	2
HIST 119 or 120	Western Civilization	3
GEOL 111 and 113	The Earth and Lab	3/1

- Add the following courses to the pre-major:

Course	Course Title	Credit Hours
CE 176	Civil Engineering Freshman Design	1
EM 221 or 222	Statics	3

- Change the following:

Students must complete the following courses with a minimum GPA of 2.5 in these courses and a grade of "C" or better. If the GPA is less than 2.5 but greater than 2.25, the student may file an appeal.

Course	Course Title	Credit Hours
CE 175	Freshman Experience	2
AMS 163	Architectural Drafting	3
HIST 119 or 120	Western Civilization	3
GEOL 111 and 113	The Earth and Lab	3
MATH 136	Calculus I	4
MATH 137	Calculus II	4
CE 160 and 161	Principles of Surveying and Lab	3/1
ENG 100	Freshman English	3
PHYS 255 and 256	University Physics I and Lab	4/1

COMM 145 or 161   Public /Bus. & Prof. Speaking   3
CHEM 120 and 121   College Chemistry I and Lab   4/1

Total hours = 40

To the following:

Students must complete each of the following courses and labs with a grade of "C" or better.

Course	Course Title	Credit Hours
CE 176	Civil Engineering Freshman Design	1
AMS 163	Architectural Drafting	3
MATH 136	Calculus I	4
MATH 137	Calculus II	4
CE 160 and 161	Principles of Surveying and Lab	3/1
ENG 100	Freshman English	3
PHYS 255 and 256	University Physics I and Lab	4/1
EM 221 or 222	Statics	3
COMM 145 or 161	Business or Professional Speaking	3
CHEM 120 and 121	College Chemistry I and Lab	4/1

Total hours = 35

- Change number of credit hours from 40 to 35.

3.   Detailed program description:

The following statement appears in the current undergraduate catalog for 2010-2011on page 151:

To transition from pre-major to major and to graduate with a degree in civil engineering, students must complete the following courses with a GPA of 2.5 or better in these courses and a grade of "C" or better: CE 175, AMS 163, ENG 100, HIST 119 or 120, GEOL 111 and 113, CE 160 and 161, COMM 145 or 161, MATH 136, 137, PHYS 255 and 256, and CHEM 120 and 121.

The proposed statement is:

To transition from pre-major to major and to graduate with a degree in civil engineering, students must complete each of the following courses and labs with a grade of "C" or better: CE 176, AMS 163, ENG 100, CE 160 and 161, EM 221 or 222, COMM 145 or 161, MATH 136 and 137, PHYS 255 and 256, and CHEM 120 and 121.

Current Program Courses	Hrs	Proposed Program Courses	Hrs
CE 175 Freshman Experience	2	**CE 176 Civil Engineering Freshman Design**	**1**
AMS 163 Architectural Drafting	3	AMS 163 Architectural Drafting	3
HIST 119 or 120 Western Civilization	**3**		
GEOL 111 The Earth	**3**		
GEOL 113 The Earth Lab	**1**		
MATH 136 Calculus I	4	MATH 136 Calculus I	4
MATH 137 Calculus II	4	MATH 137 Calculus II	4
CE 160 Principles of Surveying	3	CE 160 Principles of Surveying	3
CE 161 Principles of Surveying Lab	1	CE 161 Principles of Surveying Lab	1
ENG 100 Freshman English	3	ENG 100 Freshman English	3
PHYS 255 University Physics I	4	PHYS 255 University Physics I	4
PHYS 256 University Physics I Lab	1	PHYS 256 University Physics I Lab	1
		EM 221 or 222 Statics	**3**
COMM 145 or 161 Business or Professional Speaking	3	COMM 145 or 161 Public/Bus. & Prof. Speaking	3
CHEM 120 College Chemistry I	4	CHEM 120 College Chemistry I	4
CHEM 121 College Chemistry I Lab	1	CHEM 121 College Chemistry I Lab	1

Total hours = 40   **Total hours = 35**

4. **Rationale for the proposed program change:**

- Remove CE 175, HIST 119 or 120, and GEOL 111 and 113 from the pre-major:

  CE 175 Freshman Experience (2 credit hours) is no longer offered and has been replaced with ENGR 175 University Experience – Engineering (1 credit hour) and CE 176 Civil Engineering Freshman Design (1 credit hour).

  Completion of HIST 119 or 120 is not a good indicator of a student's success or aptitude to complete the major in civil engineering.

  GEOL 111 and 113 have been added as prerequisites to a junior level civil engineering course, CE 410 Soil Mechanics. Therefore, this course can be removed from the pre-major list of courses and labs.

- Add CE 176 and EM 221 or 222 to the pre-major:

  To replace CE 175 Freshman Experience (2 credit hours), CE 176 Civil Engineering Freshman Design (1 credit hour) is being added to the pre-major.

  EM 221 or 222 Statics (3 credit hours) has been found to be a significant indicator as to the success of students completing the major in civil engineering. All

students that have successfully completed EM 221 or 222 with a grade of "C" or better as required by the major have graduated or are about to graduate in civil engineering.

- Change the grade requirement for the pre-major courses:

  Several students over the past few years have filed appeals after failing to meet the minimum GPA in the pre-major courses. Some appeals have been granted and some have not. Often, these students have reached their senior year and have completed all other requirements save for the GPA of 2.5 in the pre-major. Some of them have been forced to repeat a course and/or lab in which their grade was a "C" in order to meet the GPA requirement. The civil engineering program believes that minimum grades of "C" in all pre-major courses are an acceptable level of performance.

