

CERTIFICATE: CAD

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

Curriculum
Code: 0551
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 260B | CAD 1 | 3 | |
| | Technical Elective ¹ | 3 | |

| Course # | SEMESTER 2 | Credits | ✓ |
|------------|----------------------------------|---------|---|
| CIVIL 101A | Architectural Drawings | 2 | |
| MECH 261B | CAD 2 | 3 | |
| | Technical Electives ¹ | 6 | |
| MECH 265 | CAD 3D Modeling ² | 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

¹ 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.

² 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.