

CDI Schedule Winter 2010 : Rev. 10-2-2010
More information at www.deanza.edu/CDI

Winter 2011 CDI "CAD" Courses.

Legend:

* = Distance/Hybrid

+ = Learning in Communities

^ = Community Service Learning

= Off-Campus

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

Call #	Course	Title	Time	Days	Instructor	Location
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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: Consent of instructor and division dean.

Course Description: Projects advancing student's knowledge and experience in a selected area of CAD. Student will complete project objectives/requirements as determined in 3, 4, and 5 of the Special Projects Contract.

00376	CDI-056.-65R	Special Projects in CAD (TBA)	TBA	TBA	LAMIT, GARY	TBA
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Course Notes (Winter): CDI -056.-65R: Projects advancing student's knowledge and experience in a selected area of CAD. Project type and design will be determined through consultation with the instructor.

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: Consent of instructor and division dean.

Course Description: Projects advancing student's knowledge and experience in a selected area of CAD. Student will complete project objectives/requirements as determined in 3, 4, and 5 of the Special Projects Contract.

00377	CDI-056X-65R	Special Projects in CAD (TBA)	TBA	TBA	LAMIT, GARY	TBA
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Course Notes (Winter): CDI -056X-65R: Projects advancing student's knowledge and experience in a selected area of CAD. Project type and design will be determined through consultation with the instructor.

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: Consent of instructor and division dean.

Course Description: Projects advancing student's knowledge and experience in a selected area of CAD. Student will complete project objectives/requirements as determined in 3, 4, and 5 of the Special Projects Contract.

00378	CDI-056Y-65R	Special Projects in CAD (TBA)	TBA	TBA	LAMIT, GARY	TBA
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Course Notes (Winter): CDI -056Y-65R: Projects advancing student's knowledge and experience in a selected area of CAD. Project type and design will be determined through consultation with the instructor.

CDI 60E: 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.

30105	CDI-060E-01	SolidWorks (Beginning) (CLAS)	08:30 AM-12:15 PM	TTh	KLINGMAN, PAUL	AT301
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30502	* CDI-060E-63Z	SolidWorks (Beginning) (TBA)	TBA	TBA	TANNA, SANJEEV	AT301
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Course Notes (Winter): CDI-060E-63Z: Online Course. Students must have access to a computer with appropriate release of SolidWorks software, the Web and an individual email address. Consider taking a CDI100 CAD Lab class for access to the lab. Information on REQUIRED online orientation available at <http://www.deanza.edu/distance/>

30501	CDI-060E-64	SolidWorks (Beginning) (CLAS)	06:00 PM-09:45 PM	TTh	TANNA, SANJEEV	AT301
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CDI 61E: SolidWorks (Intermediate)

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

Prerequisites: Prerequisite: CAD and Digital Imaging 60E.

Course Description: Intermediate-level application of SolidWorks in creating solid models and drawings. Introduction to surface features and basic surfacing techniques.

30099	CDI-061E-01	SolidWorks (Intermediate) (CLAS)	08:30 AM-12:15 PM	MW	KLINGMAN, PAUL	AT301
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30100	* CDI-061E-63Z	SolidWorks (Intermediate) (TBA)	TBA	TBA	KLINGMAN, PAUL	AT301
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Course Notes (Winter): Online Course. Students must have access to a computer with appropriate release of SolidWorks software, the Web and an individual email address. Consider taking a CDI100 CAD Lab class for access to the lab. Information on REQUIRED online orientation available at <http://www.deanza.edu/distance/>

CDI 62E: SolidWorks (Advanced)

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

Prerequisites: Prerequisite: CAD and Digital Imaging 61E.

Course Description: Advanced CAD modeling techniques using SolidWorks. Emphasis is on surface modeling and "top-down" design.

30097	CDI-062E-01	SolidWorks (Advanced) (CLAS)	08:30 AM-12:15 PM	MW	KLINGMAN, PAUL	AT301
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30098	* CDI-062E-63Z	SolidWorks (Advanced) (TBA)	TBA		TBA KLINGMAN, PAUL	AT301
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Course Notes (Winter): Online Course. Students must have access to a computer with appropriate release of SolidWorks software, the Web and an individual email address. Consider taking a CDI100 CAD Lab class for access to the lab. Information on REQUIRED online orientation available at <http://www.deanza.edu/distance/>

CDI 70D: Pro/ENGINEER Wildfire (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.

30095	CDI-070D-61	Pro/ENGINEER Wildfire (Beginning) (CLAS)	06:00 PM-09:45 PM	MW	LAMIT, GARY	AT313
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30096	* CDI-070D-63Z	Pro/ENGINEER Wildfire (Beginning) (TBA)	TBA		TBA LAMIT, GARY	AT313
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Course Notes (Winter): Online Course. Students must have access to a computer with appropriate release of Pro/ENGINEER software, the Web and an individual email address. Consider taking a CDI100 CAD Lab class for access to the lab. Information on REQUIRED online orientation available at <http://www.deanza.edu/distance/>

CDI 71D: Pro/ENGINEER Wildfire (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.

30093	CDI-071D-61	Pro/ENGINEER Wildfire (Intermediate) (CLAS)	06:00 PM-09:45 PM	MW	LAMIT, GARY	AT313
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30094	* CDI-071D-63Z	Pro/ENGINEER Wildfire (Intermediate) (TBA)	TBA		TBA LAMIT, GARY	AT313
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Course Notes (Winter): Online Course. Students must have access to a computer with appropriate release of Pro/ENGINEER software, the Web and an individual email address. Consider taking a CDI100 CAD Lab class for access to the lab. Information on REQUIRED online orientation available at <http://www.deanza.edu/distance/>

CDI 72D: Pro/ENGINEER Wildfire (Advanced)

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

Prerequisites: Prerequisite: CAD and Digital Imaging 71D.

