Digital Media Technologies, Minor

The Digital Media Technologies Minor is an interdisciplinary minor offered through the Department of Media Studies and Production (MSP) within the Lew Klein College of Media and Communication and the Department of Computer and Information Sciences (CIS) within the College of Science and Technology. This minor is designed to expand students’ knowledge of the information age and enable them to share communications over the internet using fast evolving, emerging technologies.

The minor is available to undergraduate students in Media Studies and Production, Computer & Information Science, as well as other departments and colleges. Upon completion of the minor, students should be able to demonstrate the following competencies:

- Use technology to integrate internet content with computers and mobile devices.
- Design and implement content for various digital media, utilizing database technologies.
- Critically analyze decisions made regarding the use of technology, specifically in the social and ethical domains.
- Understand the impact of current and emerging technologies on communications, both locally and globally.
- Create effective written communications make professional presentations.
- Analyze and solve problems efficiently.

Transfer credits are not accepted for credit for the minor.

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Minor Requirements

- Students with a GPA of 2.00 or more may declare this minor by contacting either CST advising (215-204-2890) or Klein advising (215-204-5273). See additional Grade Requirements below.
- Three (3) of the Digital Media Technologies minor courses must be distinct from the student's major. Students should see their CST or Klein advisor for course substitutions.
- Students without a CIS background should begin their CIS courses in their Junior year or earlier.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSP 1701</td>
<td>Introduction to Media Technology</td>
<td>3-4</td>
</tr>
<tr>
<td>MSP 2701</td>
<td>Introduction to Media Production</td>
<td></td>
</tr>
<tr>
<td>MSP 2751</td>
<td>Audio for Media</td>
<td>1</td>
</tr>
<tr>
<td>MSP 2741</td>
<td>Introduction to Internet Studies and Web Authoring</td>
<td>3</td>
</tr>
</tbody>
</table>

Two Required CIS Courses:

Select two courses from the following: 8

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>CIS 1052</td>
<td>Introduction to Web Technology and Programming 2</td>
</tr>
<tr>
<td>CIS 1056</td>
<td>Advanced Web Technology and Programming 2</td>
</tr>
<tr>
<td>CIS 2305</td>
<td>Mobile Computing Technologies 1</td>
</tr>
<tr>
<td>CIS 3308</td>
<td>Web Application Programming 1</td>
</tr>
<tr>
<td>CIS 3342</td>
<td>Server-Side Web Application Development 1</td>
</tr>
<tr>
<td>CIS 3344</td>
<td>Client-Side Scripting for the Web 1</td>
</tr>
<tr>
<td>CIS 3515</td>
<td>Introduction to Mobile Application Development 1</td>
</tr>
</tbody>
</table>

Two Electives:
One CST course and one MSP course are required for non-MSP and non-CIS majors. However, MSP students may choose two CST electives instead and CIS students may choose two MSP electives instead.

Select two courses from the following:

<table>
<thead>
<tr>
<th>MSP Elective Options</th>
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<tbody>
<tr>
<td>MSP 4741 Emergent Media Production</td>
</tr>
<tr>
<td>MSP 4221 Information Technology Policy¹</td>
</tr>
<tr>
<td>MSP 4252 Law and Ethics of Digital Media</td>
</tr>
<tr>
<td>MSP 4541 Mobile Media</td>
</tr>
<tr>
<td>MSP 4614 Creating a Media Business</td>
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</tbody>
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<thead>
<tr>
<th>CIS Elective Options</th>
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<tbody>
<tr>
<td>BIOL 3333 Advanced Techniques in Microscopy¹</td>
</tr>
<tr>
<td>CIS 2305 Mobile Computing Technologies¹</td>
</tr>
<tr>
<td>any other CIS 2000+ level course¹</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Total Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>21-24</td>
</tr>
</tbody>
</table>

¹ This course requires additional prerequisites outside of the Digital Media Technology Minor coursework.
² This course cannot count for COLLEGE credit for students who have already successfully completed CIS 2168.

**Elective Requirements**

- All prerequisites must be completed to enroll in minor courses or permission from both the faculty advisor and instructor must be obtained prior to registration.

**Grade Requirements**

- Minor credit is not given for grades below C-.
- Students must maintain at least a 2.00 grade point average in the program to successfully complete this minor.

**Residency Requirements**

At least 4 courses required for the minor must be completed at Temple. At least 2 CIS courses and at least 2 MSP courses must be completed at Temple.