

# CERTIFICATE: CAD

Division: Math, Computer, Engineering & Physical Sciences & Technologies  
TECH - 129 (914) 606-6788

27 Credits

## Curriculum Chair

Professor Leonard Spina  
TECH-104  
Telephone: (914) 606-6942

Reviewed By: \_\_\_\_\_

Date: \_\_\_\_\_

Approved By Chairperson/Dean:  
\_\_\_\_\_

Course #	SEMESTER 1	Credits	✓
CIVIL 103	Intro to Technology	3	
MATH	College Level Math course by placement	3/4	
MECH 162	CAD 1	3	
	Technical Elective <sup>1</sup>	3	

Course #	SEMESTER 2	Credits	✓
CIVIL 101A	Architectural Drawings	2	
MECH 163	CAD 2	3	
	Technical Electives <sup>1</sup>	6	
MECH 265	CAD 3D Modeling <sup>2</sup>	3	

## Notes:

Three Technical Electives recommended: Choose from

MECH 120 Mechanisms  
MECH 134 Product Development  
MECH 144 Manufacturing I  
MECH 145 Manufacturing II  
MECH 220 Product Planning  
MECH 265 CAD 3D Modeling,  
MECH 267 CAD Auto Architect  
MECH 289 Manufacturing Process  
CIVIL 111 Construction Methods and Materials and Lab  
CIVIL 233 Contacts and Specifications  
CIVIL 235 Architectural Design  
ELECT 128 Electrical Circuits I & II

<sup>1</sup> Technical electives are any courses offered by the Civil, Electrical and Mechanical Departments or Physics or Drawing or any course approved by the Curriculum Chair.

<sup>2</sup> If a student needs to register for both CAD 2 and CAD 3D during the same semester prior approval of the curriculum chair is needed. CAD 2 is one of the pre-requisite for CAD 3D.