# Curriculum Change Form

(Present only one proposed curriculum change per form)

(Complete only the section(s) applicable.)

## Part I

<table>
<thead>
<tr>
<th>(Check one)</th>
<th>Department Name</th>
<th>College</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Course</td>
<td>Psychology</td>
<td>Arts and Sciences</td>
</tr>
<tr>
<td>Course Revision</td>
<td></td>
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<tr>
<td>Hybrid Course</td>
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<tr>
<td>Course Dropped</td>
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<tr>
<td>New Program</td>
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<tr>
<td>Program Revision</td>
<td></td>
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</tr>
</tbody>
</table>

**Provide only the information relevant to the proposal.**

Proposal Approved by:  
Departmental Committee:  
Graduate Council*:  
College Curriculum Committee:  
General Education Committee*:  
Teacher Education Committee*:  
Council on Academic Affairs:  
Faculty Senate**:  
Board of Regents**:  
Council on Postsecondary Edu.***  

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

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

A. 1. **Specific action requested:**  
(Example: To increase the number of credit hours for ABC 100 from 1 to 2.)  
To create a new major, “Animal Studies.”

A. 2. **Effective date:**  
(Example: Fall 2001)  
Fall 2010

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

B. **The justification for this action:**

Animal Studies is a new, stimulating, and challenging cross-disciplinary field of study, incorporating applied fields, science and humanities. At present, no university has an Animal Studies major, though others are seeking to develop one and several have minors. EKU has a diversity of existing courses well suited to this field of study, and has faculty in diverse departments who are experts in this field. The major itself provides students with a rich, in-depth liberal arts education with the possibility to develop their knowledge in applied fields, science, or arts and humanities. See attached justification for more reasons to create an Animal Studies major at EKU.

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

**Personnel Impact:**

None. Existing faculty satisfy all needs for the program.

**Operating Expenses Impact:**

None. Existing department and college institutional support is satisfactory.

**Equipment/Physical Facility Needs:**

None. Existing facilities are adequate.
Library Resources:
None necessary; some new journals and books may be requested.

<table>
<thead>
<tr>
<th>Part II. Recording Data for New, Revised, or Dropped Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>(For a new required course, complete a separate request for the appropriate program revisions.)</td>
</tr>
<tr>
<td>1. For a new course, provide the catalog text.</td>
</tr>
<tr>
<td>2. For a revised course, provide the current catalog text with the proposed text using strikethrough for deletions and underlines for additions.</td>
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<td>3. For a dropped course, provide the current catalog text.</td>
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<table>
<thead>
<tr>
<th>New or Revised* Catalog Text</th>
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<tbody>
<tr>
<td>(*Use strikethrough for deletions and underlines for additions. Also include Crs. Prefix, No., and description, limited to 35 words.)</td>
</tr>
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<tr>
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<td>1. For a new program, provide the catalog description as being proposed.</td>
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**DEPARTMENT OF PSYCHOLOGY**
Chair
Dr. Robert Brubaker
(859) 622-1105
Cammack 127

Faculty
D. Beal, T. Botts, R. Brubaker, M. Bundy, C. Clement,
J. Flanagan, D. Florell, J. Gore, A. Hale, J. Henning,
A. Lawson, R. Lorden, D. Mercer, R. Mitchell, T. Nowak, R.
Osboldiston, J. Palmer, R. Perrine, J. Robinson, S. Wilson, M.
Winslow, and D. Wygant.

**Baccalaureate Degrees**

**Psychology (B.S.)**

*CIP Code: 42.0101*

(Psychology Program Information will be placed before ANS information. Current catalog page number for Psychology: 92-93)
ANIMAL STUDIES (B.S.)
CIP Code: 30.9999

Faculty
R. Brubaker (Psychology), B. Freed (Anthropology, Sociology, & Social Work), A. Lawson (Psychology), R. Lorden (Psychology), P. Kopacz (English), S. McSpirit (Anthropology, Sociology, & Social Work), R. Mitchell (Psychology), L. Newhart (Philosophy & Religion), L. Noblitt (Government), R. Perrine (Psychology), B. Pratt (Agriculture), N. Santangelo (Biology), S. Sumithran (Biology), and S. Tsiang (English)

Program Objectives
Animal Studies (ANS) is an interdisciplinary major that concentrates on nonhuman animals, their interactions and relationships with people, and the mutual influences humans and nonhuman animals have on each other’s existence, evolution, and history. Students in Animal Studies receive training in sciences, humanities, and applied fields. Within their cross-disciplinary training, students will choose to emphasize at least one of these areas of study. Graduates of the program will gain knowledge of and be able to evaluate ideas about nonhuman animals, humans, and their mutual influences informatively from diverse perspectives. Upon completion of the ANS degree, graduates will be able to (1) analyze contexts and events concerning animals knowledgeably and from diverse points of view; (2) elucidate the motives and consequences for diverse human-animal interactions; (3) evaluate the impacts of human uses of and attitudes toward animals on individuals and communities, and on evolution and history; (4) integrate cross-disciplinary ideas into an awareness of divergent perspectives on animals and humans; and (5) use skills and expertise in understanding animals and humans to obtain employment.

Major Requirements ................................................................. 53-55 hours
ANS 200, and courses in the following groups:
(1) Arts & Humanities: ANS 320; PHI 390; SOC 300; ANS 310, 497, or three hours of a relevant arts or humanities course (12 hours).
(2) Science: ANT 306 or 371; BIO 141; BIO 316 or 550; PSY 333 (14 hours).
(3) Application: AGR 125; ANT 370; LAS 306 or BIO 380; three hours of a relevant applied learning or study abroad course (12 hours).
(4) Capstone: ANS 400 or PSY 401 or other relevant thesis option.
(5) Electives: an additional 9-11 hours in relevant courses, as approved by student’s advisor or department head.

Supporting Course Requirements .............................................. 10 hours
ANT 120, 201; BIO 121.

General Education Requirements ............................................. 39 hours
Standard General Education program, excluding blocks IVA, VB, VII(NS). Refer to Section Four of this Catalog for details on the General Education and University requirements

University Requirement ......................................................... 1-3 hours
GSO 100 or GSD 101.

Free Electives ................................................................. 13-17 hours

Total Curriculum Requirements .............................................. 120 hours
Proposed Major in Animal Studies (Expanded)

**Major Requirements** ........................................... 53-55 hours

*Introductory course (3 credits)*

ANS 200  Introduction to Animal Studies  (3)

*Arts and Humanities requirements (12 credits)*

ANS  320  Animals in History (3)
PHI   390  Animal Ethics (3)
SOC  300  Sociology of Animal-Human Relations (3)

*Plus choose one of the following:*

ANS 310  Animals in Literature (3)
ANS 497  Topics in Animal Studies: _________ (3)

Or a course relevant to animal studies from an arts and/or humanities perspective.

*Science requirements (14 credits)*

BIO 141  General Zoology (4)
PSY 333  Comparative Psychology (3)

*Plus choose one of the following:*

ANT 306  Human Evolution (3)
ANT 371  Primate Ecology and Sociality (3)

*Plus choose one of the following:*

BIO 316  Ecology (4) *(required for several upper-division BIO courses)*
BIO 550  Animal Behavior (4)

*Applied requirements (12 credits)*

AGR 125  Principles of Animal Science (3)
ANT 370  Primate Conservation (3)

*Plus choose one of the following:*

LAS 306  Animals and the Law (3)
BIO 380  Wildlife Law and Law Enforcement (3)

*Plus choose one of the following:*

One applied learning course *(e.g., AGR 349, BIO 349, ENG 349, HIS 349, JOU 349, PHI 349, PSY 349, PUB 349), or*

One study abroad course relevant to Animal Studies (3)

*Electives (9-11 hours)*

Choose several courses, devised with student’s advisor, to develop student’s knowledge in student’s area of interest in Animal Studies

*Capstone (3 credits)*

*Choose one of the following (or other relevant Senior Seminar or Thesis option):*

ANS 400  Senior Seminar: __________.
PSY 401  Senior Thesis

*Supporting Course Requirements* ........................................... 10 hours

Area IVA  BIO 121, Principles of Biology (4)
Area VB  ANT 120, Introduction to Cultural Anthropology (3)
Area VII(NS)  ANT 201, Introduction to Physical Anthropology (3)

General Education Requirements ................................. 39 hours
Standard General Education program, excluding blocks IVA, VB, VII(NS).

University Requirement .............................................. 1-3 hours
Choose one of the following
GSO 100  Academic Orientation (1)
GSD 101  Foundations for Learning (3)

Free Electives ......................................................... 13-17 hours

Total Curriculum Requirements ................................... 120 hours
## Curriculum Change Form

(Present only one proposed curriculum change per form)

(Complete only the section(s) applicable.)

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<td>New Course (Parts II, IV)</td>
<td>Safety, Security, and Emergency Management</td>
<td>Justice &amp; Safety</td>
</tr>
<tr>
<td>Course Revision (Parts II, IV)</td>
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<tr>
<td>Hybrid Course (‘S,’ ‘W’)</td>
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<tr>
<td>Course Dropped (Part II)</td>
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<tr>
<td>X New Program (Part III)</td>
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<tr>
<td>Program Revision (Part III)</td>
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<tr>
<td>Program Suspended (Part III)</td>
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</tr>
</tbody>
</table>

*Provide only the information relevant to the proposal.

