

Rationale for New or Changed Course Designator:

**Banner Course Designator Requested: Code:** ESC

**Banner Description:** Science of Engineering

**Purpose:**

- What academic programs, including majors, certificates, options and minors will be served by courses within the proposed new course designator?
  - New four-year degree program: Engineering Science
- In what ways will the content within the scope of the course designator constitute a coherent body of knowledge?
  - This course designator will be used on all core classes of the proposed Engineering Science program.
- Is the proposed usage of the course designator consistent with practices at OSU and other institutions? Give examples.
  - Much like the ME course designator is used for mechanical engineering classes in the Mechanical Engineering program, the ESC course designator will be used for engineering classes in the Engineering Science program.
  - At the University of Portland, EE is used for electrical engineering courses. At OSU we'd used ESC for engineering science specific courses.

**Accountability:**

- What will be the academic home of the proposed course designator (College, School, Department, or Program)? College of Engineering
- Who will be responsible for administering the courses with the new designator, e.g. scheduling and catalog updates? Who will be the faculty contacts? Rebecca Webb
- Who will be responsible for consistency and outcome assessment for courses with the new course designator? ESC faculty will assess their individual classes and our ABET coordinator will collate material for ABET and OSU accreditation reviews.
- Which units will receive credit for the Student Credit Hours generated by courses with the new subject code? OSU-Cascades
- Who will be responsible for communicating information about the new course designator to students, advisors, Admissions, and other stakeholders? Rebecca Webb

**Impacts:**

- How will the new course designator benefit students? This course designator will be part of a new engineering program to be offered at OSU-Cascades designed to meet student and industry demand.
- Will courses with the new course designator duplicate or compete with existing course designators? No.
- Will there be expected cross-listings or curricular equivalencies? No.
- How is the new course designator expected to affect transfer credits? It should not. Where appropriate, we will identify acceptable transfer credits from local community colleges.
- Will any existing course designators expire when the new course designator is implemented, and who is impacted by that? No.