Program Overview

The degree in Engineering Technology provides graduates with a wide variety of career opportunities. Engineering Technology students can choose from four different majors. These are Electronic Engineering Technology, Engineering Graphics Technology, General Engineering Technology, and Mechanical Engineering Technology. Each of these programs produces technicians who are well prepared to enter the job market in their chosen field. Engineering Technology students are required to have a graphing electronic calculator (Texas Instruments Model TI-83). Students who are planning to transfer to a four-year college or university should schedule an appointment with the college’s transfer coordinator for assistance. Entrance requirements for transfer students vary widely among senior colleges and universities. It is also recommended that the student contact the college or university they plan to attend for additional transfer information.

General Engineering Technology Curriculum

Day Program

FIRST SEMESTER  CREDIT HOURS
EGR 130  Engineering Technology Applications 3.0
and Programming
EGT 152  Fundamentals of CAD 3.0
ENG 101  English Composition I 3.0
MAT 110  College Algebra 3.0

SECOND SEMESTER
EET 113  Electrical Circuits 4.0
ENG 102  English Composition II 3.0
or ENG 165 Professional Communications
MAT 111  College Trigonometry 3.0
PHY 201  Physics I 4.0

SUMMER TERM
EET 131  Active Devices 4.0
EGR 175  Manufacturing Processes 3.0
PHY 202  Physics II 4.0

THIRD SEMESTER
MAT 130  Elementary Calculus 3.0
or MAT 140 Analytical Geometry and Calculus 4.0
CIM 131  Computer Integrated Manufacturing 3.0
EET 233  Control Systems 4.0
EET 140  Digital Electronics 3.0
EGR 194  Statics and Strength of Materials 4.0

FOURTH SEMESTER
EET 212  Industrial Robotics 3.0
EET 235  Programmable Controllers 3.0
EGR 255  Engineering Technology Senior Systems Project 2.0
Elective Humanities/Fine Arts 3.0
PSY 103  Human Relations 3.0
or PSY 201 General Psychology

TOTAL CREDIT HOURS: 68.0/69.0

>>> Visit www.ptc.edu/engineering to learn more.