

FIVE CERTIFICATES OF ACHIEVEMENT ARE AVAILABLE

- **ELECTRICAL AND ELECTRONIC ENGINEERING DESIGN TECHNICIAN**
- **MECHANICAL ENGINEERING DESIGN TECHNICIAN**
- **INDUSTRIAL ENGINEERING DESIGN TECHNICIAN**
- **ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIAN**
- **MECHANICAL ENGINEERING TECHNICIAN**

ASSOCIATE OF ARTS DEGREE IS ALSO AVAILABLE



ELECTRICAL AND ELECTRONIC ENGINEERING DESIGN TECHNICIAN CERTIFICATE OF ACHIEVEMENT

- ET 101 Principles of Engineering Technology (3 Units) Completed
- ET 102 Electronics for Engineering Technologists (3 Units)..... Completed
- ENGT 103 Introduction to Engineering Design Using Inventor (3 Units) Completed
- ENGT 131 Design Fundamentals including 3-D Modeling (3 Units) Completed
- ENGT 299 Directed Studies (2 Units)..... Completed
- or NPD 105 Mechatronics Integration In New Product Development (3 Units)..... Completed

Total Certificate Requirement: 14-15 Units

MECHANICAL ENGINEERING DESIGN TECHNICIAN CERTIFICATE OF ACHIEVEMENT

- ET 101 Principles of Engineering Technology (3 Units) Completed
- ENGT 103 Introduction to Engineering Design Using Inventor (3 Units) Completed
- ENGT 116 Blueprint Reading and Production (4 Units) Completed
- MTT 180 Robotics for Computer Numerically Controlled Machines (3 Units)..... Completed

Plus one course from the following:

- ET 102 Electronics for Engineering Technologists (3 Units)..... Completed
- ENGT 104 Principles of Aerospace Design Technology (4 Units)..... Completed
- ENGT 131 Design Fundamentals including 3-D Modeling (3 Units) Completed
- MTT 151 Mastercam Introduction (3.5 Units)..... Completed
- WELD 120 Beginning Arc Welding (5 Units)..... Completed

Total Certificate Requirement: 16-18 Units

INDUSTRIAL ENGINEERING DESIGN TECHNICIAN CERTIFICATE OF ACHIEVEMENT

- ET 101 Principles of Engineering Technology (3 units)..... Completed
- ET 103 Industrial Process Control (2 units) Completed
- ET 105 Industrial Motor Control (2 units)..... Completed
- ENGT 103 Introduction to Engineering Design Using Inventor (3 Units) Completed

Additional Required Electives:

- ET 102 Electronics for Engineering Technologist (3 Units)..... Completed
- ENGT 111 Plastics Technology (3 Units)..... Completed
- ENGT 116 Blueprint Reading and Production (4 Units) Completed
- MTT 110 Mechanical Maintenance of Machine Tools (3 Units) Completed
- MTT 180 Robotics for Computer Numerically Controlled Machine (3 Units) Completed

Total Certificate Requirement: 26 Units

ELECTRICAL AND ELECTRONIC ENGINEERING TECHNICIAN CERTIFICATE OF ACHIEVEMENT

- ET 101 Principles of Engineering Technology (3 units)..... Completed
- ET 103 Industrial Process Control (2 units) Completed
- ET 105 Industrial Motor Control (2 units) Completed
- ENGT 103 Introduction to Engineering Design Using Inventor (3 Units) Completed

Additional Required Electives:

- ET 102 Electronics for Engineering Technologist (3 Units)..... Completed
- MATH 140 Trigonometry (3 Units)..... Completed
- MTT 111 Programmable Logic Controllers in Automated Manufacturing (3 Units)..... Completed
- MTT 112 Variable Frequency Drive in Automated Manufacturing (3 Units)..... Completed
- MTT 180 Robotics for Computer Numerically Controlled Machine (3 Units) Completed

Total Certificate Requirement: 25 Units

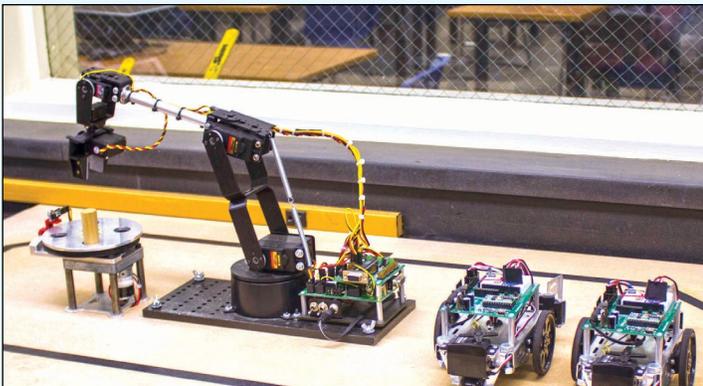
MECHANICAL ENGINEERING TECHNICIAN CERTIFICATE OF ACHIEVEMENT

- ET 101 Principles of Engineering Technology (3 units)..... Completed
- ET 103 Industrial Process Control (2 units) Completed
- ET 105 Industrial Motor Control (2 units) Completed
- ENGT 103 Introduction to Engineering Design Using Inventor (3 Units) Completed
- ENGT 116 Blueprint Reading and Production (4 Units) Completed

Additional Required Electives:

- ENGT 111 Plastics Technology (3 Units)..... Completed
- ENGT 117 Geometrical Dimensioning and Tolerancing and Model Based Definition (4 Units)..... Completed
- ENGT 259 Solidworks Introduction (4 Units)..... Completed
- MTT 100 Machine Tools Introduction (2 Units)..... Completed

Total Certificate Requirement: 27 Units



Interested in enrolling at Cerritos College?

Please refer to the step-by-step enrollment process:
www.cerritos.edu/futurestudents

Want to apply to get your certificate?

1. Make sure you meet the requirements for the certificate.
 - a. Determine which form to fill out and download the form at:
<https://www.cerritos.edu/admissions-and-records/online-forms/>
 - Petition to graduate with a Certificate of Achievement
2. Fill out the appropriate form and meet with a counselor.
 - a. Make an appointment by calling (562) 860-2451, ext. 2231 or use Online Counseling at:
www.cerritos.edu/counseling/online-orientation.htm



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