- Change the number of credit hours from 40 to 35.

  This change occurs due the change in the number of courses and labs proposed for the pre-major as indicated above.

5. **Proposed term for implementation:**   Fall 2011

6. **Dates of prior committee approvals:**

   Department of Engineering   _____11/30/10_____

   Ogden College Curriculum Committee   _____2/3/11_____

   Undergraduate Curriculum Committee   _____

   University Senate   _____

Attachment: Program Inventory Form

Ogden College of Science and Engineering
Department of Engineering
Proposal to Revise Course Prerequisites
(Consent Item)

Contact Person: Shane M. Palmquist, shane.palmquist@wku.edu, 745-2919

1.   **Identification of course:**
      1.1   Course prefix (subject area) and number: CE 341
      1.2   Course title: UK-Fluid Thermal Science
      1.3   Credit hours: 4

2.   **Current prerequisites:**
      Prerequisites: MATH 137 and EM 221 or 222

3.   **Proposed prerequisites:**
      Prerequisites: MATH 137 and EM 221 or 222, and major status in civil engineering

4.   **Rationale for the revision of prerequisites:**
      Currently, civil engineering students can remain pre-majors even into their senior year; this is not in the students' best interest. By adding major status in civil engineering as a prerequisite to CE 341 UK-Fluid Thermal Science, students will be required to change from pre-major to major status by the first semester of their junior year.

5.   **Effect on completion of major sequence:**
      Postponing completion of all the courses and labs to transition from pre-major to major will cause a delay in graduation. This delay may be significant. However, requiring major status in CE 341 will help encourage students to take the proper courses in the correct order, as indicated in the Undergraduate Catalog and the Civil Engineering Student Handbook.

6.   **Proposed term for implementation:**   Fall 2011

7.   **Dates of prior committee approvals:**

      Department of Engineering   _____11/30/10_____

      Ogden College Curriculum Committee   _____2/3/2011_____

      Undergraduate Curriculum Committee   _____

      University Senate   _____

Attachment: Course Inventory Form

Ogden College of Science and Engineering
Department of Mathematics and Computer Science
Proposal to Revise a Program
(Action Item)
Contact Person: Uta Ziegler, uta.ziegler@wku.edu, 745-2911

1.　　**Identification of program:**
　　　1.1　　Current program reference number: 629
　　　1.2　　Current program title: Bachelor of Science in Computer Science
　　　1.3　　Credit hours: Minimum of 41 hrs in Computer Science

2.　　**Identification of the proposed program changes:**
- Renumbering of CS courses: 230 → 146, 338 → 280, 442 → 380, 444 → 382
- Changes in required CS courses and required credit hours in CS: remove CS 250, 225; add CS 251, 396, 496
- Add STAT 301 and PHIL 215 to list of required courses
- Changes to mathematics and science requirements in the System/Scientific Option
- Change in the required number of elective credit hours

3.　　**Detailed program description:**

Current requirements for the B.S. in Computer Science - Any Minor Option	Proposed requirements for the B.S. in Computer Science - Any Minor Option
General: 1) **41.5** hours of Computer Science are required. 2) ENG 307 and Math 136 are required 3) All CS courses counting towards the CS program major must be completed with a C or better.	General: 1) **44** hours of Computer Science are required 2) ENG 307 and MATH 136 **and STAT 301 and PHIL 215** are required 3) All CS courses counting towards the CS program major must be completed with a C or better.
CS core requirements: Completion of these **10** CS core courses (**31.5** credit hours) : CS 180, 181, **225**, **250**, 325, **338**, 360, 425, **442**, and **444**	CS core requirements: Completion of these **11** CS core courses (**35** credit hours) : CS 180, 181, **251**, **280**, 325, 360, **380**, **382**, **396**, 425, and **496**
Completion of an additional **10** hours of CS electives at the 200 level or above (excluding CS 226, **CS 230**, and CS 257) including 3 hours at the 400 level and another 3 hours at the 300 level or higher. NOTE: At most 1.5 hours of credit for CS 239 may count towards the major. At most 3 hours of credit for CS 239 and CS 245 (only for languages for which credit is not received through another course) may count towards the major.	Completion of an additional **9** hours of CS electives at the 200 level or above (excluding CS 226 and CS 257) including 3 hours at the 400 level and another 3 hours at the 300 level or higher. NOTE: At most 1.5 hours of credit for CS 239 may count towards the major. At most 3 hours of credit for CS 239 and 245 (only for languages for which credit is not received through another course) may count towards the major.

