SKILLS AND PERSPECTIVES FOR THE DIGITAL WORLD COGNATE

https://ceps.unh.edu/computer-science/program/cognate/skills-perspectives-digital-world

Description

The Cognate in Skills and Perspectives for the Digital World is designed so that students both engage with and reflect on the technology associated with the digital world. The curriculum consists of three courses: one to strengthen understanding of the technologies that drive the World Wide Web, one course to explore computer programming, and one course to consider the impact of the technologies on society.

The Cognate will provide students with a foundation for the development of technical and critical skills aligned with one of the 21st century’s defining areas: information technology. For example, a recent statement by GE’s CEO asserts that if you join the company today, as opposed to 20 years ago, you’re going to learn to code even though you may be in sales, finance or operations. This Cognate gives students and future employees a fundamental introduction into technologies that are necessary for high functioning in today’s world, both in the workplace and beyond.

Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>IT 403</td>
<td>Introduction to Internet Technologies</td>
<td>4</td>
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<tr>
<td>CS 405</td>
<td>Introduction to Applications Programming</td>
<td></td>
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<tr>
<td>CS 410</td>
<td>Introduction to Scientific Programming</td>
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<td>CS 414</td>
<td>From Problems to Algorithms to Programs</td>
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<tr>
<td>ANTH #508</td>
<td>Anthropology of Internet</td>
<td>4</td>
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<tr>
<td>WS 444D</td>
<td>Cyborgs, Avatars, and Feminists: Gender in the Virtual World</td>
<td></td>
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<tr>
<td>CS 408</td>
<td>Living in a Networked World: The Good, the Bad, and the Ugly</td>
<td></td>
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<tr>
<td>ENGL 415E</td>
<td>Literature and Cyberculture</td>
<td></td>
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<tr>
<td><strong>Total Credits</strong></td>
<td></td>
<td><strong>12</strong></td>
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Credit toward the cognate will only be given for courses passed with C- or better, and a 2.00 grade-point average must be maintained in courses for the cognate. Courses taken on the pass/fail basis may not be used for the cognate.