

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
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## Drafting - Mechanical

### DRAF 101 Beginning Computer Aided Design (CAD) 3 Units

Strongly recommended: ENGL 099 or READ 099 if required by English placement or if required by English level.

A basic course for pre-engineering, pre-architecture students, and other students who have no previous Computer Aided Design (CAD) and mechanical drawing experience. 36 lecture hours, 72 lab hours. CSU

30630	Yu, J.	TR	08:00 AM-08:50 AM	PC 304	02/19-06/15
	Yu, J.	TR	09:00 AM-11:10 AM	PC 306	02/19-06/15
31888	Rodriguez, E.	TR	06:00 PM-06:50 PM	PC 304	02/19-06/15
	Rodriguez, E.	TR	07:00 PM-09:10 PM	PC 306	02/19-06/15

### DRAF 102 Visual Communication 2.5 Unit:

Strongly recommend: DRAF 101.

Visual communication of axonometric, oblique, and one, and two-point perspective drawings. Natural and man-made forms are analyzed. Color and texture of form are studied as they are revealed by light, shade, and shadow.

Students' perceptions of subject matter are translated into convincing visual expressions by learning the graphic skills and the use of a variety of media. Students sketch, draw, and render projects. 36 lecture hours, 36 lab hours.

30650	Tabata, F.	TR	03:30 PM-04:35 PM	PC 309	02/19-06/15
	Tabata, F.	TR	04:45 PM-05:35 PM	PC 306	02/19-06/15

### DRAF 160 Intermediate Computer Aided Design (CAD) 2.5 Unit:

Strongly recommended: DRAF 101 or one year of high school drafting. Also, ENGL 099 or READ 099 if required by English placement exam or if required by English level.

An intermediate course in which the CAD system is applied to special problems in design. Techniques in creating symbol libraries are explored. Proper and efficient methods of producing plan views, sections, details and elevations are introduced along with dimensioning fundamentals and sheet layout.

36 lecture hours, 36 lab hours. CSU

30645	Au, S.	MW	03:45 PM-04:50 PM	PC 306	02/19-06/15
	Au, S.	MW	05:00 PM-05:50 PM	PC 304	02/19-06/15

### DRAF 161 Advanced Computer Aided Design (CAD) 2.5 Unit:

Prerequisite: DRAF 160.

Recommended Skill: DRAF 101.

An advanced Computer Aided Design (CAD) course developing 2D and 3D design projects. 36 lecture hours, CSU

30621	Au, S.	MW	06:00 PM-06:50 PM	PC 306	02/19-06/15
	Au, S.	MW	07:00 PM-08:05 PM	PC 304	02/19-06/15