Completion of any additional minor/major.	Completion of any additional minor/major.
Current requirements for the B.S. in Computer Science - System/Scientific Option	Proposed requirements for the B.S. in Computer Science - System/Scientific Option
General: 1) **41.5** hours of Computer Science are required. 2) ENG 307 is required 3) All CS courses counting towards the CS program major must be completed with a C or better.	General: 1) **47** hours of Computer Science are required 2) ENG 307 and **MATH 136 and STAT 301 and PHIL 215 are required** 3) All CS courses counting towards the CS program major must be completed with a C or better.
CS core requirements: Completion of these **10** CS core courses (**31.5** credit hours) : CS 180, 181, **225**, **250,** 325, **338**, 360, 425, **442**, and **444**	CS core requirements: Completion of these **11** CS core courses (**35** credit hours) : CS 180, 181, **251, 280**, 325, 360, **380, 382, 396**, 425, and **496**
Completion of **10 hrs of CS electives at the 200-level or above (excluding CS 226, CS 230, CS 257; credit for CS 245 is only given for languages for which credit is not received through another course), including three** 400-level CS courses.	Completion of **12 hrs** of CS electives **from the following courses: CS 370, 381, 443, 445, 446, 450, and 456.**
An 18-credit-hour minor in mathematics (reference number 417) including MATH 136, 137, 307, 310 and STAT 301	**Completion of 2 courses from the following list: MATH 127, 137, 305, 307, 331, MATH 405, 406, 470, and 473**
One year of a laboratory science (designed for Science/Engineering majors)	Completion of one year of a laboratory science (a two semester sequence of the same science) and **one** additional science course (all must be designed for Science/Engineering majors).
Two additional one-semester science courses (designed for Science/Engineering majors).	**One additional course from the above list of MATH courses (this course may not be used to satisfy any other CS major degree requirement) or one additional science course designed for science/engineering majors.**

Current requirements for the B.S. in Computer Science - Specialty Option	Proposed requirements for the B.S. in Computer Science - Specialty Option
General: 1) **47.5** hours of Computer Science are required. 2) ENG 307 and Math 136 are required 3) All CS courses counting towards the CS program major must be completed with a C or better.	General: 1) **50** hours of Computer Science are required 2) ENG 307 and MATH 136 **and STAT 301 and PHIL 215** are required. 3) All CS courses counting towards the CS program major must be completed with a C or better.
CS core requirements: Completion of these **12** CS core courses (**36.5** credit hours) : CS 180, 181, **225**, **250**, 325, **338**, 360, 425, **442**, 443, **444**, and 450	CS core requirements: Completion of these **13** CS core courses (**41** credit hours) : CS 180, 181, **251, 280**, 325, 360, **380, 381, 382, 396,** 425, 443, and **496**
Completion of an additional **10** hours of CS electives at the 200 level or above (excluding CS 226, **CS 230**, and CS 257) including 3 hours at the 400 level and another 3 hours at the 300 level or higher. NOTE: At most 1.5 hours of credit for CS 239 may count towards the major. At most 3 hours of credit for CS 239 and CS 245 (only for languages for which credit is not received through another course) may count towards the major.	Completion of an additional **9** hours of CS electives at the 200 level or above (excluding CS 226 and 257) including 3 hours at the 400 level and another 3 hours at the 300 level or higher. NOTE: At most 1.5 hours of credit for CS 239 may count towards the major. At most 3 hours of credit for CS 239 and 245 (only for languages for which credit is not received through another course) may count towards the major.
An additional 18 hours of specialty courses, developed in consultation with a CS advisor, not used to satisfy specific other graduation requirements for the CS major or for general education, including 9 hours at the 300 level or above.	An additional 18 hours of specialty courses, selected in consultation with a CS advisor, not used to satisfy specific graduation requirements for the CS major or for general education, including 9 hours at the 300 level or above.

4. **Rationale for the proposed program change:**
   - The changes in course numbers reflect previously approved curriculum changes in the Mathematics and Computer Science Department.
   - The removed courses will be phased out. The added courses will better prepare students for the type of work they will do after graduation.
   - A foundation of statistics is needed for some of the upper level courses. Elementary logic is a good foundation for CS courses.
   - Changes in mathematics and science requirements in the System/Scientific Option were made in order to provide the flexibility suggested by the review team of the accreditation body (ABET).
   - It is nearly impossible to take 10 hours of electives, so the requirement is changed to 9 and 12 hours.

5.   Proposed term for implementation and special provisions (if applicable):
Fall 2011

6.   Dates of prior committee approvals:

Math and CS Department   _____1/21/2011_____

Ogden College Curriculum Committee   _____2/3/2011_____

University Curriculum Committee   _____

University Senate   _____

Attachment: Program Inventory Form

UNIVERSITY COLLEGE
University Curriculum Committee
Contact: Nevil Speer

DATE: February 4, 2011

Type of Item	Description of Item
Consent	Proposal to Revise Course Prerequisites / Corequisites Item: NURS 104C Calculations for Nursing Contact: Melanie Duke Melanie.duke@wku.edu Phone: 780-2546
Consent	Proposal to Revise Course Prerequisites / Corequisites Item: NURS 105C Fundamentals of Nursing Contact: Melanie Duke Melanie.duke@wku.edu Phone: 780-2546
Consent	Proposal to Revise Course Prerequisites / Corequisites Item: NURS 106C Fundamentals of Nursing Clinical Contact: Melanie Duke Melanie.duke@wku.edu Phone: 780-2546
Consent	Proposal to Revise Course Prerequisites / Corequisites Item: HON 404 Honors Thesis / Project II Contact: Clay Motley Clay.motley@wku.edu Phone: 745-3171
Action	Proposal to Revise a Program Item: Honors College Contact: Clay Motley Clay.motley@wku.edu Phone: 745-3171
Action	Proposal to Revise a Program Item: Area Studies in Honors (Reference Number: 512, 513, 610, 611) Contact: Clay Motley Clay.motley@wku.edu Phone: 745-3171

University College
Commonwealth School
Health Sciences Division
Proposal to Revise Course Prerequisites/Corequisites
(Consent Item)

Contact Person: Melanie Duke, melanie.duke@wku.edu, 780-2546

1. **Identification of course:**
      1.4   Course prefix (subject area) and number: NUR 104C
      1.5   Course title: Calculations for Nursing
      1.6   Credit hours: 1 credit hour