Proposal Approved by: Inter-
Departmental Committee October 22, 2009
Graduate Council* NA
Council on Academic Affairs

Is this a SACS Substantive Change? Yes**** No

College Curriculum Committee 10.27.2009 Approved x Disapproved 11/19/09
General Education Committee* NA Faculty Senate**
Teacher Education Committee* NA Board of Regents**

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

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

**A. 1. Specific action requested:** (Example: To increase the number of credit hours for ABC 100 from 1 to 2.)
To establish an undergraduate university Certificate in Intelligence Studies

**A. 2. Effective date:** (Example: Fall 2001) Spring 2010

**A. 3. Effective date of suspended programs for currently enrolled students:** (if applicable) None
B. The justification for this action:

EKU students in Criminal Justice, Homeland Security, and Political Science have shown interest in careers in the United States intelligence community. There is also a potential demand from students from other EKU departments. EKU already offers a number of research, analysis, and substantive threat courses that can be combined into a robust interdisciplinary certificate in intelligence studies. The content of the certificate has been coordinated with all departments offering courses in the certificate. A committee of faculty who offer courses in the certificate will manage the certificate program and submit recommendations for future changes as appropriate. The program coordinator will be in the College of Justice and Safety’s Department of Safety, Security, and Emergency Management.

Program Level Learning Objectives: Certificate in Intelligence Studies

Students who complete this certificate will be able to:

- Discuss the historical evolution of the U.S. intelligence community.
- Identify the agencies and departments that are members of the U.S. intelligence community.
- Assess the capabilities, functions, and roles of U.S. intelligence community members and their interface with various consumers, including the U.S. Congress.
- Explain the intelligence cycle, including each element of the process and participants’ responsibilities.
- Explain the role of U.S. intelligence agencies in assessing and countering threats to U.S. and global security.
- Discuss the ethical challenges in conducting intelligence operations.
- Conduct basic applied research and provide professional analyses using qualitative and quantitative methods on issues critical to intelligence consumers.
- Complete intermediate-level professional analyses in selected areas critical to intelligence consumers, based on student’s career interests.
- Appraise international and domestic security threats to the US, based on student’s career interests.

Personnel Impact: None. Courses are already offered. Greatly increased enrollments are not expected in curriculum courses. All EKU departments offering courses in the certificate have approved their participation.

Operating Expenses Impact: None

Equipment/Physical Facility Needs: None

Library Resources: None

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

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

1. For a new course, provide the catalog text.
2. For a revised course, provide the current catalog text with the proposed text using strikethrough for deletions and underlines for additions.
3. For a dropped course, provide the current catalog text.
Part III. Recording Data for New, Revised, or Suspended Program

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

**Intelligence Studies**

This certificate prepares students for careers in the U.S. intelligence community at federal, state, local, and tribal levels. The certificate includes 15 hours of required courses and 9 hours within a single option. Prerequisites for the below certificate course options do not count toward the total curriculum requirements.

**Requirements**

- GEO 353, GEO 456, HLS 401.
- Select 3 hours from:
  - CRJ 388, HLS 321, OR POL 280.
- Select 3 hours from:
  - CRJ 400, FSE 200, STA 215, OR STA 270.

**Options**

Select 9 hours from one Option:

- **Intelligence Analysis Option:**
  - CRJ 403, GEO 553, GEO 556, STA 320, STA 375, OR STA 501.

- **Threat Specialist Option:**
  - CRJ 403, GEO 553, PLS 375, POL 321, POL 325, OR POL 415.

**Total Curriculum Requirements**
### Part I

<table>
<thead>
<tr>
<th>(Check one)</th>
<th>Department Name</th>
<th>Health Promotion and Administration</th>
</tr>
</thead>
<tbody>
<tr>
<td>___</td>
<td>College</td>
<td>College of Health Sciences</td>
</tr>
<tr>
<td>___</td>
<td>*Course Prefix &amp; Number</td>
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<tr>
<td>___</td>
<td>*Course Title (30 characters)</td>
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<tr>
<td>X</td>
<td>*Program Title</td>
<td>Post-Baccalaureate HIM Certificate</td>
</tr>
<tr>
<td>___</td>
<td>(Major ___; Option ___; Minor ___; or Certificate X)</td>
<td></td>
</tr>
</tbody>
</table>

**Proposal Approved by:**
- **Departmental Committee:** 9/29/2009
- **College Curriculum Committee:** 10/21/09
- **General Education Committee:** NA
- **Teacher Education Committee:** NA
- **Council on Academic Affairs:** NA
- **Faculty Senate:** NA
- **Board of Regents:** NA
- **Council on Postsecondary Edu.:** NA

*If Applicable (Type NA if not applicable.)

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

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

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

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

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

#### A. Specific action requested:
To create a new Post-Baccalaureate HIM Certificate program.

#### A. 2. Effective date:
Fall 2010

#### A. 3. Effective date of suspended programs for currently enrolled students:
If applicable

#### B. The justification for this action:
The HSA program has been included in a federal grant designed to facilitate the rapid entry of health informatics and information management professional into the workforce. This accelerated post-baccalaureate certificate has been designed to be completed in 6 months (full time). During these months, students will take two courses at a time on a five-week pattern.

#### C. The projected cost (or savings) of this proposal is as follows:
- **Personnel Impact:** None
- **Operating Expenses Impact:** None
- **Equipment/Physical Facility Needs:** None
- **Library Resources:** None

 Though the HSA program is currently seeking approval of this certificate, implementation will be contingent on receipt of the grant. If funded, there are no projected costs to the university anticipated. If not funded, the courses will not be offered.

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

#### New or Revised* Program Text

Students who have earned a baccalaureate degree and taken the following courses will be eligible for enrollment in the Post-Baccalaureate HIM Certificate.

- Computer Foundations
- Healthcare Delivery Systems
- Anatomy and Physiology
- Medical Terminology
- Medical Science (Pathophysiology)

#### Major Requirements

<table>
<thead>
<tr>
<th>Course Codes</th>
<th>Hours</th>
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<tbody>
<tr>
<td>HSA 412, 420, 425, 430, 435, 440, 445, 450, and 455</td>
<td>21</td>
</tr>
</tbody>
</table>

| Total Curriculum Requirements | 21 |

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CAA 9
Post-Baccalaureate HIM Certificate Curriculum

Prerequisites
- Computer Foundation (either through college course or demonstration of knowledge)
- Medical Terminology
- Anatomy and Physiology
- Medical Science (Pathophysiology)
- Health Care Delivery Systems

<table>
<thead>
<tr>
<th>Prerequisite Semester</th>
<th>1st 4 Weeks</th>
<th>2nd 4 Weeks</th>
<th>3rd 4 Weeks</th>
<th>4th 4 Weeks</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSA 200 (Medical Term. I)</td>
<td>HSA 201 (Medical Term. II)</td>
<td>HSA 203 (Medical Science)</td>
<td>HSA 325* (Health Care Delivery Systems)</td>
<td></td>
</tr>
</tbody>
</table>

Computer Foundations Course

Post-Baccalaureate HIM Certificate Courses
- HSA 420 (3 cr) – Health Informatics Information Management*
- HSA 425 (2 cr) – The Legal Health Record*
- HSA 430 (3 cr) – Healthcare Coding and Reimbursement*
- HSA 435 (3 cr) – Healthcare Information Systems*
- HSA 440 (2 cr) – Healthcare Quality Management*
- HSA 445 (2 cr) – Fundamentals of Healthcare Research*
- HSA 450 (2 cr) – Healthcare Systems Development*
- HSA 455 (3 cr) – Healthcare Management and Leadership*
- HSA 412 (1 cr) – Professional Practice Experience in HIM

Credits = 21

*New Course

Course Sequencing

### Post-Baccalaureate Certificate Semester

<table>
<thead>
<tr>
<th>1st 5 Weeks</th>
<th>2nd 5 Weeks</th>
<th>3rd 5 Weeks</th>
<th>4th 5 Weeks</th>
<th>5th 2 Weeks</th>
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<tbody>
<tr>
<td>HSA 420</td>
<td>HSA 430</td>
<td>HSA 440</td>
<td>HSA 450</td>
<td>HSA 412</td>
</tr>
<tr>
<td>HSA 425</td>
<td>HSA 435</td>
<td>HSA 445</td>
<td>HSA 455</td>
<td></td>
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or

<table>
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<tr>
<th>1st 4 Weeks</th>
<th>2nd 4 Weeks</th>
<th>3rd 4 Weeks</th>
<th>4th 4 Weeks</th>
<th>5th 2 Weeks</th>
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<tbody>
<tr>
<td>HSA 420</td>
<td>HSA 430</td>
<td>HSA 440</td>
<td>HSA 450</td>
<td>HSA 412</td>
</tr>
<tr>
<td>HSA 425</td>
<td>HSA 435</td>
<td>HSA 445</td>
<td>HSA 455</td>
<td></td>
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</table>
**Entry-Level Competencies** (as mandated by the American Health Information Management Association)

**Health Data Management**

1. Manage health data elements and/or data sets
2. Develop and maintain organizational policies, procedures, and guidelines for management of health information
3. Ensure accuracy and integrity of health data and health record documentation
4. Manage and/or validate coding accuracy and compliance
5. Manage the use of clinical data required in reimbursement systems and prospective payment systems (PPS) in healthcare delivery
6. Code diagnosis and procedures according to established guidelines
7. Present data for organizational use (e.g., summarize, synthesize, and condense information)

**Health Statistics and Research Support**

1. Identify and/or respond to the information needs of internal and external healthcare customers
2. Filter and/or interpret information for the end customer
3. Analyze and present information for organizational management (e.g., quality, utilization, risk)
4. Use data mining techniques to query and report from databases

**Information Technology and Systems**

1. Implement and manage use of technology application
2. Develop data dictionary and data models for database design
3. Manage and maintain databases (e.g., data migration, updates)
4. Apply data and functional standards to achieve interoperability of healthcare information systems
5. Apply data/record storage principles and techniques associated with the medium (e.g., paper-based, hybrid, electronic)
6. Evaluate and recommend clinical, administrative, and specialty service applications (e.g., financial systems, electronic record, clinical coding)
7. Manage master person index (e.g., patient record integration, customer/client relationship management)

**Organization and Management**

1. Develop and support strategic and operational plans for facility-wide health information management
2. Monitor industry trends and organizational needs to anticipate changes
3. Perform human resource management activities (e.g., recruiting staff, creating job descriptions, resolve personnel issues)
4. Conduct training and educational activities (e.g. HIM systems, coding, medical and institutional terminology; documentation and regulatory requirements)
5. Establish and monitor productivity standards for the HIM function
6. Optimize reimbursement through management of the revenue cycle (e.g., chargemaster maintenance)
7. Develop, motivate, and support work teams and/or individuals (e.g., coaching, mentoring)
8. Prepare and manage budgets
9. Analyze and report on budget variances
10. Determine resource needs by performing analyses (e.g., cost-benefit, business planning)
11. Evaluate and manage contracts (e.g., vendor, contract personnel, maintenance)
12. Organize and facilitate meetings
13. Advocate for department, organization and/or profession
14. Manage projects
15. Prepare for accreditation and licensing processes (e.g., Joint Commission, Medicare, state regulators)

**Privacy, Security, and Confidentiality**

1. Design and implement security measures to safeguard Protected Health Information (PHI)
2. Manage access, disclosure, and use of Protected Health Information (PHI) to ensure confidentiality
3. Investigate and resolve healthcare privacy and security issues/problems
4. Develop and maintain healthcare privacy and security training programs

**Legal and Regulatory Standards**

1. Administer organizational compliance with healthcare information laws, regulations and standards (e.g., audit, report and/or inform; legal health record)
2. Prepare for accreditation and licensing processes (e.g., Joint Commission, Medicare, state regulators)
### Curriculum Change Form

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(Complete only the section(s) applicable.)

