Multimedia and Creative Technologies Minor Application
USC Viterbi School of Engineering

Description: A minor in multimedia and creative technologies is available to undergraduate students majoring in electrical engineering, computer engineering/computer science, computer science, and other engineering students who have sufficient background for the required and elective courses. This minor provides students with the skills necessary to compete in the multimedia industry. Students must apply to the USC Viterbi School of Engineering (OHE 106) for the minor and departmental approval will be required. Students must have completed at least one semester of USC course work and be in good academic standing. See reverse for specific requirements for completion of the minor.

Criteria: Applicants must have completed at least one semester of USC coursework and be in good academic standing overall to be approved.

Requirements for consideration: (all documents must be submitted together)
1. Completed application form with advisor signature.
2. An unofficial copy of USC transcript or STARS report
3. If you have completed any transfer work, attach a copy of the transfer credit statement, or transcript

Courses Required of Completion:

Students must take at least 16 units, which are unique to the minor (i.e., not required to fulfill the major, another minor or general education requirement).

*TOTAL UNITS REQUIRED FOR COMPLETION OF THE MINOR: 19 units
(Total units including ALL prerequisite courses: 38-49 units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
<th>Offered**</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTPR 405*</td>
<td>4</td>
<td>Fall</td>
<td>Filmic Expression*</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(Prerequisite: CTPR 310, 376)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>*Pre-reqs waived for engineering students in the minor</td>
</tr>
<tr>
<td>CSCI 351</td>
<td>3</td>
<td>Spring</td>
<td>Programming and Multimedia on the World Wide Web</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(Prerequisite: CSCI 101, 102, 201)</td>
</tr>
<tr>
<td>EE 321 OR EE 469</td>
<td>3</td>
<td>See Department</td>
<td>Introduction to Integrated Media Systems (Corequisite: ITP 411)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Introduction to Digital Media Engineering (Prerequisite: EE 301a or 321; EE 364 or Math 407)</td>
</tr>
<tr>
<td>ITP 411x</td>
<td>3</td>
<td>Fall/Spring/ Summer</td>
<td>Interactive Multimedia Production (Co-requisite to EE 321; prerequisite: proficiency in object-oriented programming)</td>
</tr>
</tbody>
</table>

Core Courses (13 units)

Choose one course:

<table>
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<th>Units</th>
<th>Offered**</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE 450</td>
<td>3</td>
<td>See Department</td>
<td>Introduction to Computer Networks (Prerequisite: junior standing)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td>Computer Graphics (Prerequisite: CSCI 101, 102)</td>
</tr>
<tr>
<td>CSCI 480</td>
<td>3</td>
<td>Fall/Spring</td>
<td></td>
</tr>
</tbody>
</table>

And a minimum of three units from the following:

<table>
<thead>
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<th>Offered**</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTAN 452</td>
<td>2</td>
<td>Spring</td>
<td>Introduction to Computer Animation (Prerequisite: departmental approval)</td>
</tr>
<tr>
<td>CTIN 483 (previously CNTV)</td>
<td>4</td>
<td>Fall/Spring/ Summer</td>
<td>Programming for Interactivity</td>
</tr>
<tr>
<td>FA 310</td>
<td>4</td>
<td>Fall/Spring</td>
<td>Matrix Lab: Introduction to Computer Imaging in the Arts (Prerequisite: FA 210)</td>
</tr>
<tr>
<td>FA 336</td>
<td>4</td>
<td>Spring</td>
<td>Visual Arts and Technology</td>
</tr>
<tr>
<td>FA 410</td>
<td>4</td>
<td>Fall/Spring</td>
<td>Matrix Lab: Topics in Computer Imaging in the Arts (Prerequisite: FA 310)</td>
</tr>
<tr>
<td>MUEA 474abx</td>
<td>2-4</td>
<td>Fall/Spring</td>
<td>Electronic Synthesizer Techniques</td>
</tr>
</tbody>
</table>

Advisor Approved Electives (6 units minimum)

If you have any questions, contact the Viterbi Admission and Student Affairs Office in OHE 106, (213)-740-4530 or via email at engrstaf@usc.edu

Updated: 4/21/2004
Multimedia and Creative Technologies Minor Application  
USC Viterbi School of Engineering

Name___________________________________________   ID #  _______________________________

Last                                          First                                   M.I.

Local Address_________________________________________________________________________

Number         Street                                            Apt/Unit#       City                               State                    Zip

E-mail Address________________________          Telephone  (      )_________________________

Birthdate____ / ____ / ____

Gender  M___  F___

Ethnicity(Optional)______________________

First Semester at USC_____________________

Semester Applying for:     Spring:____     Fall:____

Current Major (i.e. ARCH):__________     FR___   SO___   JR___   SR___

Courses in Progress Towards Minor (include number of units)

________________________________ ______________________________

________________________________ ______________________________

________________________________ ______________________________

Educational History

List in chronological order, every college you have attended or are now attending (including USC)

Name of all colleges and universities attended Location (city & state)         Dates

1.___________________________________________________________________________________

2.___________________________________________________________________________________

3.___________________________________________________________________________________

Certification (must be signed by applicant).

I certify that I have read the application, that the information given on this application is complete and
correct to the best of my knowledge, and that I have attended no institutions other than those listed.  I
understand that I am responsible for obtaining all necessary materials including transcript of records of
schools I attended and that such transcripts become the property of the university and are not returnable to
me.  Falsification of application is grounds for dismissal.  I have also read and understood the University
guidelines for minors which are listed under the Academic Policy section of the University catalogue and
within this application.

_________________________________________           _____________
Student Signature                                              Date

_________________________________________
Advisor Name (Print)

_________________________________________
Advisor Signature                                       Date
Minor Guidelines

The following guidelines apply to minor programs:

1. Minor programs are available to students matriculated in an undergraduate degree program and must be completed simultaneously with the major degree program.

2. Minors constituted of course work from a single department may not be earned by students majoring in that department.

3. Students may take an interdepartmental minor in which their major unit participates as long as at least four courses (at least 16 units) required for the minor are not courses offered by the major.

4. Students must take at least four courses (at least 16 units) which are unique to the minor (i.e., not required to fulfill the major, another minor or general education requirements).

5. All upper-division course work required for the minor must be taken at USC.

6. Departments at their discretion may substitute no more than 25 percent of the required units defined in the catalogue for a given minor program. Substitution of courses with the same departmental prefix are exempted. Lower division courses cannot be substituted for upper division course requirements.

7. Departments at their discretion may waive no more than 4 units for minor programs with 17 to 20 units or no more than 8 units for minor programs with more than 20 units for each student. The number of units unique to the minor after any departmental waivers or substitutions must total at least 16 units.

8. No course work required for the minor may be taken on a Pass/No Pass basis.

9. A minimum cumulative 2.0 GPA must be achieved in all courses required for the minor. A higher minimum may be required by the sponsoring department unit.

10. Students whose major degree programs do not include a language requirement need not satisfy that requirement to earn a minor from the College of Letters, Arts, and Sciences or a professional school that has a language requirement unless the minor specifically requires the language.

11. Completion of the minor program will be recorded on the transcript.

Source: USC Catalogue 2003-2004