

# **Computer Aided Drafting & Design (CADD): Mechanical, Process Piping and Control, AAS**

## **Computer Aided Drafting Certificate**

The assessment of student learning outcomes is not only a key indicator of program effectiveness, it is also one of the standards of excellence identified by the Middle States Commission (Standard 5) and is required through the SUNY assessment initiative.

### **Program Learning Outcomes as stated in Catalog**

**Upon completion, students will demonstrate:**

1. The ability to use AutoCAD to express ideas in a timely and efficient manner
2. An understanding of industry standards
3. The ability to use basic algebra and trigonometry to solve design problems
4. The ability to use catalog and reference material to solve design problems
5. Use Solid Modeling design software and peripherals to produce industry acceptable designs

## Curriculum Map

	PLO1	PLO2	PLO3	PLO4	PLO5
DRF173	L(I)	L (I)			
DRF180	L,PR (R)	L (I)	L,PR (P)	L,PR (I)	
DRF181	L,PR (R)	L (P)	L,PR (P)	L,PR (P)	
DRF182	L,PR (R)	L (I)	L,PR (P)	L,PR (I)	
DRF275		L(P)	L,PR (P)	L,PR (P)	L,PR (I)
DRF279		PO			
DRF283		L(P)	L,PR (P)	L,PR (R)	L,PR (R)
DRF285	L (R)	L(P)	L (P)	L (R)	
DRF286	L,PR (R )	L(P)	L,PR (P)	L,PR (R)	
ELT250	L (R)	L(P)	L (P)	L (P)	
MET205		E,HW(P)	E,HW (P)	E (P)	
MET260		E,HW(P)	E,HW (P)	E (P)	
TEC110		L(P)	L (P)	L (P)	
TEC120		E,HW(P)	E,HW (P)	E (P)	

Assessment Key:

**STUDENT LEARNING OUTCOME RUBRIC**

<b>Student Learning Outcomes</b>	<b>Assessment Measure</b>	<b>Does Not Meet Standard</b> <i>Grade: F</i>	<b>Criterion</b>		
			<b>Approaches Standard</b> <i>Grade range: D- to C-</i>	<b>Meets Standard</b>  <i>Grade range: C to A-</i>	<b>Exceeds Standard</b>  <i>Grade: A</i>