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<tbody>
<tr>
<td>New Course (Parts II, IV)</td>
<td>Technology</td>
<td>Business &amp; Technology</td>
<td>Computer Electronic Networking (B.S.)</td>
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<tr>
<td>Course Revision (Parts II, IV)</td>
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<td>Hybrid Course (&quot;S, W&quot;)</td>
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*Provide only the information relevant to the proposal.*

**Is this a SACS Substantive Change?**
- Yes
- No

**Proposal Approved by:**

<table>
<thead>
<tr>
<th>Departmental Committee</th>
<th>Date</th>
<th>Graduate Council*</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/1/2009</td>
<td></td>
<td>Council on Academic Affairs</td>
<td>NA</td>
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<table>
<thead>
<tr>
<th>College Curriculum Committee</th>
<th>Date</th>
<th>Approved</th>
<th>Disapproved</th>
<th>Date</th>
</tr>
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<tbody>
<tr>
<td>10/14/2009</td>
<td>x</td>
<td></td>
<td>11/19/09</td>
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<table>
<thead>
<tr>
<th>General Education Committee*</th>
<th>Date</th>
<th>Faculty Senate**</th>
<th>Date</th>
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*If Applicable (Type NA if not applicable.)

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

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

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

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

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

1. Change name of major program from "Computer Electronic Networking" to "Network Security & Electronics," and update prefix of program to "NET," and **CIP code to 15.1299**. The networking and security related major courses will use NET.

2. Expand selection of Computer Science classes to include three hours of higher level courses beyond CSC160, not restricted to CSC 177 (Visual Basic) or CSC 190 (Intro. to C++).

3. Expand selection of Mathematics courses to include MAT 124 (Calculus I).

4. Expand selection of general education physical science laboratory courses to include 7 hours of PHY 101 (Conceptual Physics) and CHE 101/107 (Chemistry in Everyday Life/Intro. Chemistry lab) or higher courses in standard general education block IVB.

5. Drop QMB 200 (Business Statistical I) from the list of alternate Statistics classes.

6. Reduce requirement of 4 hours of upper-division electives to 2 hours of upper-division electives. Reduce overall free electives from 9 hours to 5-6 hours, and major requirements from 42 to 40 hours.

7. Change prefixes of computer networking and security related classes in the updated Network Security & Electronics major from "EET" to "NET," while retaining the EET prefix for Electricity and Electronics Technology related courses.

8. Make NET 354 (Microcomputer & Network Security, formerly EET 354), a required course in the major. At present EET 354 is an elective in the major. Move EET 351 (Programmable Logic Controllers) and EET 452 (Electrical power & drives) into the block of technical electives.

9. Drop EET 254 (Machine Language for Microcontrollers) from the list of required major classes and add NET 454 (WAN/Wireless Security) as a required major class.

10. **Decrease number of hours in program from 128 to 120.**

11. Require taking of at least one advisor approved computer networking, security, electronics, or related technology certification or license exam.

12. Change prefix of supporting classes related to Industrial Technology (INT) to Applied Engineering Management (AEM).

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

Fall 2010

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

NA
B. The justification for this action:

1. The increased need regionally and nationally for skilled technology professionals who can manage and secure networks systems has caused the curriculum committee to gradually increase emphasis in the BS program to include security of wired and wireless computer networking systems. Results of an EKU funded grant which permitted graduating students to write an internationally recognized professional networking certification exam revealed the need for additional security coursework in the curriculum. These courses have been offered as special topics courses by the major, and there is a need for integrating security at all levels of the curriculum. The computer electronics programs advisory committee strongly recommends computer and network security be an integral part of the program, and the updated name of the program “Network Security & Electronics,” along with the “NET” prefix associated with the computer networking and security classes reflects this. The earlier CIP code 15.0301 is no longer is use. Update the CIP code for the NET program to 15.1299 for Computer Engineering Technologies/Technicians, Other. This code represents the content related to computer network hardware/software, security and electronics technology that will be covered in the revised NET curriculum.

2. Three hours of higher level Computer Science courses, including upper division courses beyond CSC160 (Intro. to programming) will permit students to take appropriate web based programming and database related courses. Also, this provides greater flexibility in course selection.

3. The addition of a Calculus course (MAT 124) will make the Calculus requirements consistent with existing supporting calculus requirements in the major (MAT 211 or MAT 261). As per the undergraduate catalog, students who have credit for MAT 124 are not awarded credit for MAT 211 or MAT 261. This will ease transfer coursework as well.

4. Expanding selection of physical laboratory sciences to include a range of Physics and Chemistry courses based on the recommendation of the departmental curriculum and advisory committees. Existing requirements are 10 hours of PHY131 and PHY 132 (pre-requisite PHY 131). The Association of Technology, Management, and Applied Engineering (ATMAE), formerly National Association of Industrial Technology (NAIT) accreditation guidelines specify 6 or more hours of physical sciences - Physics, Chemistry, etc. Students in the major will benefit by taking physical laboratory science courses including chemistry (CHE 101/107 or higher) for developing an understanding of the physical world. This will reduce supporting course requirements from 46 hours to 43 hours.

5. QMB 200 is rarely used by departmental majors as a pre-requisite for the INT 202 (Quality Control) which is required in the BS program. The curriculum committee recommends General Education Block VII(QS) approved statistics courses STA 215 or STA 270 be used exclusively for this purpose. Overrides into INT 202 will be granted to students with QMB 200 as needed.

6. The overall reduction in free electives from 9 to 5-6 is due to reduction in total credit hours required by the program from 128 to 120. The reduction in 4 hours of upper-division electives to 2 is due to the addition of a proposed upper-division required major class NET454, and reduction of required upper-division hours from 43 to 42, while also reducing 2 hours of upper-division major requirements. ATMAE accreditation standards specify a minimum of 0 credit hours for electives. The accreditation guidelines also specify up to 36 technical (major) hours for a 120 hour degree program. Accordingly the major hours are being reduced from 42 to 40 hours. This includes 4 upper-division hours that can be taken entirely for co-operative education, reducing the technical hour requirement to 36. Opportunities for student to participate in co-operative education, when available, are strongly encouraged by the curriculum and advisory committees.

7. Following discussions in both the computer electronics curriculum committee and the advisory committees, the unanimous recommendation was to change the prefix of the program, and of major courses for emphasizing the future direction of the major. The “NET,” prefix change for classes related to computer networking and security reflects this, while retaining the EET prefix for electricity and electronics related major courses.

8. Including NET 354 (Microcomputer & network security, formerly EET 354) as a major requirement has been has been strongly supported by the computer electronics advisory and curriculum committees. The 2006-07 EKU assessment grant for validating the departmental exit exam based on professional certification exams indicated that student performance in networking concepts and security needed to be strengthened. The automation, control and power related courses EET351 and EET452 will serve as technical electives for the major.

9. The essentials of microcontroller hardware and programming covered in EET254 will be migrated into EET253 (Microprocessor Systems) with the course description revision to reflect these changes. The integration of the microprocessor and microcontroller courses will enable students to learn about real-time control using embedded controllers and mechatronics. NET454 is a new course related to WAN/Wireless security, and will equip students with the knowledge and skills needed for managing and securing enterprise level networking systems. The departmental advisory committee endorses inclusion of content in the computer and networking security area at all levels of the curriculum.

10. The reduction in total number of hours needed for completing the program from 128 to 120 will make this requirement consistent across the technology department, without affecting any of the major, supporting or general education course requirements. Only the number of free electives will be impacted by reducing these to 3-4 credit hours. Updated national accreditation guidelines for technology programs permit 0 credit hours of free electives, and the change exceeds this accreditation requirement, while still permitting students some flexibility in selection of electives. The reduction to 120 credit hours will encourage transfers from the Kentucky Community and Technical College System (KCTCS) in a streamlined 2+2 format.

11. An increased emphasis in the profession on certifications related to field of computer networking, security, and electronics are valued by potential employers. External validation of student proficiency in technical areas and the opportunity for students to advance professionally by continuing education in the form of certifications and licensure will also be achieved.
C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact:
None

Operating Expenses Impact:
None

Equipment/Physical Facility Needs:
None

Library Resources:
None

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

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

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

Computer Electronic Networking Network Security & Electronics (B.S.)

CIP Code: 15.0304.01 15.1299

University Requirement........................................................................................................ 1 hour
BTO 100

General Education Requirements........................................................................................................ 30 hours

Standard General Education program, excluding blocks II, IVB, VII (NS), and VIII (6 hours). Refer to Section Four of this Catalog for details on the General Education and University requirements.

