

**ENGINEERING DRAFTING WITH CAD**  
**Associate in Specialized Technology Degree Program**  
**Eighteen months, 1890 clock hours, 109.5 quarter credits**

This program is designed to train the student for entry-level drafting work in engineering or drafting fields. Graduates of this program are capable of performing entry-level work in positions are mechanical, architectural, structural, or topographical drafters.

The program is divided into six quarters during which time the student will complete the following subjects:

<b>Course Number</b>	<b>Course Title</b>	<b>Quarter Credits</b>
CT101	Computer Fundamentals *	4.0
CT104	Introduction to Word Processing	3.0
DT100	Drafting Fundamentals Theory ▪	5.0
DL100	Drafting Fundamentals Lab ▪	5.0
DT101	Drafting Fundamentals – Advanced Theory ▪	5.0
DL101	Drafting Fundamentals – Advanced Lab ▪	10.0
DT102	CAD/Mechanical Fundamentals Theory ▪	5.0
DL102	CAD/Mechanical Fundamentals Lab ▪	10.0
DT200	Mechanical/Structural/Jigs & Fix Theory ▪	5.0
DL200	Mechanical/Structural/Jigs & Fix Lab ▪	12.5
DT201	Electrical/Piping/Architectural Theory ▪	5.0
DL201	Electrical/Piping/Architectural Lab ▪	10.0
DR210	Drafting Externship ▪	12.0
EC103	Technical Communication	3.0
MA102	Technical Math I *	4.0
MA103	Technical Math II *	4.0
MA104	Technical Math III *	4.0
PD101	Professional Development I	1.0
PD102	Professional Development II	2.0

\* Indicates a general education requirement

▪ Students must earn a grade of C- or better in order to graduate