

# ENGINEERING CORE (ENGR)

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## Course Descriptions

### **ENGR 500 Full Time Curricular Practical Training 1 Credit Hour**

This course is designed for international graduate students with valid student visas who are eligible for the Curricular Practical Training (CPT) and have been offered a Full Time (working 21 or more hours/week) position/internship that will provide the students with practical work experience related to their field of study in consultation with a faculty advisor. Students are required to submit a report which describes their CPT experience to the advisor at the end of the semester when this course is enrolled. The advisor assigns a pass/fail grade based on evaluation of the report. ENGR 500 cannot count within any CECS major requirements. (F, W, S).

#### **Restriction(s):**

Can enroll if Level is Doctorate or Rackham or Graduate or  
Can enroll if College is Engineering and Computer Science

### **ENGR 501 Part Time Curricular Practical Training 1 Credit Hour**

This course is designed for international graduate students with valid student visas who are eligible for the Curricular Practical Training (CPT) and have been offered a Part Time (working 20 or fewer hours/week) position/internship that will provide the students with practical work experience related to their field of study in consultation with a faculty advisor. Students are required to submit a report which describes their CPT experience to the advisor at the end of the semester when this course is enrolled. The advisor assigns a pass/fail grade based on evaluation of the report. ENGR 501 cannot count within any CECS major requirements. (F, W, S).

### **ENGR 700 Research Methodology 0 Credit Hours**

Full Course Title: Doctoral Research Methodology Seminar This course provides doctoral students with the fundamental training for conducting high-level scholarly research used in the various fields of engineering. Topics include: evaluation of information resources, intellectual property, writing for journals and dissertation, effective work with scientific literature, literature review, plagiarism, publication, bibliographic management, library resources, and Students also complete Responsible Conduct of Research(RCR) training workshops. The students will also be required to attend the GSI training workshop offered by CRLT at the UM Ann Arbor campus. The course is required to be completed for all doctoral students in the first year of enrollment and prior to taking the qualifying exam. (F,W,S)

#### **Restriction(s):**

Can enroll if Level is or Doctorate  
Can enroll if College is Engineering and Computer Science

\*An asterisk denotes that a course may be taken concurrently.

#### Frequency of Offering

The following abbreviations are used to denote the frequency of offering: (F) fall term; (W) winter term; (S) summer term; (F, W) fall and winter terms; (YR) once a year; (AY) alternating years; (OC) offered occasionally