IT Technical Electives

- IT&C 327 Digital Communications
- IT&C 410 Advanced Web Technologies
- IT&C 441 Embedded Computer Systems
- IT&C 450 Database Administration
- IT&C 492R Special Problems in IT&C
- IT&C 515R Special Topics in IT&C
- IT&C 529 Advanced Networking
- IT&C 544 System Administration
- IT&C 548 Cyber-Physical Systems
- IT&C 555 Advanced Human-Computer Interaction
- IT&C 566 Digital Forensics
- IT&C 567 Cyber Security & Penetration Testing

Other courses may be approved by petition. The course must meet certain requirements to be eligible for consideration as an IT technical elective.

The course must:
- teach at least 70% new material from courses taught by the IT&C program
- and have 70% of the content related to:
  - the tasks, knowledge, skills, or abilities defined as Essential or Supplemental in the current IT Model Curriculum (presently the 2017 version, p. 50, 51).
- be 300 or higher level class

200 Hours of Work Experience

IT&C 447 includes the requirement of 200 hours of approved IT&C work experience (any paid experience involving any of the IT&C domains of computing, which include networking, human-computer interaction, databases, web systems, programming, cybersecurity, and computer application domains).

sot.byu.edu/it-c-work-experience

Common Equivalents

Substitutions do not happen automatically. Please see advisement office.

<table>
<thead>
<tr>
<th>IT&amp;C 101</th>
<th>IS 110, 201, &amp; 303 (all 3 courses)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT&amp;C 124</td>
<td>ECEN 220</td>
</tr>
<tr>
<td>IT&amp;C 252</td>
<td>CS 224</td>
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<tr>
<td>STAT 201</td>
<td>STAT 121, with a grade of B- or higher. AP credit will not substitute.</td>
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