

# CERTIFICATE OF ACHIEVEMENT IN MECHANICAL DRAFTING

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This certificate prepares students for entry-level employment in the field of Mechanical Drafting. Students completing this certificate will acquire knowledge and skills related to creating and appraising manufacturing and industrial applications (2D and 3D), specifically CAD and tactile (by hand) drawings.

## Program Outcomes

- Create and analyze documents related to mechanical drafting, i.e., computer-assisted and tactile drafting/design.

## Career Opportunities

Upon successful completion of this certificate, students will be prepared for employment in the following fields: CAD Technician/Draftsperson in manufacturing or industrial fields.

## Program Requirements

Code	Title	Units
REQUIRED CERTIFICATE COURSES		
DRFT 016	CAD Applications	4
DRFT 112	Mechanical Drafting 1	3
DRFT 113	Mechanical Drafting 2	3
DRFT 114	Introduction to CAD	4
DRFT 115	Advanced CAD	4
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TOTAL		18

The Certificate of Achievement requirements include completion of the certificate courses with a "C" or better grade in each course. Required and support courses may be substituted with the approval of the Industry & Technology Division Chair.