Supporting courses ........................................................................................................ 46 43-44 hours

CSC 160 and 3 hours of higher CSC courses (CSC 177 or 190); ECO 230, MAT 108 and (124(4) or 211 or 261), AEM INT 202, 310, 406, 408: (PHY 101) and (CHE 101, CHE 107(1) or higher) in general education block IVB PHY 131(5), 132(5); STA 215 or STA 270 or QMB 200; TEC 161; and 3 upper division hours of ACC*, AEM*, CCT*, CIS*, FIN*, GBU*, INS*, INT*, MGT*, MKT*, or QMB*, or RST*, electives as approved by major advisor.

Free Electives .................................................................................................................. 9 5-6 hours

(A minimum of 4 2 semester hours must be Upper Division Courses including Cooperative Education)

Major Requirements ........................................................................................................ 42 40 hours

EET 251, 252, 253, 254, 257, NET 302, 303, 343, 354, 355, (403 or 452), 440, 454, 499,

Select 6 4 hours from EET NET 349, 395, EET 351 364, 452, 499.

Total Curriculum Requirements ........................................................................................ 128 120 hours

The Department of Technology’s Computer Electronic Networking degree program has an articulation agreement for transfer of credit and cooperation with Bluegrass Community and Technical College’s (formerly Lexington Community College) Associate in Applied Science Degree in Engineering Technology with Electrical Specialization.

*Prerequisite may be required for some course selections.

Students must take at least one computer systems, networking, security, electronics, or telecommunications technology certification or license approved by the advisor.

Students must take a Computer Electronic Networking exit examination before graduation.

Graduates must have an overall GPA of 2.25 in major requirements.

The Computer Electronic Networking program is accredited by the Association of Technology, Management and Applied Engineering (ATMAE) National Association of Industrial Technology (NAIT).
# Curriculum Change Form

(Present only one proposed curriculum change per form)

(Complete only the section(s) applicable.)

## Part I

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*Provide only the information relevant to the proposal.*

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

**A. Specific action requested:**

(Example: To increase the number of credit hours for ABC 100 from 1 to 2.) Establish required courses for the Honors Program to be included in the program description/Catalog text.

**A. Effective Academic Year**

2010-11

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

NA

**B. The justification for this action:**

The Honors Program description needs additional course information added to clarify all courses required in the program.

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

**Personnel Impact:**

None

**Operating Expenses Impact:**

None

**Equipment/Physical Facility Needs:**

None

**Library Resources:**

None

## Part III. Recording Data for New, Revised, or Suspended Program
1. For a new program, provide the catalog description as being proposed.
2. For a revised program, provide the current program requirements using **strikethrough** for deletions and **underlines** for additions.
3. For a suspended program, provide the current program requirements as shown in catalog. List any options and/or minors affected by the program’s suspension.

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<td>(*Use <strong>strikethrough</strong> for deletions and <strong>underlines</strong> for additions.)</td>
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Honors Program  
Dr. Linda Frost, Director  

Page 65 of the 2009-10 *Undergraduate Catalog*  
(Add section below current *Catalog* language.)

**Honors Program Course Requirements**............................28 hours

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<tr>
<th>Course</th>
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<tr>
<td>HON 100</td>
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<tr>
<td>HON 420</td>
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Specific General Education requirements are determined by the student’s first major. The Honors curriculum is attached as the student’s second major. All Honors students are required to complete the honors general education courses.

**Honors General Education Requirements**.........................21 hours

- Honors students must complete the following honors courses in lieu of other general education offerings: **HON 102** (Block IA and IB), **HON 205W** (IIIA), **HON 210W** (VA), **HON 306W** (IIIB), **HON 311W** (VC), and 3 hours from any one of the following as determined by their major: **HON 304** (VII)(QS), **HON 308** (VII)(AH), **HON 312** (VII)(SBS), **HON 316** (VII)(NSI).

**Honors Scholar Requirement**.................................3.0 minimum cumulative GPA and successful completion of the honors thesis.

**Total Curriculum Requirements**.................................28 hours
Part I

(Check one)  Department Name  Occupational Therapy

- New Course (Parts II, IV)  College  Health Sciences
- Course Revision (Parts II, IV)  *Course Prefix & Number
- Course Dropped (Part II)  *Course Title (30 characters)
- New Program (Part III)  *Program Title
- Program Revision (Part III)  Occupational Science
- Program Suspended (Part III)  (Major X_, Option ___; Minor ___; or Certificate ___)

*Provide only the information relevant to the proposal.

Proposal Approved by:  Date
Departmental Committee  04/28/09
College Curriculum Committee  10/21/09
General Education Committee*  NA
Teacher Education Committee*  NA

Is this a SACS Substantive Change?  Yes****  No X

Council on Academic Affairs
Approved  Disapproved  11/19/09

Faculty Senate**
Board of Regents**
Council on Postsecondary Edu.***

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

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

A. 1. Specific action requested:  To revise and clarify progression and retention in the Program. To change the required grade point average from 2.0 to 2.5 to progress into Cycle 1 (junior year) of Occupational Science curriculum.

A. 2. Effective date:  Spring 2010

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

B. The justification for this action:

A change to increase the required G.P.A. for students entering the junior year of the Occupational Science Program from 2.0 to 2.5 due to increased demand for the program, to clarify progression in the program, and to be congruent with the increased competition for Graduate School and the Masters degree program in Occupational Therapy.

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

Personnel Impact:  None
Operating Expenses Impact:  None
Equipment/Physical Facility Needs:  No change
Library Resources:  No change

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

New or Revised* Program Text

Baccalaureate Degree in Occupational Science (BS)  (page 146 of the 2009-10 Undergraduate Catalog)

Progression and Retention in the Program

In order for students to follow the established progression of the program sequence they must:
- Receive a 2.0 or better in all OTS and support courses.
- Maintain an overall GPA of 2.0.
- Successfully complete all Pre-cycle work before enrolling in Cycle 1 course work. In addition, students must successfully complete Cycle 1 course work before enrolling in Cycle II course work.

Progression to Cycle 1 (junior year) occurs when Pre-cycle requirements are met:
- at least 57 hours of coursework completed
- an overall GPA of 2.5 or better
- “C” or better in human anatomy, human physiology, general psychology, and statistics.

To progress to Cycle 2 (senior year), all Cycle 1 required major and support courses must be completed with a grade of “C” or better.

To graduate, all Cycle 2 required major and support courses must be completed with a grade of “C” or better as well as completion of general education and university requirements for graduation. An overall GPA of 2.0 must be maintained throughout the Occupational Science Program.
Curriculum Change Form
(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

**Part I**

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Is this a SACS Substantive Change? Yes**** No X

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*If Applicable (Type NA if not applicable.)

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

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

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

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

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

Remove NSC 700 from the MSD Program and provide an option for students because the content is similar in SED 718 & OTS 715. Delete SED 240. Lower prerequisite hours from 12 to 6 by removing EMG 445, 447, 806 and MAT 202 from prerequisites. Lower required course hours from 45 to 36.

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

Fall 2010

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

Not applicable.

**B. The justification for this action:**

Reduce the number of hours in the MSD graduate certification program from 45/57 hours to 36/42 hours.

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

- Personnel Impact: None
- Operating Expenses Impact: None
- Equipment/Physical Facility Needs: None
- Library Resources: None
Part II. Recording Data for New, Revised, or Dropped Course

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

37. For a new course, provide the catalog text.
38. For a revised course, provide the current catalog text with the proposed text using strikethrough for deletions and underlines for additions.
39. For a dropped course, provide the current catalog text.

**New or Revised* Catalog Text**

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

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

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

**New or Revised* Program Text**

(*Use strikethrough for deletions and underlines for additions.)

Moderate and Severe Disabilities

The prerequisites are an undergraduate degree and KY Provisional Teaching Certificate in IECE, P-5, 5-9, or High School for classroom teachers. Candidates must also have completed the following or equivalent prerequisite course work:

**Prerequisite Courses** ................................................... 12 hours 6 hours

ELE 445 or EMG 445; EMG 447 or 806; MAT 201, 202.

**Required Courses** ....................................................... 45 hours 36 hours

SED 240, 700, 704, 748, 722, 775, 735, 745, 777, 790; NSC 700; OTS 715 or SED 718; SED 774*, 897.
## Curriculum Change Form

*(Present only one proposed curriculum change per form)*

*(Complete only the section(s) applicable.)*

### Part I

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

****If “yes”, SACS must be notified before implementation. Please contact EKU’s Office of Institutional Effectiveness.

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

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

Update Minor with current course offerings.

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

Fall 2010

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

**B. The justification for this action:**

The curriculum structure has changed for entry level computer science courses. This requires matching change to the minor.

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

**Personnel Impact:** n/a

**Operating Expenses Impact:**

n/a

**Equipment/Physical Facility Needs:**

n/a

**Library Resources:**

n/a
Part II. Recording Data for New, Revised, or Dropped Course
(For a new required course, complete a separate request for the appropriate program revisions.)

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

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

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</table>

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

**Minor in Computer Science**
(21 hours)
(2009-10 Undergraduate Catalog)

A student may minor in computer science by completing CSC 460, 185, 190, 191, 195, 310, 330 and one of and two of CSC 200, 342, 313, or 320, or 330.
### Curriculum Change Form
*(Present only one proposed curriculum change per form)*
*(Complete only the section(s) applicable.)*

#### Part I

<table>
<thead>
<tr>
<th>(Check one)</th>
<th>Department Name</th>
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| *Provide only the information relevant to the proposal. |

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<th>Proposal Approved by:</th>
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<tr>
<td>Departmental Committee</td>
<td>10/2/09</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate Council*</td>
<td>n/a</td>
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<th>Is this a SACS Substantive Change?</th>
<th>Yes**** No</th>
<th></th>
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| **If Applicable (Type NA if not applicable.)** |
| **Approval needed for new, revised, or suspended programs** |
| **Approval/Posting needed for new degree program or certificate program** |
| **If “yes”, SACS must be notified before implementation. Please contact EKU’s Office of Institutional Effectiveness.** |

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

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

- Update Minor with current course offerings.