2. **Current prerequisites/corequisites/special requirements:**
      Prerequisites: Admission to the nursing program
      Corequisites: NUR 105C, NUR 106C
      Pre or Corequisites: PSY 199/PSYC 199C, BIOL 131/BIO 131C

3. **Proposed prerequisites/corequisites/special requirements:**
      Prerequisites: Admission to the nursing program
      Corequisites: None
      Pre or Corequisites: None

4. **Rationale for the revision of prerequisites/corequisites/special requirements:**
      By removing the Pre and Corequisite requirements, admitted nursing students could elect to take NUR 104C, Calculations for Nursing, immediately prior to entering the first semester of the nursing program in the summer or winter term. Changing 104C to a pre or corequisite for NUR105C and NUR106C will allow students to register without having to have the course overridden.

5. **Effect on completion of major/minor sequence:**
      No change in program completion time, since Associate Degree Nursing Program students are admitted five months prior to program entry date. Admitted students could take NUR 104C during the waiting period from admission date to program entry date.

6. **Proposed term for implementation:** Fall 2011

7. **Dates of prior committee approvals:**

      Associate Degree Nursing Program   ___11-19-2010_____

      Health Sciences Division   ____12-1-2010_____

      University College Curriculum Committee   ____1-31-2011_____

Undergraduate Curriculum Committee   _____

University Senate   _____

Attachment: Course Inventory Form

University College
Commonwealth School
Health Sciences Division
Proposal to Revise Course Prerequisites/Corequisites
(Consent Item)

Contact Person: Melanie Duke, melanie.duke@wku.edu, 780-2546
1.   **Identification of course:**
        1.1   Course prefix (subject area) and number: NUR 105C
        1.2   Course title: Fundamentals of Nursing
        1.3   Credit hours: 6.5 credit hours

2.   **Current prerequisites/corequisites/special requirements:**
        Prerequisites: Admission to the nursing program
        Corequisites: NUR 104C, NUR 106C
        Pre or Corequisites: PSY 199/PSYC 199C, BIOL 131/BIO 131C

3.   **Proposed prerequisites/corequisites/special requirements:**
        Prerequisites: Admission to the nursing program
        Corequisites: NUR 106C
        Pre or Corequisites: NUR 104C, PSY 199/PSYC 199C, BIOL 131/BIO 131C

4.   **Rationale for the revision of prerequisites/corequisites/special requirements:**
        NUR 105C and NUR 106C are taken in the first semester of the Associate Degree
        Nursing Program curriculum. NUR 104C will be offered in the winter and summer term.
        By removing NUR104C as a corequisite requirement, admitted nursing students could
        elect to take NUR 104C, Calculations for Nursing, immediately prior to entering the first
        semester of the nursing program. By making this change, it will allow students to register
        for the course independently without having to have it overridden.

5.   **Effect on completion of major/minor sequence:**
        No change in program completion time, since Associate Degree Nursing Program
        students are admitted five months prior to program entry date. Admitted students could
        take NUR 104C during the waiting period from admission date to program entry date.

6.   **Proposed term for implementation:** Fall 2011

7.   **Dates of prior committee approvals:**

        Associate Degree Nursing Program   ____11-19-2010____

        Health Sciences Division   _____12-1-2010____

        University College Curriculum Committee   ____1-31-2011_____

Undergraduate Curriculum Committee   _____

University Senate   _____

Attachment: Course Inventory Form

University College
Commonwealth School
Health Sciences Division
Proposal to Revise Course Prerequisites/Corequisites
(Consent Item)

Contact Person: Melanie Duke, melanie.duke@wku.edu, 780-2546

1. **Identification of course:**
　　1.1　　Course prefix (subject area) and number: NUR 106C
　　1.2　　Course title: Fundamentals of Nursing Clinical
　　1.3　　Credit hours: 1.5 credit hours

2. **Current prerequisites/corequisites/special requirements:**
　　Prerequisites: Admission to the nursing program
　　Corequisites: NUR 105C
　　Pre or Corequisites: NUR 104C, PSY 199/PSYC 199C, BIOL 131/BIO 131C

3. **Proposed prerequisites/corequisites/special requirements:**
　　Prerequisites: Admission to the nursing program
　　Corequisites: (None)
　　Pre or Corequisites: NUR 104C, NUR 105C, PSY 199/PSYC 199C, BIOL 131/BIO
　　131C

4. **Rationale for the revision of prerequisites/corequisites/special requirements:**
　　NUR 105C and NUR 106C are taken in the first semester of the Associate Degree
　　Nursing Program curriculum. NUR 104C will be offered in the winter and summer term.
　　By removing NUR 104C as a corequisite requirement, admitted nursing students could
　　elect to take NUR 104C, Calculations for Nursing, immediately prior to entering the first
　　semester of the nursing program. By making this change, it will allow students to register
　　for the course independently without having to have it overridden.

5. **Effect on completion of major/minor sequence:**
　　No change in program completion time, since Associate Degree Nursing Program
　　students are admitted five months prior to program entry date. Admitted students could
　　take NUR 104C during the waiting period from admission date to program entry date.

