### CET 20-21 Catalog

**Construction Engineering Technology Program**

**Math Level 5: M 165Q Start**

#### 1st Year
- Fall: Intro to General Chemistry (CHMY-121)
- Fall: Calc for Technology I (M-165Q)
- Spring: Eng Science (ETCC 204)
- Spring: Seminar (WRIT 101W)

#### 2nd Year
- Fall: Core AHD
- Fall: Core AHD
- Spring: Core AHD
- Spring: Core AHD

#### 3rd Year
- Fall: Core AHD
- Spring: Core AHD
- Summer: Internship
- Fall: Internship

#### 4th Year
- Fall: Internship
- Spring: Internship

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**PROFESSIONAL ELECTIVE COURSES – SEE BACK OF FLOW CHART**

**Semester:** Choose one:
- US 101IE
- CIS 101IE
- CMSC 1115S
- HIS 2011S

**First Writing:** Choose one:
- WRIT 201, WRIT 221, HIS 202

**Basic Science Electives:** Choose one
- ERTH 101 (F.4)
- Earth System Sci (4)
- EPSY 284 (F.5)
- Intro to GE Science & Cartography (3)

**Accounting:** Choose one
- ACC 202 (10,54)
- Business Admin (200)

**Communication Content**

**Office of Academic: Core Courses**

**Science Content**

**Math Courses**

**Mechanics Courses**

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**Course Descriptions**

**Intro to GIS Science:** 0-10 credits completed choose either GIS 201 or GIS 202

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**Strongly Recommended Sequencing**

- Pre-professional Block Courses
  - Complete w/EC or better before taking Prof. Block Courses

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**For planning purposes:** The MSU catalog displays official degree and prerequisite requirements. Some courses from prior catalogs have been discontinued or replaced. It is recommended that students on 2012-2020 catalogs follow this chart to complete their degree requirements.

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**Block Courses**

- Core AHD
- Business Law
- Internship
- Prof Elective
- MSU GID

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**Theoretical Technology Program**

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**ECON**

- Microeconomics
- Macroeconomics

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**ETCC 412**

- Building Systems

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**ETT 525**

- Construction Project Management

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**ETCC 499R**

- Capstone - CEL

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**ECE 430**

- Creativity & Critical Thinking

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**ECE 440**

- Intro to Engineering

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**ECE 450**

- Design of Experiments

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**ECE 460**

- Modern Control Systems

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**ECE 470**

- Digital Systems Design

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**ECE 480**

- Introduction to Computer Engineering

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**ECE 510**

- Advanced Digital Logic Design

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**ECE 520**

- Microprocessor Systems

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**ECE 530**

- Analog and Digital Communications

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**ECE 540**

- Introduction to Analog Electronics

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**ECE 550**

- Introduction to Digital Electronics

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**ECE 560**

- Introduction to Power Electronics

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**ECE 570**

- Introduction to Control Systems

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**ECE 580**

- Introduction to Signal Processing

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**ECE 590**

- Introduction to Telecommunications

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**ECE 610**

- Advanced Digital Logic Design

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**ECE 620**

- Advanced Digital Logic Design

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**ECE 630**

- Advanced Digital Logic Design

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**ECE 640**

- Advanced Digital Logic Design

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**ECE 650**

- Advanced Digital Logic Design

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**ECE 660**

- Advanced Digital Logic Design

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**ECE 670**

- Advanced Digital Logic Design

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**ECE 680**

- Advanced Digital Logic Design

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**ECE 690**

- Advanced Digital Logic Design