



21250 Stevens Creek Blvd.
Cupertino, CA 95014
408-864-5678
www.deanza.edu

Computer Aided Design (CAD)

2006-2007 Certificate and Degree Programs

Counseling Center
Student & Community
Services Bldg. 2nd Fl.
408-864-5400

Business and
Computer System
Division
De Anza L14
408-864-8796, 8797

Career Center
Student & Community
Services Bldg. 2nd Fl.
408-864-5711

Certificate of Achievement - Autodesk

General Requirements

1. A minimum 2.0 grade point average in these units.
2. A maximum of 6 quarter units may be transferred from other institutions.
3. See Counseling Center for academic planning and to apply for certificate.

| Course Requirements | | Units |
|----------------------|------------------------|-------|
| CDI 80B | AutoCAD (Beginning) | 4 |
| CDI 81B | AutoCAD (Intermediate) | 4 |
| CDI 85B | AutoDesk Inventor | 4 |
| Total Units Required | | 12 |

Certificate of Achievement - Pro/ENGINEER

General Requirements

1. A minimum 2.0 grade point average in these units.
2. A maximum of 6 quarter units may be transferred from other institutions.
3. See Counseling Center for academic planning and to apply for certificate.

| Course Requirements | | Units |
|---------------------|--|-------|
| CDI 70B | Pro/ENGINEER Wildfire 3.0 (Beginning) | 4 |
| CDI 71B | Pro/ENGINEER Wildfire 3.0 (Intermediate) | 4 |
| CDI 72B | Pro/ENGINEER Wildfire 3.0 (Advanced) | 4 |

Complete 8 units from the courses listed below:

| | | |
|----------------------|--|----|
| CDI 73B | Pro/ENGINEER Wildfire 3.0 (Pro/SHEETMETAL) (4) | |
| CDI 74B | Pro/ENGINEER Wildfire 3.0 (Pro/SURFACE) (4) | |
| CDI 75B | Pro/ENGINEER Wildfire 3.0 (Pro/MOLD) (4) | |
| CDI 76B | Pro/ENGINEER Wildfire 3.0 (Pro/CABLE) (4) | |
| CDI 77B | Pro/ENGINEER Wildfire 3.0 (Pro/MECHANICA) (4) | |
| CDI 79B | Pro/ENGINEER Wildfire 3.0 (Pro/Update) (4) | |
| Total Units Required | | 20 |

Certificate of Achievement - SolidWorks

General Requirements

1. A minimum 2.0 grade point average in these units.
2. A maximum of 6 quarter units may be transferred from other institutions.
3. See Counseling Center for academic planning and to apply for certificate.

| Course Requirements | | Units |
|----------------------|---------------------------|-------|
| CDI 60B | SolidWorks (Beginning) | 4 |
| CDI 61B | SolidWorks (Intermediate) | 4 |
| CDI 62B | SolidWorks (Advanced) | 4 |
| Total Units Required | | 12 |

Certificate of Proficiency - Computer Aided Design - Mechanical

General Requirements

1. A minimum 2.0 grade point average in these units.
2. A maximum of 18 quarter units may be transferred from other institutions.
3. Demonstrated proficiency in mathematics and English.
4. See Counseling Center for academic planning and to apply for certificate.

Complete two of the options A-D listed below, plus additional CAD courses to a minimum of 28 units.

| Course Requirements Options | Units |
|---|-------|
| A. Certificate of Achievement - AutoDesk (12) | |
| B. Certificate of Achievement - Pro/ENGINEER (20) | |
| C. Certificate of Achievement - SolidWorks (12) | |
| D. CDI 57A Simultaneous Product Development (4) | |
| Total Units Required | 28-32 |

A.S. Degree - Computer Aided Design - Mechanical

A.A./A.S. Degree Requirements

1. Completion of a minimum of 90 quarter units of college credit, including:
 - A minimum of 24 quarter units must be earned at De Anza College.
 - A maximum of 22 quarter units from another institution may be applied toward the MAJOR.
 2. Completion of all General Education requirements (31-42 quarter units) for the A.A./A.S. degree with a minimum 2.0 ("C") grade point average.
 3. Completion of all Major requirements with a minimum 2.0 ("C") grade point average. Major requirement courses can ALSO be used to satisfy G.E. requirements.
 4. Completion of all De Anza courses must be with a minimum 2.0 ("C") grade point average, and all De Anza courses combined with courses transferred from other colleges or universities must be with minimum 2.0 ("C") grade point average.
- Students are encouraged to see a counselor or adviser for academic planning and to apply for the degree.

Major Requirements - Complete all course requirements for the following CAD Certificates of Achievement: AutoDesk, Pro/ENGINEER, and SolidWorks, plus the following:

| | | |
|----------------------|--|----|
| CDI 51 | Geometric Dimensioning and Tolerancing | 2 |
| Total Units Required | | 46 |