

# DRAFTING MECHANICAL DESIGN

## Occupational Program

### Curriculum Guide for Academic Year 2017-2018

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Students planning to **transfer** to a four-year college or university should refer to the ASSIST web site at [www.assist.org](http://www.assist.org) and **consult a counselor** before beginning a program of study. Please call 562-938-4561 for the LAC, or (562) 938-3920 for PCC to schedule a meeting with a counselor. Students may also wish to visit the Transfer Center on either campus.

#### Program of study leading to: Associate in Science (A.S.) Degree

<u>Required Courses:</u>	UNITS	In Progress	Completed
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Program of study leading to:  
**Certificate of Achievement**

**Required Courses: Core Skills 3907**

		UNITS	In Progress	Completed Grade
	DRAFT 51A	3		
†	DRAFT 51B	3		
†	DRAFT 52A	3		
	DRAFT 210	1.5		
	DRAFT 211	1.5		

DRAFT 220	Introduction to CATIA	3		
DRAFT 221	Intermediate CATIA	3		
DRAFT 222	Advanced CATIA	3		
<b>CATIA SUBTOTAL UNITS</b>		<b>9</b>		

**SolidWorks: Please complete the NINE (9) units from the following:**

DRAFT 230	Introduction SolidWorks Level 1	3		
DRAFT 231	Intermediate SolidWorks Level 2	3		
DRAFT 232	Advanced SolidWorks Level 3	3		
<b>SolidWorks SUBTOTAL UNITS</b>		<b>9</b>		

**AutoCAD: Please choose TWO (2) course from the following:**

DRAFT 202	AutoCAD Fundamentals	4		
DRAFT 203	AutoCAD II, Advanced Concepts	4		
DRAFT 204	2D Visualization/Animation	4		
<b>AutoCAD SUBTOTAL UNITS</b>		<b>8</b>		

<b>Advanced Certificate SUBTOTAL UNITS</b>	<b>24-25</b>		
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**In Addition, Please select ONE (1) course from the following:**

		UNITS	In Progress	Completed Grade
† DRAFT 52B	Descriptive Geometry	3		
TEC 60	Computer Aided Design and Drafting (CADD)	4		
<b>SUBTOTAL UNITS</b>		<b>3-4</b>		

**Please then select ONE (1) course from the following:**





