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>Computer Science</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Course (Parts II, IV)</td>
<td>College</td>
<td>Arts &amp; Sciences</td>
</tr>
<tr>
<td>___ Course Revision (Parts II, IV)</td>
<td>_____________</td>
<td>_____________</td>
</tr>
<tr>
<td>Hybrid Course (&quot;S&quot;, &quot;W&quot;)</td>
<td>_____________</td>
<td>_____________</td>
</tr>
<tr>
<td>Course Dropped (Part II)</td>
<td>_____________</td>
<td>_____________</td>
</tr>
<tr>
<td>New Program (Part III)</td>
<td>_____________</td>
<td>_____________</td>
</tr>
<tr>
<td>Program Revision (Part III)</td>
<td><em>Provide only the information relevant to the proposal.</em></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>College</th>
<th>Arts &amp; Sciences</th>
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<table>
<thead>
<tr>
<th>Program Title</th>
<th>Computer Science: Interactive Multimedia</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Major ____, Option ____, Minor ____, or Certificate ____)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Proposal Approved by:</th>
<th>Date</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Departmental Committee</td>
<td>10/2/09</td>
<td>Graduate Council*</td>
</tr>
<tr>
<td>College Curriculum Committee</td>
<td>n/a</td>
<td>Council on Academic Affairs</td>
</tr>
<tr>
<td>General Education Committee*</td>
<td>n/a</td>
<td>Approved \x Disapproved ___</td>
</tr>
<tr>
<td>Teacher Education Committee*</td>
<td>n/a</td>
<td>Faculty Senate**</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Board of Regents**</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Council on Postsecondary Edu.***</td>
</tr>
</tbody>
</table>

*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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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.)

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.

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

Fall 2010

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

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**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.

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

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

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

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

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

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

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

Major Requirements.................................................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 120, 140, 250, 309, 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.
### 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
14-18 hours
- Computer Science (General)
- Computer Technology
- Bioinformatics
- Interactive Multimedia
- Computer Forensics and Security

### Total Curriculum Requirements
128 hours