

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
-----	------------	------	------	------	---	-----	------------	------	------	------	---

Drafting - Architectural

DRAF 150 Introduction to Architecture 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.

A non-drafting course for students interested in exploring the fields of architecture and architectural technology and developing a working knowledge of the planning and design of a residence. 54 lecture hours. CSU

31267	Fernandes, R.	MW	08:00 AM-09:25 AM	PC 314	02/23-06/18
31269	Fernandes, R.	MW	06:00 PM-07:25 PM	PC 314	02/23-06/18

DRAF 151 Basic Floor Plans and Functional Design 3 Units

Strongly recommended: DRAF 101 or 150. Also, READ 099 if required by reading placement exam or if required by reading level.

Introduction to Architectural graphic communication skills including: traditional pencil drawing and state of the art computer drawing. Analyze and apply Architectural theory, principles and techniques in orthographic presentation drawings including floor plans, foundations, sections, design problems, lettering, line work, drawing to scale, symbols, notes, dimensions and three dimensional model making. Examination of presentation types and how they can be utilized to communicate architectural ideas. 36 lecture hours, 72 lab hours. CSU

30612	Fernandes, R.	MW	09:35 AM-10:25 AM	PC 304	02/23-06/18
	Fernandes, R.	MW	10:35 AM-12:45 PM	PC 306	02/23-06/18
31281	Tabata, F.	TR	06:00 PM-07:00 PM	PC 304	02/23-06/18
	Tabata, F.	TR	07:00 PM-09:10 PM	PC 306	02/23-06/18

DRAF 152 Basic Residential Structure Design and Drafting 3 Units

Prerequisite: DRAF 150 and 151 (151 may be taken concurrently).

Architectural drafting including: details of construction, framing of walls, ceilings and roofs, interior and exterior elevations, and cabinet details. Drafting techniques for completing a set of working drawings. 36 lecture hours, 72 lab hours. CSU

30613	Fernandes, R.	MW	01:35 PM-02:25 PM	PC 304	02/23-06/18
	Fernandes, R.	MW	10:35 AM-12:45 PM	PC 306	02/23-06/18

DRAF 154 Commercial and Industrial Buildings 3 Units

Prerequisite: DRAF 152.

Designing and detailing small business and manufacturing buildings. Code requirements, special materials, and functional requirements.

36 lecture hours, 72 lab hours. CSU

30620	Fernandes, R.	MW	02:35 PM-03:25 PM	PC 304	02/23-06/18
	Fernandes, R.	MW	10:35 AM-12:45 PM	PC 306	02/23-06/18

DRAF 160 Introduction to Architectural CAD 2 Units

Strongly recommended: DRAF 101 or one year of high school drafting and READ 099 if required by reading placement exam or if required by reading 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	01:00 PM-02:00 PM	PC 309	02/23-06/18
	Au, S.	MW	02:00 PM-03:05 PM	PC 309	02/23-06/18
31320	Fernandes, R.	T	05:45 PM-07:45 PM	PC 309	02/23-06/18
	Fernandes, R.	T	07:45 PM-10:00 PM	PC 309	02/23-06/18

Drafting - Mechanical

DRAF 101 Computer Aided Design and Mechanical Drawing 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-09:00 AM	PC 304	02/23-06/18
	Yu, J.	TR	09:00 AM-11:10 AM	PC 306	02/23-06/18

30989	Rodriguez, E.	MW	06:00 PM-07:00 PM	PC 304	02/23-06/18
	Rodriguez, E.	MW	07:00 PM-09:10 PM	PC 306	02/23-06/18

DRAF 102 Technical Illustration 2.5 Units

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. CSU

30650	Tabata, F.	TR	03:30 PM-04:30 PM	PC 304	02/23-06/18
	Tabata, F.	TR	04:30 PM-05:35 PM	PC 306	02/23-06/18

DRAF 109 Intermediate Computer Aided Drafting (CAD) 2 Units

Strongly recommended: DRAF 101 or drafting industry experience. Also, READ 099 if required by reading placement exam or if required by reading level.

This course provides an overview of the application of microcomputers to the production of technical drawings and other computer graphics. Lectures, discussions, audiovisuals, outside reading and supervised computer laboratory projects are among the means employed to develop a comprehensive introduction to CAD. This course may be taken twice. 36 lecture hours, 36 lab hours. CSU

30644	Au, S.	MW	01:00 PM-02:00 PM	PC 309	02/23-06/18
	Au, S.	MW	02:00 PM-03:05 PM	PC 309	02/23-06/18
31319	Au, S.	T	05:45 PM-07:40 PM	PC 309	02/23-06/18
	Au, S.	T	07:45 PM-10:00 PM	PC 309	02/23-06/18

DRAF 111 Advanced Computer Aided Design and Drafting-Mechanical (CADD) 2 Units

Strongly recommended: DRAF 109 or DRAF 160 or ENGR 125.

Presents advanced Computer Aided Design and Drafting techniques used in the production of mechanical drawings, 3-D design and the management of AutoCAD. 36 lecture hours, 36 lab hours. CSU

30622	Au, S.	MW	03:30 PM-04:30 PM	PC 304	02/23-06/18
	Au, S.	MW	04:30 PM-05:35 PM	PC 306	02/23-06/18

DRAF 158 Perspective 2 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level.

Projected control of one and two point perspective drawings, exterior and interior projects, shading and rendering of presentation drawings. 18 lecture hours, 54 lab hours. CSU

30651	Tabata, F.	TR	03:30 PM-04:30 PM	PC 304	02/23-06/18
	Tabata, F.	TR	04:30 PM-05:35 PM	PC 306	02/23-06/18

DRAF 161 Residential CAD 2 Units

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	03:30 PM-04:30 PM	PC 304	02/23-06/18
	Au, S.	MW	04:30 PM-05:35 PM	PC 306	02/23-06/18