

DRAFTING MECHANICAL DESIGN

(Occupational Program)

Curriculum Guide for Academic Year 2020-2021

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Associate in Science Degree, p. 1

In Addition, complete ONE (1) course from the following:		UNITS	In Progress	Completed Grade
ELECT 230A	Robotics Technology	2		
ADMT 50	Advanced Manufacturing, Introduction	3		
MTFAB 50	Introduction to Metalworking	4		
WELD 50	Introduction to Welding	4		
Subtotal Units		2-4		
MAJOR TOTAL UNITS		17-22		

For graduation with an **Associate in Science (A.S.) Degree with a major in Drafting: Mechanical Design:**

- Minimum Unit Requirements:** § Any course that appears in a curriculum guide is part of the degree requirement. (P. 4)

CATIA: Please choose ONE (1) course from the following:

Program of study leading to:

The Advanced Skills Certificate of Achievement will prepare student for an advanced position as a mechanical drafter or intermediate level drafting position in a variety of design professional settings and will serve as a foundation for specialization.

Program Mission and Outcomes

To create an educational environment where students can achieve their individual goals by providing the knowledge and skills to enter the design field of their choice by using the latest technologies and industry trends.

Outcomes:

Establish mastery of basic knowledge and skills and apply advanced technologies relevant to entering the mechanical drafting and design field at an entry or advanced level.

Develop career awareness, planning, employability skills, work habits, and foundation knowledge necessary for success in the workplace

Possess the necessary technical knowledge and communication skills to identify, articulate and solve problems pertaining to the industrial manufacturing environment and perform tasks required within the mechanical design drafting professions.

Legend

This Catalog (<http://www.lbcc.edu/cat/index.html>), the Schedule of Classes (<http://schedule.lbcc.edu/>), or the online Credit Course Outline (<http://wdb-asir.lbcc.edu/coursecurriculum/coursedetails/>) for specific prerequisite information. fer to the General