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

- Fall 2010

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

#### B. The justification for this action:

The curriculum structure has changed for entry level computer science courses and interactive multimedia courses. This requires matching change to the minor.

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

- **Personnel Impact:** n/a
- **Operating Expenses Impact:** n/a
- **Equipment/Physical Facility Needs:** n/a
- **Library Resources:** n/a
### Part II. Recording Data for New, Revised, or Dropped Course

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

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**New or Revised* Catalog Text**

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

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**New or Revised* Program Text**

(*Use **strikethrough** for deletions and **underlines** for additions.)

**Minor in Interactive Multimedia**

(From page 78 of the 2009-10 Undergraduate Catalog)

A student may minor in Interactive Multimedia by completing CSC 120, 140, 160, 185, 190, 191, 301, and 303-250, 315 and one of GEO 353, ART 100 or TEC 190.
Curriculum Change Form  
(Present only one proposed curriculum change per form)  
(Complete only the section(s) applicable.)

<table>
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| (Check one) | Department Name | Computer Science  
| _____ New Course (Parts II, IV) | College | Arts & Sciences  
| | *Course Prefix & Number |  
| | *Course Title (30 characters) |  
| | *Program Title | Computer Science BS  
| | (Major x, Option x; Minor ___; or Certificate ___) |  
| _____ Course Revision (Parts II, IV) |  
| |  
| |  
| _____ Hybrid Course ("S," "W") |  
| |  
| |  
| _____ Course Dropped (Part II) |  
| |  
| |  
| _____ New Program (Part III) |  
| | Program Title |  
| | (Major x, Option x; Minor ___; or Certificate ___) |  
| x Program Revision (Part III) |  
| |  
| |  
| |  
| | Program Suspended (Part III) |  
| | *Provide only the information relevant to the proposal. |  
|  
| Proposal Approved by: |  
| Departmental Committee | Date | Graduate Council* | Date |  
| 10/2/09 | Council on Academic Affairs | n/a |  
| College Curriculum Committee | Approved x Disapproved ___ | 11/19/09 |  
| General Education Committee* | n/a | Faculty Senate** |  
| Teacher Education Committee* | n/a | Board of Regents** |  
|  |  | Council on Postsecondary Edu.*** | n/a |  

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

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

A. 1. Specific action requested:  
(Example: To increase the number of credit hours for ABC 100 from 1 to 2.)  
Interactive Multimedia Option: Improve the course timeline, and student success, by adding prerequisites to a number of courses. Modify the supporting courses to make better use of current interdisciplinary offerings across campus.

Security Option: Change option title to better reflect course offerings.

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

Fall 2010

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

B. The justification for this action:

Much of the topics taught in the Interactive Multimedia courses require a solid programming and mathematical foundation. Therefore, we propose to add prerequisites which will require students to take the courses in the best order for their success. This requires some adjustment to the supporting courses which will be updated with new course offerings.

Also, the field of Computer Security is undergoing numerous changes that are causing additional sub-topics of study to be introduced. This option title change will better reflect the option’s current direction and future.

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

Personnel Impact: n/a

Operating Expenses Impact: n/a
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<tr>
<td>Library Resources:</td>
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Part II. Recording Data for New, Revised, or Dropped Course
(For a new required course, complete a separate request for the appropriate program revisions.)

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

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

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

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

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

Computer Science (B.S.)
CIP Code: 11.0101

Major Requirements.................................................30-48 hours

Computer Science Core..............................................24 hours
CSC 185, 190, 191, 195, 310, 340, and two of CSC 300, 303, 304, 313, 315, 316, 320, 330, 350, 370, 390, 400, 425, 440, 460, 490, 491, 520, 538, 540, 544, 545, 546, and 550 that are not used for credit in the option.

Options

Computer Science (General) ....................... 24 hours
(Accredited by the Computer Science Accreditation Commission of ABET) CSC 200, 320, 330, 370, 400, 440, 460, and 545.

Computer Technology.................................12 hours
CSC 200, 330, 370, 440, 460, one of CSC 313 or 545; and 3 hours of CSC 349:

Bioinformatics...................................................6 hours
One of CSC 303 or 520; one of CSC 313 or 545.

Interactive Multimedia .................................24 hours
CSC 420, 440, 250, 303, 304, 313, 315, 316, 330, 491, 520-550, and one of 520 or 555.

Computer Forensics and Security....................21 hours
CSC 200, 313, 330, 370, 538, 544, and one of CSC 400 or 460.

Supporting Course Requirements.....................30-55 hours

Computer Science (General)..........................31-35 hours
EET 252; MAT 124* or 124H; 214; 224 or 224H; STA270. One of the following two plans: Plan 1: One sequence from Biological lab science courses (BIO 121, 131; or BIO 121, 141); and any two additional courses taken from CHE 111/115, 112/116, GLY 108, 109, PHY 131, 132, 201, or 202.

Plan 2: One sequence from Physical lab science courses (CHE 111/115, 112/116; GLY 108, 109; or PHY 201, 202); BIO 121; and one additional course from CHE 111/115, 112/116, GLY 108, 109, PHY 131, 132, 201, 202, or any 200 level or above science course that counts toward a science major.

Computer Technology..............................................30-31 hours
EET 251, 252, 253, 254, 302, 303, 343, 351, and 354; one of MAT 124*, 124H, 211*, or 261*.

Bioinformatics...................................................55 hours
BIO 121, 315, 331, 348, 511, 533; 3 hours of BIO 598; 3 hours of BIO 349; CHE 111/115, 112/116, 330, 361, 362; MAT 124* or 124H; STA 270, 320.
Interactive Multimedia.....................................33 hours
COM 200; EET 252; MKT 304; MUS 290; STA 270; two of ART 200, ARH 390 or 391; MAT 124*; or 124H, 214*, or 264*; PHY 131 or 201; one of ART 100, TEC 190, or 255, 313, or 355; MAT 214*, 214H, or 3 credits from COM 320A–I, MAT 224 or 224H; MKT 301, 401 or MGT 301, 465 or GEO 353, 553;

Computer Forensics and Security..........................28 hours
APS 110, 438; EET 252, 303, 343, 354; one of MAT 124* or 124H; PLS 220, 208, 408.

General Education Requirements........................30-45 hours
Computer Science (General)............................30 hours
Standard General Education program, excluding blocks II, IVA, IVB, VII (NS), and VIII (6 hours). Refer to Section Four of this Catalog for details on the General Education and University requirements.

Computer Technology....................................45 hours
Standard General Education program, excluding block II. Refer to Section Four of this Catalog for details on the General Education and University requirements.

Bioinformatics.............................................33 hours
Standard General Education program, excluding blocks II, IVA, IVB, and VIII (6 hours). Refer to Section Four of this Catalog for details on the General Education and University Requirements.

Interactive Multimedia..................................33 hours
Standard General Education program, excluding blocks II, IIIA, IVB, and VII (6 hours). Refer to Section Four of this Catalog for details on the General Education and University Requirements.

Computer Forensics and Security........................45 hours
Standard General Education program, excluding block II. Refer to Section Four of this Catalog for details on the General Education and University Requirements.

University Requirement.................................1 hour
ASO 100.

Free Electives...........................................44–18 hours

Computer Science (General)............................14–18 hours

Computer Technology.....................................6-7 hours

Bioinformatics.............................................9 hours

Interactive Multimedia...................................11–12 hours

Computer Forensics and Security........................9 hours

Total Curriculum Requirements.........................128 hours
## Curriculum Change Form

*(Present only one proposed curriculum change per form)*

*(Complete only the section(s) applicable.)*

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<td>*Program Title</td>
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<tr>
<td>New Program (Part III)</td>
<td>Computer Science: Interactive Multimedia</td>
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<td>11/19/09</td>
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*If Applicable (Type NA if not applicable.)*

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

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

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

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

- Fall 2010

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

### B. The justification for this action:

- Much of the topics taught in the interactive multimedia courses require a solid programming and mathematical foundation. Therefore, we propose to add prerequisites which will require students to take the courses in the best order for their success. This requires some adjustment to the supporting courses which will be updated with new course offerings.

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

**Personnel Impact:** n/a

**Operating Expenses Impact:**

n/a

**Equipment/Physical Facility Needs:**

n/a

**Library Resources:**
n/a
Part II. Recording Data for New, Revised, or Dropped Course
(For a new required course, complete a separate request for the appropriate program revisions.)

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

Computer Science (B.S.)
CIP Code: 11.0101

Major Requirements.................................................30-48 hours

Computer Science Core.............................................24 hours
CSC 185, 190, 191, 195, 310, 340, and two of CSC 300, 302-304, 313, 315, 316, 320, 330, 350, 370, 390, 400, 425, 440, 460, 490, 491, 520, 538, 540, 544, 545, 546, and 550 that are not used for credit in the option.

Options

Computer Science (General)............................... 24 hours
(Accredited by the Computer Science Accreditation Commission of ABET) CSC 200, 320, 330, 370, 400, 440, 460, and 545.

Computer Technology................................. 12 hours
CSC 200, 330, 370, 440, 460, one of CSC 313 or 545; and 3 hours of CSC 349.

Bioinformatics.............................................. 6 hours
One of CSC 303 or 520; one of CSC 313 or 545.

Interactive Multimedia .................................. 24 hours
CSC 120, 140, 250, 304, 313, 315, 316, 330, 491, 520, 550, and one of 520 or 555.

Computer Forensics and Security............................. 21 hours
CSC 200, 313, 330, 370, 538, 544, and one of CSC 400 or 460.

Supporting Course Requirements...........................30-55 hours

Computer Science (General)............................. 31-35 hours
EET 252; MAT 124* or 124H; 214; 224 or 224H; STA 270. One of the following two plans: Plan 1: One sequence from Biological lab science courses (BIO 121, 131; or BIO 121, 141); and any two additional courses taken from CHE 111/115, 112/116, GLY 108, 109, PHY 131, 132, 201, or 202.

