Bachelor of Science in Engineering Innovation and Leadership (Electrical Engineering Concentration Starting with Precalculus)

Required Semester Credit Hours (SCH): 125

Refer to the University Catalog for all degree requirements at catalog.utep.edu.

Many core curriculum courses are also offered in the summer (Su). Students are encouraged to register early and check Goldmine for course availability.

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Required Semester Credit Hours (SCH): 125

Bachelor of Science in Engineering Innovation and Leadership (Electrical Engineering Concentration Starting with Precalculus)

- **Foundation**
  - MATH 1508 Precalculus
  - MATH 1310 Trigonometry & Conics

- **University Core Curriculum**
  - PHYS 2420 Introductory Mechanics
  - PHYS 2421 Introductory Electromagnetics
  - CS 1320 Computer Programming for Sci/Eng
  - HIST 1301 History of U.S. to 1865
  - HIST 1302 History of U.S. since 1865
  - Rhetoric and Comp. I

- **Engineering Leadership Major**
  - EL 1405* Fund of Engr Lead and Growth
  - EL 1302* Instr to Engr Dsgn & Leadership
  - EL 2301* Modeling and Simulation
  - EL 3302* Engineering Measurements
  - EL 3003* Professional Practice I
  - EL 331* Eng. Design: People to Prod
  - EL 3304* Engr Entr: Prod to People
  - EL 3305* Professional Practice II

- **Elective**
  - EE 2326 Econ for Engrs & Scientists
  - PHIL 2306 Ethics
  - UNIV 1301 Seminar Inquiry

- **Senior Year**
  - EL 4396* CD II, Develop & Evaluation
  - EL 4395* CD I, Def & Exploration
  - EE Upper Division Elective
  - EE Upper Division Elective

- **Sample Degree Plan**

August 3, 2020