6. **Proposed term for implementation:** Fall 2011

7. **Dates of prior committee approvals:**

　　Associate Degree Nursing Program　　　　　　____11-19-2010____

　　Health Sciences Division　　　　　　　　　　_____12-1-2010____

　　University College Curriculum Committee　　　____1-31-2011_____

Undergraduate Curriculum Committee   _____

University Senate   _____

Attachment: Course Inventory Form

University College
Honors College
Proposal to Revise Course Prerequisites/Corequisites
(Consent Item)

Contact Person: Clay Motley, clay.motley@wku.edu, 745-3171

1.   **Identification of course:**
        1.1   Course prefix (subject area) and number: HON 404
        1.2   Course title: Honors Thesis/Project II
        1.3   Credit hours: 1-3

2.   **Current prerequisites/corequisites/special requirements:**
        Honors students in the Thesis Option must have a thesis proposal approved by the Honors
        College prior to enrolling in HON 403 or 404.

3.   **Proposed prerequisites/corequisites/special requirements:**
        The Honors College proposes that HON 403: Honors Thesis/Project I be a prerequisite
        for enrolling in HON 404: Honors Thesis/Project II

4.   **Rationale for the revision of prerequisites/corequisites/special requirements:** The
        Honors College Capstone Experience/Thesis project is a mandatory six-hour independent
        research project for students to graduate with an Honors College distinction. HON 403
        and 404 are the two credit-bearing courses by which students fulfill their CE/T
        requirement. For the Honors College to keep record of student progress with their CE/T
        project, students need to be required to earn three hours credit in HON 403 prior to
        enrolling in HON 404. Currently, there is not a formal mechanism in place to prevent a
        student taking CE/T credit out of sequence, and thus complicating the Honors College's
        ability to track the student's progress.

        Additionally, students automatically earn an "IP" grade for HON 403 and then receive a
        grade for HON 403 and 404 at the same time upon the successful completion and defense
        of their CE/T project. If a student takes HON 404 prior to HON 403, then it will create
        confusion concerning giving IP grades.

        Thus, by making HON 403 a prerequisite for HON 404, then the above complications
        will be avoided since all students will take their CE/T credit hours in the appropriate
        sequence.

5.   **Effect on completion of major/minor sequence:** none

6.   **Proposed term for implementation :** Fall 2011

7.   **Dates of prior committee approvals:**

Honors Development Board: 1/14/11

University College Curriculum Committee   1/31/11

Undergraduate Curriculum Committee   _____

University Senate   _____

Attachment: Course Inventory Form

University College
Honors College
Proposal to Revise A Program
(Action Item)

Contact Person: Dr. Clay Motley, clay.motley@wku.edu, 745-2081

1.   Identification of program:
1.1   Current program reference number: NA
1.2   Current program title: Honors College
1.3   Credit hours: 33

2.   Identification of the proposed program changes:
The course HON 251: Citizen and Self will be taught for the first time in Fall '11.   The Honors College proposes to make HON 251 a required course for all students enrolling in the Honors College as of Fall 2011 or after.

Currently, all Honors College students are required to earn three hours of Honors Colloquium credit (HON 300). HON 300 does not have any perquisites and serves as a general interdisciplinary course for Honors students. We propose that HON 251 also satisfy the Honors Colloquium requirement for all Honors students. Students who are enrolled in the Honors College prior to Fall 2011 may elect to enroll in HON 251 to satisfy their Honors Colloquium requirement, but they are not required to take the course. Equally, students who enroll in the Honors College in Fall 2011 or after may enroll in an Honors Colloquium to earn upper-division Honors elective credit.

3.   Detailed program description:
The Honors College has three distinct curricula: 33-hour Thesis Option, 33-Hour Non-Thesis Option, and 18-hour Honors in the Major. The tables below reflect the *current* Honors curricula.

Thesis Option		Non-Thesis Option	
General Education *Must include at least one course from three of the six general education categories (A, B, C, D, E or F).*	9 hours	General Education *Must include at least one course from three of the six general education categories (A, B, C, D, E or F).*	9 hours
Colloquia	3 hours	Colloquia	3 hours
Honors Elective (any level/major)	6 hours	Honors Elective (any level/major)	6 hours
Honors Upper-	6 hours	Honors Upper-	6 hours

Division Electives	3 hours	Division Electives	9 hours
Honors Upper-Division in Major	6 hours	Honors Upper-Division in Major	33 hours
Capstone Experience/Thesis	33 hours	Total Hours	
Total Hours			

The Honors in the Major curriculum will be unaffected by the proposed change, so it is not represented by a table.

The tables below reflect the Honors College curricula after the proposed changes concerning HON 251, which are detailed in Item 2. Students enrolling in the Honors College in the Fall 2011 term or after would be subject to the following curricula. The changes are in bold.

Thesis Option		Non-Thesis Option	
General Education *Must include at least one course from three of the six general education categories (A, B, C, D, E or F).*	9 hours	General Education *Must include at least one course from three of the six general education categories (A, B, C, D, E or F).*	9 hours
HON 251	**3 hours**	**HON 251**	**3 hours**
Honors Elective (any level/major)	6 hours	Honors Elective (any level/major)	6 hours
Honors Upper-Division Electives	6 hours	Honors Upper-Division Electives	6 hours
Honors Upper-Division in Major	3 hours	Honors Upper-Division in Major	9 hours
Capstone Experience/Thesis	6 hours	Total Hours	33 hours
Total Hours	33 hours		

Students enrolled in the Honors College prior to Fall 2011 would have the option to take HON 251 to satisfy their Honors Colloquium requirement. The Honors College will continue to offer Honors Colloquia (HON 300) for students enrolled in the Honors College prior to Fall 2011 who do not wish to enroll in HON 251. Honors in the Major students typically do not take Honors Colloquia; however, Honors Colloquia would satisfy three of their six required Honors elective Hours; therefore, an Honors in the major student could choose to enroll in HON 251 to satisfy this Honors elective requirement.

