ENGINEERING AND APPLIED SCIENCE (EAS)

EAS 1 Engineering Co-op Work Period
1 cr. Undergraduate.
One semester work period in an industrial environment.
Prerequisites: prior cons co-op dir.
Course Rules: Considered full time for FA purposes. Cr/No cr only. May be retaken but only 3 cr count toward graduation.
Current Offerings: https://catalog.uwm.edu/course-search/

EAS 100 CEAS Freshman Orientation
1 cr. Undergraduate.
An introduction to problem solving in engineering and computer science.
Prerequisites: none.
Course Rules: Credit/No Credit grading option only.
Last Taught: Fall 2019, Fall 2018, Fall 2014, Fall 2013.
Current Offerings: https://catalog.uwm.edu/course-search/

EAS 121 Automation: Controls and Sensors
4 cr. Undergraduate.
Industrial automation principles; controller technology and programming; controller applications and troubleshooting; network infrastructure technology; basic instrumentation technology.
Prerequisites: none.
Current Offerings: https://catalog.uwm.edu/course-search/

EAS 122 Motion Control and Safety
3 cr. Undergraduate.
AC drive and motor technology; visualization and information software; machine safety technology; motion control technology.
Prerequisites: none.
Current Offerings: https://catalog.uwm.edu/course-search/

EAS 200 Professional Seminar
1 cr. Undergraduate.
Professional orientation and career planning. Current issues in the profession.
Prerequisites: none.
Last Taught: Spring 2020, Fall 2019, Spring 2019, Fall 2018.
Current Offerings: https://catalog.uwm.edu/course-search/

EAS 290 Topics in Engineering and Applied Science:
1-3 cr. Undergraduate.
Lectures on new introductory material in engineering and applied science. Variable-content course.
Prerequisites: specified in semester Schedule whenever required for topic.
Course Rules: May be retaken with change in topic.
Current Offerings: https://catalog.uwm.edu/course-search/

EAS 297 Study Abroad:
1-5 cr. Undergraduate.
Designed to enroll students in UWM sponsored program. Course work, content, and credits determined at the time of offering.
Prerequisites: acceptance to Study Abroad Prog; cons CEAS assoc dean for academic prog.
Course Rules: Retakable with change in topic to 12 cr max.
Current Offerings: https://catalog.uwm.edu/course-search/

EAS 299 Independent Study
1-3 cr. Undergraduate.
Independent study on a topic of choice. Credit hours to be arranged between student and staff on an individual basis.
Prerequisites: cons instr.
Course Rules: May be retaken for degree cr.
Current Offerings: https://catalog.uwm.edu/course-search/

EAS 350 Senior Leadership Seminar
1 cr. Undergraduate.
Elements of historical and modern social and professional leadership, preparing for a leadership position in industry, leadership and entrepreneurship, engineering management techniques.
Prerequisites: sr st.
Current Offerings: https://catalog.uwm.edu/course-search/

EAS 497 Study Abroad:
1-5 cr. Undergraduate/Graduate.
Designed to enroll students in UWM sponsored program. Course work, level, content, and credits determined at the time of offering.
Prerequisites: acceptance to Study Abroad Prog; cons CEAS assoc dean for academic prog.
Course Rules: May be retaken w/chg in topic to 12 cr max for undergrad & 9 cr max for grad.
Current Offerings: https://catalog.uwm.edu/course-search/

EAS 497G Study Abroad:
1-5 cr. Undergraduate/Graduate.
Designed to enroll students in UWM sponsored program. Course work, level, content, and credits determined at the time of offering.
Prerequisites: acceptance to Study Abroad Prog; cons CEAS assoc dean for academic prog.
Course Rules: May be retaken w/chg in topic to 12 cr max for undergrad & 9 cr max for grad.
Current Offerings: https://catalog.uwm.edu/course-search/