

SCHEDULE: k k k 'XYUnUYXi #XJ

Spring 2010 Courses/Sections

Legend: * = Distance Learning + = Learning in Communities # = Off Main Campus

Department: [CAD and Digital Imaging](#) *Link opens new window.*

System last updated: 1/25/2010 (24 hour)

Call #	Course	Title	Time	Days	Instructor	Location
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CDI 51: Geometric Dimensioning and Tolerancing

Unit: 2 || Hours: Four hours lecture-laboratory. || Materials Fee: \$1.00 || Formerly: (Formerly CAD and Digital Imaging 51C.) ||

Course Description: Geometric dimensioning and tolerancing, utilizing ANSI Y 14.5M Standards as they apply to engineering and manufacturing drawings and machining.

2838	* CDI -051.-64Z	Geometric Dimensioning and Tolerancing (L-L)	TBA	TBA	BENZIO JR	LC107
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Course Notes (Spring): CDI -051.-64Z: Online Course. Students must have access to a computer with appropriate CAD software, the Web and an individual email address. Information on REQUIRED online orientation available at <http://www.deanza.edu/distance/>

CDI 56: Special Projects in CAD

Unit: 1 || Hours: Three hours laboratory for each unit of credit. || Repeatability: (Any combination of CAD and Digital Imaging 56, 56X and 56Y may be taken up to six times, not to exceed 18 units, as long as the projects are different each time.) ||

Prerequisites: Prerequisite: Approved Special Projects Contract and appropriate technical background to support the completion of project objectives.

Course Description: Projects advancing student's knowledge and experience in a selected area of CAD.

0432	CDI -056.-65R	Special Projects in CAD (LAB)	TBA	TBA	LAMIT	TBA
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CDI 56X: Special Projects in CAD

Unit: 2 || Hours: Three hours laboratory for each unit of credit. || Repeatability: (Any combination of CAD and Digital Imaging 56, 56X and 56Y may be taken up to six times, not to exceed 18 units, as long as the projects are different each time.) ||

Prerequisites: Prerequisite: Approved Special Projects Contract and appropriate technical background to support the completion of project objectives.

Course Description: Projects advancing student's knowledge and experience in a selected area of CAD.

0433	CDI -056X-65R	Special Projects in CAD (LAB)	TBA	TBA	LAMIT	TBA
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CDI 56Y: Special Projects in CAD

Unit: 3 || Hours: Three hours laboratory for each unit of credit. || Repeatability: (Any combination of CAD and Digital Imaging 56, 56X and 56Y may be taken up to six times, not to exceed 18 units, as long as the projects are different each time.) ||

Prerequisites: Prerequisite: Approved Special Projects Contract and appropriate technical background to support the completion of project objectives.

Course Description: Projects advancing student's knowledge and experience in a selected area of CAD.

0434	CDI -056Y-65R	Special Projects in CAD (LAB)	TBA	TBA	LAMIT	TBA
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CDI 60D: SolidWorks (Beginning)

Unit: 4 || Hours: Eight hours lecture-laboratory. || Materials Fee: \$1.00 ||

Course Description: Fundamentals of computer-aided design and drafting using SolidWorks software. Application of SolidWorks in creating manufacturing models.

2845	CDI -060D-01	SolidWorks (Beginning) (L-L)	8:30AM-12:15	TTh	KLINGMAN	AT301
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2846	CDI -060D-61	SolidWorks (Beginning) (L-L)	6:00PM- 9:45	TTh	KLINGMAN	AT301
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CDI 61D: SolidWorks (Intermediate)

Unit: 4 || Hours: Eight hours lecture-laboratory. || Materials Fee: \$1.00 ||

Prerequisites: Prerequisite: CAD and Digital Imaging 60D.**Course Description:** Intermediate-level application of SolidWorks in creating solid models and drawings. Introduction to surface features and basic surfacing techniques.

2847	CDI -061D-01	SolidWorks (Intermediate) (L-L)	8:30AM-12:15	MW	KLINGMAN	AT301
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CDI 62D: SolidWorks (Advanced)

Unit: 4 || Hours: Eight hours lecture-laboratory. ||

Prerequisites: Prerequisite: CAD and Digital Imaging 61D.**Course Description:** Advanced CAD modeling techniques using SolidWorks. Emphasis is on surface modeling and "top-down" design.

2848	CDI -062D-01	SolidWorks (Advanced) (L-L)	8:30AM-12:15	MW	KLINGMAN	AT301
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CDI 63D: SolidWorks (SURFACES)

Unit: 4 || Hours: Eight hours lecture-laboratory. ||

Course Description: Surface design using SolidWorks software. Application of surfaces in creating product models and molds for industry.

2849	CDI -063D-61	SolidWorks (SURFACES) (L-L)	6:00PM- 9:45	MW	TANNA	AT301
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CDI 69D: SolidWorks (Update)

Unit: 4 || Hours: Eight hours lecture-laboratory. ||

Course Description: Principles and application changes in the SolidWorks software and system. Designed to upgrade users to the latest version yearly.

2864	CDI -069D-01	SolidWorks (Update) (L-L)	8:30AM-12:15	TTh	KLINGMAN	AT301
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CDI 70D: Pro/ENGINEER Wildfire 5.0 (Beginning)

Unit: 4 || Hours: Eight hours lecture-laboratory. || Materials Fee: \$1.00 ||

Course Description: Fundamentals of part design, using Pro/ENGINEER. Application of operating system, software, hardware, and peripherals in creating 3-D manufacturing models with Pro/ENGINEER.

