

Mechanical Drafting and Design Certificate C4032AA

The Mechanical Drafting and Design certificate program prepares technicians to produce drawings of mechanical parts, components of mechanical systems, CAD and the importance of technically correct drawings and designs based on current standards are emphasized.

Course work includes mechanical drafting, CAD, and design. The use of proper dimensioning and tolerancing techniques and geometric dimensioning and tolerancing is stressed.

Graduates should qualify for employment in mechanical areas such as manufacturing, fabrication, research and development, and service industries.

All courses in this certificate program may be applied toward the completion of the Mechanical Drafting and Design diploma and Associate of Applied Science degree in Mechanical Engineering Technology/Drafting and Design.

Prefix & Number	Description	Class	Lab	Clinical/ Shop	Credit
DDF 211	Design Drafting I	1	6	0	4
DFT 111	Technical Drafting I	1	3	0	2
DFT 111A	Technical Drafting I Lab	0	3	0	1
DFT 112	Technical Drafting II	1	3	0	2
DFT 112A	Technical Drafting II Lab	0	3	0	1
DFT 151	CAD I	2	3	0	3
DFT 152	CAD II	2	3	0	3
<i>Totals:</i>		7	24	0	16
Certificate Total					16