4. **Rationale for the proposed program change:**
The Honors College designed HON 251 specifically to serve as a "core course"—a lower-division course required of all Honors College students. As an interdisciplinary course, team taught primarily by Honors tenure-track faculty, consisting of a lecture session and small discussion sessions, HON 251 will provide a pedagogically unique experience for Honors students and will provide rigorous study and practice in civic agency, a subject important to the central mission of the Honors College.   As the Honors College continues its transition into a mature college, rather than a program, it is important that the Honors College offers a distinct academic curriculum required of all its students that reflect its pedagogical and academic emphases. HON 251 helps provide this; therefore, this program revision will incorporate HON 251 as a central component of an Honors education for all Honors College students.

It is also logical that HON 251 replace the Honors Colloquium (HON 300) in the Honors College curricula. The Honors Colloquium was designed to offer interdisciplinary and pedagogically innovative courses to Honors Program students as a way to provide them a unique academic experience. With the creation of HON 251, this purpose is served even more fully. HON 300 does not have any prerequisites and is designed to be a non-specialized interdisciplinary course for Honors students at any academic level; therefore it is fitting that HON 251, a lower-division "core" course without prerequisites, satisfies the Honors Colloquium requirement. Colloquia will still be offered in various topics other than civic agency, and thus they will be of academic value to Honors College students and can still satisfy upper-division Honors elective requirements. However, with the implementation of HON 251, HON 300 will be a less-emphasized course.

Finally, the Honors College does not wish to increase its curriculum beyond 33 credit hours. By having HON 251 required of all incoming Honors students, and count for the Colloquium requirement, then the Honors curricula for incoming Honors students will still be 33 hours.

5. **Proposed term for implementation and special provisions (if applicable):** Fall 2011

6. **Dates of prior committee approvals:**

Honors Development Board: 1/14/11

University College Curriculum Committee   1/31/11

Undergraduate Curriculum Committee   _____

University Senate   _____

Attachment: Program Inventory Form

University College
Honors College
Proposal to Revise A Program
(Action Item)

Contact Person: Clay Motley, clay.motley@wku.edu, 1/13/2011

1.   **Identification of program:**
        1.1   Current program reference number: 310, 512, 513, 610, 611
        1.2   Current program title: Area Studies in Honors, BS
        1.3   Credit hours: Minimum of 48 hours when used as a major that does not require a
                2nd major or minor; 36 hours when used as a first major, and 30 hours when used
                as a second major; 24 hours when used as a minor

2.   **Identification of the proposed program changes:**
        The Honors College proposes to change the name of the "Area Studies in
        Honors" program to "Honors Self-Designed Studies."

3.   **Detailed program description:**
        The Area Studies in Honors major and minor permit Honors students with specific goals
        or interdisciplinary interests to design unique programs of study when WKU's existing
        programs do not adequately fit the student's needs. The area study major requires at least
        48 hours when used as a major that does not require a 2nd major or minor; 36 hours when
        used s a first major, and 30 hours when used as a second major; 24 hours when used as a
        minor. Students may receive either a BS or BA in Area Studies in Honors.

        As this proposal only asks to change the program's name—not the curriculum—a table
        reflecting the curriculum is not included here.

4.   **Rationale for the proposed program change:**
        The program name "Area Studies in Honors" is overly generic, and worse, can be
        misleading. In some fields, such as Political Science, "area studies" means an
        interdisciplinary study of a specific geographic region. Also, substituting "Self-
        Designed" for "Area" in the title gives a better sense of what the program actually is, one
        that is self-designed to fit the student's individual needs. Several programs at other
        universities use similar titles, such as New York University's Self-Designed Study
        program and the College of William and Mary's Self-Designed major

5.   **Proposed term for implementation and special provisions (if applicable):** Fall 2011

6.   **Dates of prior committee approvals:**

        Honors Department/Division: 1/14/11

University College Curriculum Committee   1/31/11

Undergraduate Curriculum Committee   _____

University Senate   _____

Attachment: Program Inventory Form

CERTIFICATE: COMPUTER LITERACY

Proposal Date: November 3, 2010

University College Commonwealth School
Business Division
Proposal to Create a New Certificate Program
(Action Item)

Contact Persons: George Kontos, 780-2588, george.kontos@wku.edu
                    Aaron Peters, 780-2545, aaron.peters@wku.edu

1.   **Identification of program:**
      1.1   Program title: Computer Literacy Certificate
      1.2   Required hours in program: 12
      1.3   Special information:
      1.4   Catalog description:

Computer Literacy Certificate   12 hours

This certificate provides the necessary skills for software use and the Internet. Students will gain the knowledge and skills that will help them become confident computer users. The emphasis will be on the practical application of computers. There will be 4 courses leading to the certificate in this order:

CSCI 145C Introduction to Computing	3 hours
INS 285C Advanced Software Applications	3 hours

Select one of the following:

OST 220C Word Processing	
INS 270C Electronic Spreadsheets	
INS 272C Database Management	
INS 275C Web Page Design	3 hours
Any advisor approved upper division elective	3 hours

Prerequisites: None

Objectives of the proposed certificate program:

This certificate is intended to provide students with superior and practical computer skills.

