## Professional Elective Courses - Construction Engineering Technology

<table>
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<tr>
<th>Semester</th>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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**ARCH 331**
Environmental Control I

**ARCH 332**
Environmental Control II

**BFIN 322**
Business Finance (BUS 351)

**BFIN 420**
Investments (FIN 455)

**BMGT 322**
Operations Management (BUS 331)

**BMGT 335**
Management & Organization (BUS 301)

**BMGT 329**
Human Resource Management (MGMT 403)

**BMGT 410**
Sustainable Business Practices

**BMGT 464**
International Management (MGMT 464)

**ECIV 309**
Building Information Modeling in Construction

**ECIV 350**
Transportation Engineering (CE 350)

**ECNS 309**
Managerial Economics

**EGEN 324**
Applied Thermodynamics (ME 324)

**EIND 313**
Work Design & Analysis (I&ME 313)

**EIND 425**
Technical Entrepreneurship (I&ME 425)

**EIND 434**
Project & Engineering Management (I&ME 434)

**SRVY 355**
Surveying Calculations (CE 363)

**SRVY 361**
Introduction to Legal Principles in Surveying (CE 361)

**SRVY 362**
Public Land Survey Systems (CE 362)

**SRVY 375**
Analytical Photogrammetry (CE 463)

**SRVY 474**
Project Design in Surveying (CE 464)

**Internship Electives (Minimum 2 Credits Required – Maximum 4 Credits Total)**

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<th>1.4 Internship Required</th>
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<td>1.2 EECET 498 Career Internship Renewable Energy (CE 464)</td>
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**RULES:**

- Total Professional Electives Required = 7 Credits (Professional Elective Credits + Internship Credits)
- A maximum of two hours may be included from a completed MSU minor, a prior or concurrent BS/BA degree in another major, or courses in a completed MSU Honors Program.
- A maximum of 2.0 credits may be included from a completed MSU minor, a prior or concurrent BS/BA degree major.
- Student may petition to include other senior (400-level) or graduate (500-level) course consistent with the degree program but not listed here (requires Academic Adviser and Department Head approval).

**2.0 CORE REQUIREMENTS – UNIVERSITY & COLLEGE OF ENGINEERING/CE**

University CORE requirements include Humanities Inquiry - IH (3 credits), Social Sciences Inquiry - IS (3 credits), Arts Inquiry - IA (3 credits), and Diversity - D (3 credits). University 2.0 Core requirements for Contemporary Issues in Science (CS) and Natural Sciences (IN) and Department requirements are met by completing CHMY 121-IN and PHSX 205. See the complete list here: [University 2.0 Core Requirements](http://www.msu.edu).