Course Description: Advanced design and photo-rendering modules and capabilities from Pro/ENGINEER are used to create unique designs and display them in a realistic, lifelike setting.

30091	* CDI-072D-63Z	Pro/ENGINEER Wildfire (Advanced) (TBA)	TBA		TBA LAMIT, GARY	AT313
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Course Notes (Winter): Online Course. Students must have access to a computer with appropriate release of Pro/ENGINEER software, the Web and an individual email address. Consider taking a CDI100 CAD Lab class for access to the lab. Information on REQUIRED online orientation available at <http://www.deanza.edu/distance/>

30488	CDI-072D-64	Pro/ENGINEER Wildfire (Advanced) (CLAS)	06:00 PM-09:45 PM	MW	LAMIT, GARY	AT313
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CDI 73D: Pro/ENGINEER Wildfire (Pro/SHEETMETAL)

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

Prerequisites: Prerequisite: CAD and Digital Imaging 70D.**Course Description:** Principles of sheet metal design using Pro/ENGINEER Pro/SHEETMETAL.

30089	CDI-073D-01L	Pro/ENGINEER Wildfire (Pro/SHEETMETAL) (CLAS)	08:30 AM-04:20 PM	S	GEE, JAMES	AT313
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30090	* CDI-073D-63Z	Pro/ENGINEER Wildfire (Pro/SHEETMETAL) (TBA)	TBA	TBA	GEE, JAMES	AT313
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Course Notes (Winter): Online Course. Students must have access to a computer with appropriate release of Pro/ENGINEER software, the Web and an individual email address. Consider taking a CDI100 CAD Lab class for access to the lab. Information on REQUIRED online orientation available at <http://www.deanza.edu/distance/>**CDI 79D: Pro/ENGINEER Wildfire (Update)**

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

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

30457	* CDI-079D-63Z	Pro/ENGINEER Wildfire (Update) (TBA)	TBA	TBA	LAMIT, GARY	AT313
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Course Notes (Winter): Online Course. Students must have access to a computer with appropriate release of Pro/ENGINEER software, the Web and an individual email address. Consider taking a CDI100 CAD Lab class for access to the lab. Information on REQUIRED online orientation available at <http://www.deanza.edu/distance/>**CDI 80D: 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 2D drawings and dimensioning.

30084	CDI-080D-01	AutoCAD (Beginning) (CLAS)	08:30 AM-12:15 PM	MW	FEILLER, THOMAS	AT313
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30085	CDI-080D-01L	AutoCAD (Beginning) (CLAS)	08:30 AM-04:20 PM	S	KEITH, STEVEN	AT301
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30086	* CDI-080D-63Z	AutoCAD (Beginning) (TBA)	TBA	TBA	KEITH, STEVEN	AT301
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Course Notes (Winter): Online Course. Students must have access to a computer with appropriate release of AutoCAD software, the Web and an individual email address. Consider taking a CDI100 CAD Lab class for access to the lab. Information on REQUIRED online orientation available at <http://www.deanza.edu/distance/>**CDI 85D: AutoDesk Inventor**

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

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

30059	CDI-085D-61	AutoDesk Inventor (CLAS)	06:00 PM-09:45 PM	MW	BENZIO, ROBERT	AT301
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30066	* CDI-085D-63Z	AutoDesk Inventor (TBA)	TBA	TBA	BENZIO, ROBERT	AT301
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Course Notes (Winter): Online Course. Students must have access to a computer with appropriate release of AutoDesk Inventor software, the Web and an individual email address. Consider taking a CDI100 CAD Lab class for access to the lab. Information on REQUIRED online orientation available at <http://www.deanza.edu/distance/>

CDI 95A: CATIA (Beginning)

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

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

30057	CDI-095A-61	CATIA (Beginning) (CLAS)	06:00 PM-09:45 PM	TTh	LOUIE, KENNETH	AT313
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30083	* CDI-095A-63Z	CATIA (Beginning) (TBA)	TBA	TBA	LOUIE, KENNETH	AT313
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Course Notes (Winter): Online Course. Students must have access to a computer with appropriate release of CATIA software, the Web and an individual email address. Consider taking a CDI100 CAD Lab class for access to the lab. Information on REQUIRED online orientation available at <http://www.deanza.edu/distance/>

CDI 100X: CAD Technology Laboratory

Unit: 1 || 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.

30062	CDI-100X-01	CAD Technology Laboratory (LAB)	12:30 PM-01:55 PM	TTh	LAMIT, GARY	AT313
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30063	CDI-100X-02	CAD Technology Laboratory (LAB)	12:30 PM-01:55 PM	MW	KLINGMAN, PAUL	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.

00400	CDI-100Z-01	CAD Technology Laboratory (LAB)	03:00 PM-05:50 PM	MW	LAMIT, GARY	AT313
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00396	CDI-100Z-01L	CAD Technology Laboratory (LAB)	10:30 AM-04:20 PM	S	GEE, JAMES	AT313
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00401	CDI-100Z-61	CAD Technology Laboratory (LAB)	06:00 PM-08:45 PM	MW	LAMIT, GARY	AT313
00404	CDI-100Z-64	CAD Technology Laboratory (LAB)	06:00 PM-08:45 PM	TTh	TANNA, SANJEEV	AT313