Plan 2: One sequence from Physical lab science courses (CHE 111/115, 112/116; GLY 108, 109; or PHY 201, 202); BIO 121; and one additional course from CHE 111/115, 112/116, GLY 108, 109, PHY 131, 132, 201, 202, or any 200 level or above science course that counts toward a science major.

Computer Technology................................. 30-31 hours
EET 251, 252, 253, 254, 302, 303, 343, 351, and 354; one of MAT 124*, 124H, 211*, or 261*.

Bioinformatics.............................................. 55 hours
BIO 121, 315, 331, 348, 511, 533; 3 hours of BIO 598; 3 hours of BIO 349; CHE 111/115, 112/116, 330, 361, 362; MAT 124* or 124H; STA 270, 320.

CAA 31
Interactive Multimedia....................................34-35-42 hours
COM 200; EET 252; MKT 304; MUS 290; STA 270; or ART 200, ARH 390 or 391; MAT 124*, or 124H, 214*, or 264*; PHY 131 or 201; one of TEC 190, or 255, 313, or 355; MAT 214*, 214H, or 3 credits from COM 320A-I; MAT 224 or 224H; MKT 301/401, MGT 301/465, or GEO 353/553.

Computer Forensics and Security...........................................28 hours
APS 110, 438; EET 252, 303, 343, 354; one of MAT 124 or 124H; PLS 220, 208.

General Education Requirements.................................30-45 hours
Computer Science (General).......................................30 hours
Standard General Education program, excluding blocks II, IVA, IVB, VII (NS), and VIII (6 hours). Refer to Section Four of this Catalog for details on the General Education and University requirements.

Computer Technology.............................................45 hours
Standard General Education program, excluding block II. Refer to Section Four of this Catalog for details on the General Education and University requirements.

Bioinformatics..................................................33 hours
Standard General Education program, excluding blocks II, IVA, IVB, and VII (6 hours). Refer to Section Four of this Catalog for details on the General Education and University Requirements.

Interactive Multimedia.........................................33 hours
Standard General Education program, excluding blocks II, IIIA, IVB, and VII (6 hours). Refer to Section Four of this Catalog for details on the General Education and University Requirements.

Computer Forensics and Security...........................................45 hours
Standard General Education program, excluding block II. Refer to Section Four of this Catalog for details on the General Education and University Requirements.

University Requirement........................................1 hour
ASO 100.

Free Electives......................................................44-18 hours
Computer Science (General).................................14-18 hours
Computer Technology..........................................6-7 hours
Bioinformatics..................................................9 hours
Interactive Multimedia.........................................11-12-4 hours
Computer Forensics and Security..............................9 hours
Total Curriculum Requirements..............................128 hours
**Curriculum Change Form**  
_(Present only one proposed curriculum change per form)_  
_(Complete only the section(s) applicable.)_

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**Department Name**  
Economics

**College**  
Arts & sciences

**Course Prefix & Number**  

**Course Title**  
(30 characters)

**Program Title**  

**Program Suspension (Part III)**  

*(Provide only the information relevant to the proposal.)*

**Proposal Approved by:**  

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

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

**A. 1. Specific action requested:**  
(Example: To increase the number of credit hours for ABC 100 from 1 to 2.)  
Add “or its equivalent” next to ECO 220 under Economics Core in current catalog

**A. 2. Effective date:**  
(Example: Fall 2001)  
Fall 2009 or as soon as possible

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

**B. The justification for this action:**  
To give students the option to use other available courses that are equivalent to ECO 220

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

**Personnel Impact:**  

**Operating Expenses Impact:**  

**Equipment/Physical Facility Needs:**  

**Library Resources:**  

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

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

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

<table>
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<th>New or Revised* Catalog Text</th>
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<tr>
<td>Baccalaureate Degrees</td>
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<tr>
<td>Economics (B.A.)</td>
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<td>CIP Code: 45.0601</td>
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Upon completion of a degree in Economics students will: 1) demonstrate a solid knowledge of modern microeconomic and macroeconomic theory; 2) demonstrate the capacity to apply their knowledge of economic theory to issues of public policy and to problems faced by decision makers in the private sector; 3) demonstrate the capacity to do empirical work in economics, including problem formulation, the retrieval and documentation of data, and statistical techniques; 4) demonstrate the capacity to communicate effectively with different audiences. Additionally, students will be prepared for careers in government and business. Recent graduates are employed in commercial and investment banking, insurance, sales, manufacturing, retailing, and all levels of government. In fact, the federal government hires more Economics students than any other major.

**Major Requirements** .......................................................33 hours
A minimum grade of “C” is required in all courses counted towards the major.

**Economics Core** ..........................................................21 hours
ECO 220 or its equivalent, 230, 231, 320, 330, 331, and 420.
Majors must select an option in General Economics, Applied Economics, International Economics, or Public Policy.
Curriculum Change Form
(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

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<td>Course Dropped (Part II)</td>
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<td>New Program (Part III)</td>
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Proposal Approved by:
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Is this a SACS Substantive Change? Yes**** No X

College Curriculum Committee | Date | General Council* | Date |
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General Education Committee* | N/A | Faculty Senate** |
| Teacher Education Committee* | N/A | Board of Regents** |
| | | Council on Postsecondary Edu.*** |

*If Applicable (Type NA if not applicable.)

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

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

****If “yes”, SACS must be notified before implementation. Please contact EKU’s Office of Institutional Effectiveness.

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

A. 1. Specific action requested: (Example: To increase the number of credit hours for ABC 100 from 1 to 2.)
To remove MGT 320, 330 and OHO 362G as requirements of Marketing BBA/PGM Option.

A. 2. Effective date: (Example: Fall 2001)
Spring 2010

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

B. The justification for this action:
To remove MGT 320, 330 and OHO 362G as requirements for the Marketing BBA/PGM Option to decrease the total number of hours required to complete the option from 137 to 130.

C. The projected cost (or savings) of this proposal is as follows:
Personnel Impact:
None

Operating Expenses Impact:
None

Equipment/Physical Facility Needs:
None

Library Resources:
None

MMAC 1
Part III. Recording Data for New, Revised, or Suspended Program

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

Marketing (B.B.A.)
CIP Code: 52.1401

University Requirement..................................................................................................................1 hour
BTO 100.

General Education Requirements........................................................................................................33-36 hours
Standard General Education program, excluding general education blocks II, VB, VC, and VII (QS). For Music Marketing Option, block IIIA is also excluded. Refer to Section Four of this Catalog for details on the General Education and University requirements.

College Requirement: Professional Skills Seminar
BTS 300 (CR) and BTS 400 (CR).

Supporting Course Requirements......................................................................................................15-18 hours
MAT 107 or 211; PSY 200 or 200W or SOC 131; ECO 230, 231; CIS 212 or CSC 104; MUS 272 (For Music Marketing Option).

Free Electives ........................................................................................................................................0-13 hours
May include 3 hours approved business electives. Upper Division electives may be required to meet the University 43 hour upper division requirement. (Music Marketing Option: recommend BEM 240, and other business courses as electives, up to 50% of program).

Business Requirements
Pre-Business Core...............................................................................................................................12 hours
A CC 201, 202; GBU 204; QMB 200.

Business Core........................................................................................................................................21 hours
CCT 300W, CIS 300, FIN 300, MGT 300, 370, MKT 300, GBU 480.

Major Requirements...........................................................................................................................27- 52 45 hours
Marketing Option.................................................................................................................................27 hours
MKT 350, 400, 455, MGT 340 and 15 hours of approved marketing electives above the core.

Music Marketing Option.......................................................................................................................30 hours
MUS 190 (2), 191 (2), 290 (2), 390 (3), 391 (3), MGT 340, and 15 hours from the following courses: MKT 304, 306, 310, 349, 400, 401, or MGT 330.

Professional Golf Management Option.............................................................................................52 45 hours

Approved Business Electives (Music and Marketing Majors only)..................................................3 hours
Total Curriculum Requirements............................................................................................................128- 137 130 hours
### Curriculum Change Form

(Present only one proposed curriculum change per form)

(Complete only the section(s) applicable.)

**Part I**

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<td>New Program (Part III)</td>
<td>(Major __, Option __; Minor __; or Certificate __)</td>
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**Proposal Approved by:**

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*If Applicable (Type NA if not applicable.)

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

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

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

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

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

1. Change name of major program from Industrial Technology to Applied Engineering Management
2. Change course prefixes of program from INT to AEM
3. Suspend the Industrial Distribution option.
4. Reduce requirement of four hours of cooperative study in technology (AEM 349) to one hour.
5. Drop two courses, AEM 238 and AEM 330, from the list of required courses and add a new four-credit course, AEM 338, to the list of required courses.
6. Add AEM 301 and 338 as required courses to the program core.
7. Add AEM 332 as a required course to the program core while dropping a three-credit elective.
8. Drop three credits of general electives from the program.

9. **Decrease number of hours in program from 128 to 120.**

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

Fall 2010

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

Suspend the Industrial Distribution option of the Industrial Technology (B.S.) as of Summer 2010.
B. The justification for this action:

1. The body that accredits the Industrial Technology program completed a year-long self-study in an effort to understand and better reflect changes in the field. As part of this effort, the organization determined that a name change was appropriate. The name has been changed from the "National Association of Industrial Technology" to the "Association of Technology, Management, and Applied Engineering." In keeping with the findings of the study, the Industrial Technology Curriculum Committee voted to change the name of the degree program to "Applied Engineering Management." The full faculty of the Department of Technology concurred.

2. A prefix change is recommended to bring it in line with the program name change.

3. The Industrial Technology Curriculum Committee voted to suspend the Industrial Distribution option due to low enrollments. The full faculty of the Department of Technology concurred.

4. The proposed change from a requirement of four hours of cooperative study in technology to one hour is based on the effort to reduce the overall program credit requirement from 128 to 120 credit hours. Most students exceed the required number of cooperative study hours in any case.