2858	* CDI -070D-64Z	Pro/ENGINEER Wildfire 5.0 (Beginning) (L-L)	TBA	TBA	LAMIT	LC107
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Course Notes (Spring): CDI -070-64Z: Online Course. Students must have access to a computer with appropriate release of Pro/ENGINEER software, the Web and an individual email address. Information on REQUIRED online orientation available at <http://www.deanza.edu/distance/>

2850	CDI -070D-61	Pro/ENGINEER Wildfire 5.0 (Beginning) (L-L)	6:00PM- 9:45	MW	LAMIT	AT313
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CDI 71D: Pro/ENGINEER Wildfire 5.0 (Intermediate)

Unit: 4 || Hours: Eight hours lecture-laboratory. || Materials Fee: \$1.00 ||

Prerequisites: Prerequisite: CAD and Digital Imaging 70D.

Course Description: Assembly creation and drawing output using Pro/ENGINEER.

2853	* CDI -071D-64Z	Pro/ENGINEER Wildfire 5.0 (Intermediate) (L-L)	TBA	TBA	LAMIT	LC107
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Course Notes (Spring): CDI -071-64Z: Online Course. Students must have access to a computer with appropriate release of Pro/ENGINEER software, the Web and an individual email address. Information on REQUIRED online orientation available at <http://www.deanza.edu/distance/>

2852	CDI -071D-61	Pro/ENGINEER Wildfire 5.0 (Intermediate) (L-L)	6:00PM- 9:45	TTh	LAMIT	AT313
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CDI 72D: Pro/ENGINEER Wildfire 5.0 (Advanced)

Unit: 4 || Hours: Eight hours lecture-laboratory. || Materials Fee: \$1.00 ||

Prerequisites: Prerequisite: CAD and Digital Imaging 71D.

Course Description: Advanced CAD using Pro/ENGINEER including fixture design, and manufacturing using Pro/NC, and Expert Machinist.

2854	* CDI -072D-64Z	Pro/ENGINEER Wildfire 5.0 (Advanced) (L-L)	TBA	TBA	LAMIT	LC107
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Course Notes (Spring): CDI -072-64Z: Online Course. Students must have access to a computer with appropriate release of Pro/ENGINEER software, the Web and an individual email address. Information on REQUIRED online orientation available at <http://www.deanza.edu/distance/>

CDI 76D: Pro/ENGINEER Wildfire 5.0 (Pro/CABLE)

Unit: 4 || Hours: Eight hours lecture-laboratory. || Materials Fee: \$1.00 ||

Prerequisites: Prerequisite: CAD and Digital Imaging 71D.

Course Description: Pro/CABLE Design using Pro/ENGINEER software. Application of Pro/CABLE in creating manufacturing models.

2855	CDI -076D-01L	Pro/ENGINEER Wildfire 5.0 (Pro/CABLE) (L-L)	8:30AM- 4:20	S	GEE	AT313
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CDI 79D: Pro/ENGINEER Wildfire 5.0 (Pro/ Update)

Unit: 4 || Hours: Eight hours lecture-laboratory. || Materials Fee: \$1.00 ||

Prerequisites: Prerequisite: CAD and Digital Imaging 70D.

Course Description: Principles and application changes in the Pro/ENGINEER software system. Designed to upgrade users to the latest version yearly.

2856	CDI -079D-61	Pro/ENGINEER Wildfire 5.0 (Pro/ Update) (L-L)	6:00PM- 9:45	MW	LAMIT	AT313
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2857	CDI -079D-62	Pro/ENGINEER Wildfire 5.0 (Pro/ Update) (L-L)	6:00PM- 9:45	TTh	LAMIT	AT313
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CDI 80C: AutoCAD (Beginning)

Unit: 4 || Hours: Eight hours lecture-laboratory. ||

Course Description: Principles and applications of computer-aided design and drafting using AutoCAD software. Emphasis on 2-D drawings and dimensioning.

2859	CDI -080C-01	AutoCAD (Beginning) (L-L)	8:30AM- 4:20	S	KEITH	AT301
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CDI 81C: AutoCAD (Intermediate)

Unit: 4 || Hours: Eight hours lecture-laboratory. || Materials Fee: \$1.00 ||

Prerequisites: Prerequisite: CAD and Digital Imaging 80C.

Course Description: Intermediate mechanical design using AutoCAD software. Emphasis is on the CAD design process and drawing production. Drawings will be produced in 2-D and 3-D.

2860	CDI -081C-01	AutoCAD (Intermediate) (L-L)	8:30AM- 4:20	S	KEITH	AT301
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CDI 100Z: CAD Technology Laboratory

Unit: 2 || Hours: Three hours laboratory for each unit of credit. || Materials Fee: \$1.00 || Repeatability: (Any combination of CAD and Digital Imaging 100, 100X, 100Y and 100Z may be taken up to six times for credit.) ||

Prerequisites: Corequisite: Any CAD and Digital Imaging course.

Course Description: Use of CAD Technology labs for those who need/desire more time to complete application assignments.

0452	CDI -100Z-01	CAD Technology Laboratory (LAB)	12:30PM- 1:55	MTWTh	KLINGMAN	AT301
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2861	CDI -100Z-01L	CAD Technology Laboratory (LAB)	10:30AM- 4:10	S	GEE	AT313
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0453	CDI -100Z-02	CAD Technology Laboratory (LAB)	6:00PM- 8:45	TTh	LAMIT	AT313
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0455	CDI -100Z-03	CAD Technology Laboratory (LAB)	4:30PM- 5:50	MTWTh	LAMIT	AT301
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2863	CDI -100Z-04	CAD Technology Laboratory (LAB)	6:00PM- 8:45	MW	LAMIT	AT313
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