Students will:
        Gain enough computer skills to succeed in college.
        Become better prepared to achieve gainful employment in a computer-related field.
        Become better prepared to find employment in any field.
        Become better prepared to take and pass other certification exams (A+, IC^3, etc.)

As a result of obtaining this certificate, students will be able to:
        Explain computer hardware
        Explain computer software
        Install software
        Use an operating system
        Use common program functions of Windows
        Perform common word processing functions
        Perform common spreadsheet functions
        Perform common presentation functions
        Perform common data base functions
        Use networks
        Use electronic mail
        Use the Internet
        Plan and develop Web pages and Web sites
        Explain the impact that computers and the Internet have on society
        Use selected social networking tools responsibly and efficiently

3.   **Rationale:**

3.1   Reason for developing the proposed certificate program:
        Such certificate does not currently exist at UCCS and WKU. The certificate can help students gain a working knowledge of computers and the Internet. It can help them succeed in obtaining an Associate degree in Information Systems (223) at UCCS or a Baccalaureate Degree in Computer Science (629) and/or Computer Information Systems (347, 507) at WKU. It can also help them obtain other popular and established certifications such as the CompTIA's A+ certification, the Internet and Computing Core Certification (IC^3), and the Microsoft Office Specialist certification.

3.2   Relationship of the proposed certificate program to other programs now offered by the department:
        No department (UCCS's Business Division) certificate programs are directly related to the proposed Computer Literacy certificate program, although the (also proposed) Legal Technology certificate is also technology-based. The proposed Computer Literacy certificate is related

to the Information Systems (223) Associate Degree program because it also emphasizes computer skills. However, it is different than these because it is much more practical and it is a lot faster to complete.

3.3   Relationship of the proposed certificate program to certificate programs offered in other departments:

There are no computer literacy certificates at UCCS or WKU. Two-year and four-year degree programs that relate to the proposed Computer Literacy certificate are Information Systems (223), Computer Science (629), and Computer Information Systems (347, 507). However, these programs are a lot more rigorous, much less practical, and take years to complete. This certificate, in just 12 credit hours, offers very practical knowledge and skills of computers and employment and can lead to employment upon completion as receptionists and information clerks (US trends +17%, KY trends +14%) and office clerks (US trends +13%, KY trends +3%) [Source: http://online.onetcenter.org/find/]

3.4   Projected enrollment in the proposed certificate program:

Initially less than 20, then it will most likely grow and will certainly attract students from outside the department.

3.5   Similar certificate programs offered elsewhere in Kentucky and in other states (including programs at benchmark institutions):

In Kentucky –

University of Louisville: Offers at least two computer-related certificates but not a computer literacy certificate. It also offers Bachelor of Arts degrees in Computer Science and in Computer Information Systems.

University of Kentucky: Offers a Bachelor in Decision Science and Information Systems but no computer literacy certificate.

Other Kentucky Universities/Colleges (Moorehead, Eastern, etc.): Offer two or four year computer degrees.

In other states –

Most major universities and some colleges in the United States offer similar computer degrees and programs. Cardinal Strich University in Milwaukee is one example of colleges and universities in the country that also offer computer literacy certificate programs.

A computer Literacy certificate can help individuals in the area to obtain jobs as receptionists, information clerks, and office clerks which are in

great demand and will continue to grow as the US/KY trends show (see item 3.3 above).

3.6   Relationship of the proposed certificate program to the university mission and objectives:

A computer literacy certificate will increase student learning by offering more opportunities to students to enhance their technology skills. It can also open opportunities for students to work and collaborate with other like professionals and perhaps expand their horizons by visiting other countries where computer-related certificate graduates are in demand. In a way, this may help project the image of WKU as being a leading American university with international reach.

4.   **Curriculum:**

The curriculum consists of four 3-hour credit courses that are currently used in the department (Business Division) and/or in the University College and the Computer Information Systems. No new courses are required. Following is a list of the four courses including course titles and credit hours for each course.

CSCI 145C Introduction to Computing   3 hours

INS 285C Advanced Software Applications   3 hours

Any advisor approved upper division elective   3 hours

Select one of the following:

AMS 163   Architectural Drafting
BCOM 264   Digital Video Production and Distribution
CIS 320   Personal Information Technologies
CIS 321   Emerging Information Technologies   3 hours

                                                            Total: **12** hours

        Prerequisites: None

5.   **Budget implications:**

None. The three courses in this certificate are existing courses which will be taught by existing faculty.

6.   Proposed term for implementation:

Fall 2011

7.   Dates of prior committee approvals:

Business Division: November 5, 2010

University College Curriculum Committee   December 13, 2010

Undergraduate Curriculum Committee   _____

University Senate   _____

Attachment: Program Inventory Form

CERTIFICATE: INFORMATION SYSTEMS

Proposal Date: November 3, 2010

University College Commonwealth School
Business Division
Proposal to Create a New Certificate Program
(Action Item)

Contact Persons: George Kontos, 780-2588, george.kontos@wku.edu
                     Aaron Peters, 780-2545, aaron.peters@wku.edu

1.   Identification of program:
         1.1   Program title: Information Systems Certificate
         1.2   Required hours in program: 18
         1.3   Special information:
         1.4   Catalog description:

         Information Systems Certificate   18 hours

         This certificate provides the necessary skills for entry level positions in computer-
         related fields such as computer support specialist, information technology
         specialist, and network support specialist. There will be 6 courses leading to the
         certificate in this order:

INS 181C Computer Programming I	3 hours
INS 275C Web Page Design	3 hours
INS 281C Computer Programming II	3 hours
INS 285C Advanced Software Applications	3 hours
INS 288C Network Administration	3 hours
Any advisor approved upper division elective	3 hours

         Prerequisites: CSCI 145C (Intro to Computing) or equivalent; MA 116C (College
         Algebra) or permission of the instructor; INS 182C or permission of the
         instructor.