5. AEM 201 (Metallic Material Processes), AEM 238 (Industrial Materials), AEM 301 (Non-Metallic Material Processes), and AEM 330 (Dimensional Metrology) necessarily have some content overlap. The Industrial Technology Curriculum Committee believes that some of that overlap can be eliminated without loss of content coverage by developing a new four-credit course, AEM 338 (Engineered Materials Testing) and integrating the material from the AEM 238 and AEM 330 courses over the other three courses (AEM 201, AEM 301, and AEM 338). This results in a net reduction of two credits from the program total.

6. AEM 238, 301, and 330 were all required courses in the Manufacturing option, but were not identified as being in the core since they were not required by the Industrial Distribution option. Since that program has been recommended for suspension, AEM 301 can be moved to the core along with the replacement course (AEM 338) for the other two courses.

7. AEM 202 has been a difficult course for many students in the program due to the amount and nature of material covered. For that reason, there are proposed modifications to the required quality course, AEM 202, that would change the focus of the course from a primarily quantitative approach to one that addresses the key concepts behind the modern quality movement. The Industrial Advisory Committee has previously recommended that the quantitative requirements for quality control topics in the program not be reduced. In the past, there has been significant overlap in terms of quantitative topics between AEM 202 (Quality Control) and AEM 332 (Process Control and Auditing), so the addition of AEM 332 to the required core along with the elimination of a three-credit elective was the recommendation of the Industrial Technology Curriculum Committee.

8. The proposed reduction of three credits of general electives from the program is based on the effort to reduce the overall program credit requirement from 128 to 120 credit hours.

9. The reduction in total number of hours needed for completing the program from 128 to 120 will reduce the burden on students while still meeting accreditation requirements. The impact on the curriculum should be minimal given the proposed changes:
   a. Reduction in the cooperative study requirement from four credits to one credit (3 credit reduction).
   b. Replace one 3-credit elective course with AEM 332 as a required course for Industrial Technology majors (0 credit reduction).
   c. Drop AEM 238 and AEM 330 from the curriculum. Add a new 4-credit course, AEM 338 to the curriculum (2 credit reduction).
   d. Drop one 3-credit general elective course from the curriculum.

The reduction to 120 credit hours will encourage transfers from the Kentucky Community and Technical College System (KCTCS) in a streamlined 2+2 format.
C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact:
None

Operating Expenses Impact:
None

Equipment/Physical Facility Needs:
None

Library Resources:
None

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

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

New or Revised* Catalog Text
(*Use strikethrough for deletions and underlines for additions. Also include Crs. Prefix, No., and description, limited to 35 words.)
New or Revised* Program Text
(*Use strikethrough for deletions and underlines for additions.)

Applied Engineering Management Industrial Technology (Formerly Industrial Technology) (B.S.) Area Major

CIP Code: 15.0612

Prior to enrolling in the last 60 hours of the Applied Engineering Management Industrial Technology degree program students must complete INT 238, AEM 201, 202, TEC 161, 190, MAT 108, PHY 131, CHE 101, 107 (1) or CHE 111, 115 (1); and STA 215 or STA 270 or QMB 200 and have an overall 2.0 GPA and 2.25 major GPA. Graduates must have an overall GPA of 2.25 in the major with no major grade below a “C-”. Transfer students will be treated on an individual basis. The Applied Engineering Management Industrial Technology program is accredited by the Association of Technology, Management, and Applied Engineering.

University Requirement……………………………1 hour
BTO 100.

General Education Requirements…………………30 hours
Standard General Education program, excluding blocks II, IVB, VB, VII (3 hours), and VIII (6 hours). Refer to Section Four of this Catalog for details on the General Education and University requirements.

College Requirement: Professional Skills Seminar
BTS 300 (CR) and BTS 400 (CR).

Supporting Course Requirements for Industrial Distribution……………………………………42 hours
ECO 230, MAT 108, 211 or 261, or 4 hours of higher level MAT courses; STA 215 or 270 or QMB 200 (credits included in GenEd VII); CHE 101, CHE 107 (1) or CHE 111, 115 (1); PHY 131 (5); ACC 201, ACC 202, GBU 201, GBU 204, MKT 300, select two courses from CCT 300, CIS 300, FIN 300, MGT 300.

Supporting Course Requirements for Manufacturing………………………………………………22-28 hours
ECO 230, CON 420 or ECO 300; MAT 108, 211 or 261 (or six hours of higher level MAT courses); PHY 131 (5); CHE 101, CHE 107 (1) or CHE 111, CHE 115 (1); STA 215 or 270 or QMB 200 (credits included in GenEd VII); INT 434 (1)

Major Requirements…………………………….46-48 hours
Applied Engineering Management Industrial Technology Core:
ECO 230, AEM 201, 202, 301, 308, 310, 332, 338 (4), 352, 371, 406, 408, 499; TEC 161, 190.
Major must select an option in Industrial Distribution or Manufacturing.

Options:

Industrial Distribution……………………………18 hours
INT 200, 320, 400, MKT 312 or 401.
Select 3 hours of Upper Division technical electives from:
EET 351, INT 322, 336, 349, TEC 313.

Applied Engineering Management electives Manufacturing……………………………………15-24 hours
INT 238, 301, 330.
Select 3 technical hours from:
EET 252, AEM 192, 195; GCM 211.
Select 12 hours of Upper Division technical electives from:
EET 350, 351, 452; NET 440; CON 303; AEM 320, 332, 336, 383, 390, 392, 397, 506, 530; TEC 313.

Free Electives (Industrial Distribution Option)………1 hour

Free Electives (Manufacturing Option)…………6-9 hours

Total Curriculum Requirements………………….120-128 hours

The Department of Technology’s Applied Engineering Management Industrial Technology degree program (Manufacturing Option) has an articulation agreement for transfer of credit and cooperation with Bluegrass Community and Technical College (formerly Lexington Community College) Associate in Applied Science Degree in Engineering Technology with Electrical Specialization. In addition, the Department of Technology’s Applied Engineering Management Industrial Technology degree program (Manufacturing Option) has an articulation agreement for transfer of credit and cooperation with Bluegrass Community and Technical College (formerly Central Kentucky Technical College) and Somerset Community and Technical College’s Associate of Applied Science in General Occupational/Technical Studies including the areas of Machine Tool Technology, Industrial Maintenance, Industrial Electronics and Computer Aided Drafting. Students must take an assessment examination before graduation. An exam fee is required.

Transfer students (Manufacturing Option) with an associate degree in an industrial related field may not need to take these 12 hours of electives if upper division requirement can be completed.

* Applied Engineering Management Industrial Technology majors may apply AEM 310 in lieu of CCT 300 toward the minor in Business.

Incorporates a Business Minor into the Industrial Distribution Option.
## Curriculum Change Form
(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

### Part I

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*Provide only the information relevant to the proposal.

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**Is this a SACS Substantive Change?**

- Yes****
- No ✔

**College Curriculum Committee**

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**Teacher Education Committee**

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**Council on Postsecondary Edu.***

*If Applicable (Type NA if not applicable.)

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

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

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

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

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

1. Change prefixes for networking and security related courses in the Computer Electronics and Digital Imaging Design option from "EET," to "NET."
2. Expand selection of Computer Science classes beyond CSC 160 (Intro. to programming) to include three hours of higher level computer science courses, not restricted to CSC 177 (Visual Basic).
3. Expand selection of general education physical science laboratory courses to include PHY 101 (Conceptual physics) courses in standard general education block IVB, not restricted to PHY 131 (College Physics I).
4. Drop EET254 as a requirement for the option and include NET 354 (Microcomputer & network security) formerly EET 354, as a required class.
5. Offer a selection between EET 351 (Programmable Logic Controllers), or NET 395 (Special Topics in NET) formerly EET 395.
6. Reduce the total number of hours in the Computer Electronics option from 44 to 39-40.
7. Change INT prefixes to AEM.
8. Drop INT 238 and 330 from the Quality Assurance option, and add AEM 338 (4) to the option.
9. Add CMS 210 (Public Speaking) as an alternate course to CMS 100 in all AAS degree options.

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

Fall 2010

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

N/A
B. The justification for this action:

1. Following discussions in both the Computer Electronics curriculum committee and the advisory committees, the unanimous recommendation was to change the prefixes major courses for emphasizing the future direction of the major. The “NET,” prefix change for classes related to computer networking and security reflects this, while retaining the EET prefix for electricity and electronics related major courses.

2. Three hours of CSC160 or a higher level computer science course will provide students with greater flexibility in course selection, and ease transfer course work.

3. Expanding the selection of physical laboratory sciences to include a range of Physics courses based on the recommendation of the departmental curriculum and advisory committees. The Association of Technology, Management, and Applied Engineering (ATMAE), formerly National Association of Industrial Technology (NAIT) accreditation guidelines specify 3 or more hours of physical sciences - Physics, Chemistry, etc. Students in major will benefit by taking physical laboratory science courses including Physics (PHY 101) for developing an understanding of the physical world.

4. The essentials of microcontroller hardware and programming covered in EET 254 will be migrated into EET 253 (Microprocessor Systems) whose course description is being revised to reflect these changes. The integration of the microprocessor and microcontroller courses will enable students to learn about real-time control using embedded controllers and mechatronics. Program accreditation will be unaffected by this change.

5. The automation and control related course EET 351 will serve as a technical elective along with computer and network security course EET 354. Students entering computer electronics and technology related fields often work in fields related to either of these specialized areas. Including computer security concepts in the curriculum has been strongly supported by the computer electronics program advisory and curriculum committees.

6. Dropping EET 254 from the Computer Electronics option, and permitting an expanded selection of physical laboratory science courses from Gen Ed IVB, will reduce the total hours required by the option.


8. The course AEM 338(Engineered Materials) Testing will consist primarily of material from INT [AEM] 238 (minus plastics testing) and the core of metrology (lab content) of INT [AEM] 330 with syllabus.

