ENGINEERING TECHNOLOGY (ENGT)

ENGT 12005 APPLICATIONS IN COMPUTER-AIDED DESIGN  2 Credit Hours
Course for training on the use of a popular, computer-aided drafting and
design software. Practice with the advanced features of the software
applicable to modern design in the graphics, mechanical, industrial and
electronics fields.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

ENGT 20192 INTERNSHIP IN ENGINEERING TECHNOLOGY (ELR)  2 Credit Hours
(Repeatable for credit) Supervised internship experience in approved
business or industrial environment relative to the student's major. The
internship experience must be for a period of at least 12 consecutive
weeks at 25 hours per week, or 20 hours per week for 15 weeks, totaling
not less than 300 hours. Most co-ops occur during the summer.
Prerequisite: Sophomore standing; and special approval.
Schedule Type: Practicum or Internship
Contact Hours: 20 other
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement

ENGT 22000 STATISTICAL PROCESS CONTROL  4 Credit Hours
Process variability, process monitoring, statistical methods using control
charts for variables and attributes; acceptance sampling plans; process
capability, process adjustment, process improvement.
Prerequisite: Special approval.
Schedule Type: Lecture
Contact Hours: 4 lecture
Grade Mode: Standard Letter

ENGT 22003 SUPERVISION AND LABOR RELATIONS  5 Credit Hours
Practical methods and techniques for improving supervision and
labor relations in industry. Personnel and performance evaluation,
implementing policy, labor contracts, collective bargaining, wage and
salary administration.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 5 lecture
Grade Mode: Standard Letter

ENGT 22006 ECONOMIC DECISION ANALYSIS  3 Credit Hours
Economic decision making for industrial engineering technology with
applications emphasis, estimating economic elements, interest and
economic equivalence, methods of comparing alternatives and evaluating
replacement alternatives.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: TAG Engineering

ENGT 22010 COMPUTER INTEGRATED MANUFACTURING  3 Credit Hours
Planning, developing and implementing a strategy to control and
coordinate all the engineering production and business operations within
a manufacturing enterprise.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ENGT 33095 SPECIAL TOPICS IN ENGINEERING TECHNOLOGY  1-4 Credit Hours
Special topics of immediate interest in engineering technology.
Prerequisite: Junior standing.
Schedule Type: Lecture
Contact Hours: 1-4 lecture
Grade Mode: Standard Letter