

# Engineering Design Technology – Level II

ARCHITECTURE AND ENGINEERING DESIGN DEPARTMENT

Certificate 60915

The Engineering Design Technology Level II Certificate is designed to provide focused technical grounding and exposes students to parametric design technology. This certificate enables students to pursue competitive employment in the technical design field, beyond entry level.

## Requirements for the Certificate

### **Required courses:**

Level I as follows:

EDT 11	Technical Engineering Drawing I	3.0	CSU
EDT 12	Technical Engineering Drawing II	3.0	CSU
EDT 14	Mechanical Design – Geometric Dimensioning and Tolerancing	3.0	CSU
EDT 16	Basic CAD and Computer Applications	4.0	CSU
EDT 18	Engineering CAD Applications	4.0	CSU
MFG 11	Manufacturing Processes I, <i>or</i>	2.0	CSU
ELEC 50A	Electronics Theory, <i>and</i>	2.0	CSU
ELEC 50AL	Electronics Laboratory	1.0	CSU

### **Plus the following courses:**

EDT 20	Technical Descriptive Geometry	3.0	CSU
EDT 24	Engineering CAD 3-D Solids and Surfaces	3.0	CSU
ELEC 50B	Electronics Theory	2.0	CSU
ELEC 50BL	Electronics Laboratory	1.0	CSU
MFG 11	Manufacturing Processes I, <i>or</i>	2.0	CSU
ELEC 50A	Electronics Theory, <i>and</i>	2.0	CSU
ELEC 50AL	Electronics Laboratory	1.0	CSU

**TOTAL UNITS 30.0 - 32.0**