9. General education Block IC includes both CMS 100 (Intro. to Human Communication) and CMS210 (Public Speaking).

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

Personnel Impact:
None

Operating Expenses Impact:
None

Equipment/Physical Facility Needs:
None

Library Resources:
None
Part III. Recording Data for New, Revised, or Suspended Program

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

<table>
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<tr>
<th>New or Revised* Program Text</th>
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<tbody>
<tr>
<td>(*Use <em>strike through</em> for deletions and <em>underlines</em> for additions.)</td>
</tr>
</tbody>
</table>

**Technology (A.A.S.)**
CIP Code: 15.0612

<table>
<thead>
<tr>
<th>University Requirement</th>
<th>................................................................. 1 hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>BTO 100.</td>
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<table>
<thead>
<tr>
<th>General Education Requirements</th>
<th>........................................................................ 18 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101 and 102 or 105 (6 hours); MAT 107 or higher (3 hours); humanities (3 hours); ECO 230 (3 hours); CMS 100 or 210 (3 hours).</td>
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<thead>
<tr>
<th>Option Requirements</th>
<th>........................................................................ 39-44 37-41 hours</th>
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<tr>
<th>Computer Aided Drafting (41 hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CON 303; INT AEM 102, 195, 201, 330, 383, 390, 392, 397; MAT 108; PHY 131 (5); TEC 161, 190.</td>
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</table>

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<thead>
<tr>
<th>Computer Electronics (44 39 hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSC 160 or 477 higher; EET 251, 252, 253, 254, 257, NET 302, 303, 343, (EET 351 or NET 354), 399; MAT 108; PHY 131 (5) (PHY 101) in general education block IVB; TEC 161.</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Digital Imaging Design (40 hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 100 or 152; CHE 101, 107 (1); CSC 160; EET NET 303; GCM 211, 217, 316, 317, 319; TEC 161, 255, 313, 355.</td>
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</tbody>
</table>

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<tr>
<th>Quality Assurance (39-40 37-38 hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHE 101, 107 (1) or CHE 111, 115 (1); EET 251; INT AEM 201, 202, 238, 301, 330, 332, 336, 338(4); MAT 108; QMB 200 or STA 215 or 270; TEC 161, 190.</td>
</tr>
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</table>

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<tr>
<th>Free Electives</th>
<th>........................................................................ 1-6 8 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Curriculum Requirements</td>
<td>........................................................................ 64 hours</td>
</tr>
</tbody>
</table>

Students must take an assessment examination before graduation.
**Curriculum Change Form**
*(Present only one proposed curriculum change per form)*

*(Complete only the section(s) applicable.)*

### Part I

(Choose one)

- **New Course (Parts II, IV)**
- **Course Revision (Parts II, IV)**
- **Hybrid Course ("S," "W")**
- **Course Dropped (Part II)**
- **New Program (Part III)**
- **Program Revision (Part III)**
- **Program Suspended (Part III)**

**Department Name**: Special Education

**College**: Education

**Course Prefix & Number**: ______

**Course Title**: (30 characters) ______

**Program Title**: Director of Special Education Alternate Certification Program

- **Major**: ___, **Option**: ___, **Minor**: ___, **Certificate**: X

**Proposal Approved by**: Departmental Committee 5/5/2009

**Graduate Council**: 10/30/09

**Council on Academic Affairs**: 10/30/09

**College Curriculum Committee**: 9/1/09

**Approved**: x **Disapproved**: ___

**General Education Committee**: 11/19/09

**Teacher Education Committee**: 9/22/09

**Approved**: x **Disapproved**: ___

**Faculty Senate**: ___

**Board of Regents**: ___

**Council on Postsecondary Edu.**: ___

---

**Is this a SACS Substantive Change?** Yes**** No X

---

*If Applicable (Type NA if not applicable.)

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

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

****If “yes”, SACS must be notified before implementation. Please contact EKU’s Office of Institutional Effectiveness.

---

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

**A. Specific action requested:**

Suspend the Director of Special Education Program Alternate Certification. The Education Professional Standards Board has requested this formal action to eliminate the program from their books. EKU has a Director of Special Education program that leads to certification in the field but not an alternative certification DoSE Program. **Please note that we only want to suspend the Alternative Certification Director of Special Education Program, and not the traditional Director of Special Education Program.**

**A. Effective date:**

Fall 2010

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

One enrolled. This student will be allowed to continue in the program until completion because the coursework she needs to complete the program is offered as part of our normal course offerings.

**B. The justification for this action:**

The state department of education has us on record as offering this program as an alternative certification program. With only one student enrolled in the past 10 years, we would like to suspend the program and maintain the existing Director of Special Education Program.

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

**Personnel Impact:** none

**Operating Expenses Impact:** none
Part II. Recording Data for New, Revised, or Dropped Course

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

<p>| | |</p>
<table>
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<tr>
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<tbody>
<tr>
<td>40.</td>
<td>For a new course, provide the catalog text.</td>
</tr>
<tr>
<td>41.</td>
<td>For a revised course, provide the current catalog text with the proposed text using <strong>strikethrough</strong> for deletions and <strong>underlines</strong> for additions.</td>
</tr>
<tr>
<td>42.</td>
<td>For a dropped course, provide the current catalog text.</td>
</tr>
</tbody>
</table>

New or Revised* Catalog Text

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

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

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New or Revised* Program Text

(*Use **strikethrough** for deletions and **underlines** for additions.)

Professional Certificate for Director of Special Education

The prerequisites for admission to the program for the Professional Certificate for Director of Special Education are:

(a) a valid Kentucky certificate for teachers of exceptional children (including speech-language pathologists) or for school psychologists
(b) three years of experience as a full-time teacher of exceptional children or speech-language pathologist and/or three years of experience as a full-time school psychologist
(c) a minimum of a master's degree or planned fifth-year program.

**Prerequisite Courses** .................................................. 12 hours

*The following or equivalent courses at the undergraduate or graduate level:
- SED 775 or 800, SED 790 (either SED 356, 793, 804, 806 or 809), 886.

**Required Courses** ......................................................... 15 hours

- SED 810, 814, 816 (six hours), EAD 801.

For the Professional Certificate for Director of Special Education, candidates must enroll in SED 816 within three years of completing SED 810 and 814.

All required courses (EAD 801, SED 810, 814, and 816) must be completed within five years.
Curriculum Change Form
(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

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<tr>
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<tr>
<td>Course Revision (Parts II, IV)</td>
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<tr>
<td>Hybrid Course (‘S,’ ‘W’)</td>
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<tr>
<td>Course Dropped (Part II)</td>
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<tr>
<td>New Program (Part III)</td>
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</tbody>
</table>
| Program Revision (Part III) | (Major X, Option ____; Minor ____; or Certificate ____)

X Program Suspended (Part III) | *Provide only the information relevant to the proposal.

Proposal Approved by: | Date | Date |
<table>
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<td>Departmental Committee</td>
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<td>Graduate Council*</td>
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<tr>
<td><strong>Is this a SACS Substantive Change?</strong></td>
<td>Yes****</td>
<td>No</td>
</tr>
<tr>
<td>College Curriculum Committee</td>
<td>9/1/09</td>
<td>Council on Academic Affairs</td>
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<td>Approved x Disapproved</td>
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<td>Faculty Senate**</td>
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<td></td>
<td></td>
<td>Board of Regents**</td>
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<tr>
<td></td>
<td></td>
<td>Council on Postsecondary Edu.***</td>
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*If Applicable (Type NA if not applicable.)
**Approval needed for new, revised, or suspended programs
***Approval/Posting needed for new degree program or certificate program
****If “yes”, SACS must be notified before implementation. Please contact EKU’s Office of Institutional Effectiveness.

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

A. **Specific action requested:** (Example: To increase the number of credit hours for ABC 100 from 1 to 2.)
Suspend Master of Arts in Education Program/Alternative Learning and Behavior Disorders Initial Certification Program.

A. **Effective date:** (Example: Fall 2001)
Fall, 2010

A. **Effective date of suspended programs for currently enrolled students:** (if applicable)
Spring, 2009

B. **The justification for this action:**
Currently the number of students in the program is not adequate for continuation. Enrollment has declined every year since the inception of the program and graduates cannot find teaching positions. Therefore students are not applying to the program.

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

Personnel Impact: None

**Operating Expenses Impact:** Suspending this program will result in approximately 4 courses college-wide per year that will not need to be offered, for an operational savings.

Equipment/Physical Facility Needs: None

Library Resources: None
Part II. Recording Data for New, Revised, or Dropped Course
(For a new required course, complete a separate request for the appropriate program revisions.)

43. For a new course, provide the catalog text.
44. For a revised course, provide the current catalog text with the proposed text using strikethrough for deletions and underlines for additions.
45. For a dropped course, provide the current catalog text.

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

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

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

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

MASTER OF ARTS IN EDUCATION
Alternative Learning & Behavior Disorders
Initial Certification Option

CRITERIA/PROCEDURES FOR ADMISSION
Students seeking admission to the program must:
1. Submit an application to the Graduate School indicating a bachelor’s degree including all transcripts from accredited colleges attended except Eastern Kentucky University.
2. Provide evidence of the following prior to being accepted into the program:
   a. Master’s degree OR 3.0 overall GPA OR 3.0 on the last 60 hours of coursework.
   b. Acceptable Graduate School Admission exams by one of the following:
      GRE 450 verbal and 350 quantitative* OR a combined score of 800 OR GPA of 2.75 and composite GPA x GRE = minimum 3300.
      Miller’s Analogies Exam 36.
   c. A professional resume.
   d. An autobiography documenting relevant life/work/educational experience.
   e. Three letters of reference.
   f. Complete two written disposition assignments given by the department.
   g. An interview arranged by the Special Education Department.

CURRICULUM REQUIREMENTS
Program Requirements.............................. 49 hours
Special Education Core.................................. 34 hours
SED 745, 775, 776, 778, 790, 791, 793, 807, 856, 886, 897.
Professional Education Core.......................... 15 hours
EGC 820, ELE 871, EMF 843, 872, EMG 806.