Objectives of the proposed certificate program:

         This certificate is intended to provide students with the knowledge and skills needed to
         succeed in getting entry-level employment in a computer or information-related field.

         Students will:
                 Improve their computer skills.
                 Enhance upward mobility with current employment.
                 Increase their chances of finding employment in any computer field.

Prepare for computer certification exams (Microsoft Office, IC^3, etc.)

As a result of obtaining this certificate, students will be able to:

Explain computer hardware and software.
Install software.
Use an operating system.
Use common program functions of Windows.
Perform word processing, spreadsheet, presentation, and data base functions.
Use networks, the Internet, and electronic mail.
Explain the impact that computers and the Internet have on society.
Plan and develop Web pages and Web sites.
Design and develop computer programs.
Construct a basic network layout.
Explain how to install a network operating system.
Understand how to prevent attacks that may disrupt a network.
Learn how to monitor network performance.

3.   Rationale:

3.1   Reason for developing the proposed certificate program:
Such certificate does not currently exist at UCCS and WKU. The certificate will prepare individuals to work in an information system, a system involving hardware, software, data, people, and procedures, all functioning together to help manage a company. It can help students succeed in obtaining an Associate degree in Information Systems (223) at UCCS or a Baccalaureate Degree in Computer Science (629) and/or Computer Information Systems (347, 507) at WKU. It can also help them obtain other popular and established certifications such as the CompTIA's A+ certification, the Internet and Computing Core Certification (IC^3), and the Microsoft Office Specialist certification.

3.2   Relationship of the proposed certificate program to other programs now offered by the department:
No department (UCCS's Business Division) certificate programs are directly related to the proposed Information Systems certificate program except for the Computer Literacy certificate which only provides general computer knowledge and skills. The proposed Information Systems certificate is related to the Information Systems (223) Associate Degree program. However, it is different because it does not cover all areas of the Information Systems Associate Degree and it is a lot faster (15 hours versus 60 hours) to complete.

3.3 Relationship of the proposed certificate program to certificate programs offered in other departments:

There are no information systems certificates at UCCS or WKU. Two-year and four-year degree programs that relate to the proposed certificate are Information Systems (223), Computer Science (629), and Computer Information Systems (347, 507). However, these programs are a lot more rigorous and take years to complete. This certificate, in just 18 credit hours, offers essential knowledge and skills of computers and can lead to employment as computer support specialists (US trends +13%, KY trends +19%), computer security specialists (US trends +27%, KY trends +35%), and network systems and data communications analysts (US trends +53%, KY trends +50%) [Source: http://online.onetcenter.org/find/career?c=11&g=Go]

3.4 Projected enrollment in the proposed certificate program:

Initially less than 20, then it will most likely grow and will certainly attract students from outside the department.

3.5 Similar certificate programs offered elsewhere in Kentucky and in other states (including programs at benchmark institutions):

In Kentucky –

University of Louisville: Offers at least two computer-related certificates but not an information systems certificate. It also offers Bachelor of Arts degrees in Computer Science and in Computer Information Systems.

University of Kentucky: Offers a Bachelor in Decision Science and Information Systems but no information systems certificate.

Other Universities/Colleges in Kentucky (Strayer U. in Louisville/Lexington, Sullivan U. in Fort Knox/Lexington, etc.) offer two or four year computer degrees and also a number of computer certificates.

In other states –

Most major universities and some colleges in the United States offer similar computer degrees and programs. Saint Peters College and Strayer U. in New Jersey are just two examples of colleges and universities in the country that also offer (management) information systems certificate programs.

An information systems certificate can help individuals obtain jobs as computer support specialists, computer security specialists, and network systems and data communications analysts which are in great demand and will continue to grow as the US/KY trends show (see item 3.3 above).

3.6 Relationship of the proposed certificate program to the university mission and objectives:

> An information systems certificate will increase student learning by offering more opportunities to students to enhance their technology skills. It can also open opportunities for students to work and collaborate with other like professionals and perhaps expand their horizons by visiting other countries where computer-related certificate graduates are in demand. In a way, this may help project the image of WKU as being a leading American university with international reach.

4. Curriculum:

> The curriculum consists of five 3-hour credit courses that are currently used in the department (Business Division). No new courses are required. Following is a list of the courses, including course titles and credit hours for each course.

INS 181C Computer Programming I	3 hours
INS 275C Web Page Design	3 hours
INS 281C Computer Programming II	3 hours
INS 285C Advanced Software Applications	3 hours
INS 288C Network Administration	3 hours
Any advisor approved upper division elective	3 hours
	Total: **18** hours

Prerequisites: CSCI 145C (Intro to Computing) or equivalent; MA 116C (College Algebra) or permission of the instructor; INS 182C or permission of the instructor.

5. Budget implications:

> None. The five courses in this certificate are existing courses which will be taught by existing faculty.

6. Proposed term for implementation:

> Fall 2011

7. Dates of prior committee approvals:

Business Division: November 5, 2010

University College Curriculum Committee   December 13, 2010

Undergraduate Curriculum Committee   _____

University Senate   _____

Attachment: Program Inventory Form