

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 - 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

21253	Fernandes, R.	MW	08:00 AM-09:25 AM	PC 314	08/28-12/18
21284	Fernandes, R.	MW	06:00 PM-07:25 PM	PC 314	08/28-12/18

### 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

21292	Fernandes, R.	MW	09:30 AM-10:30 AM	PC 304	08/28-12/18
	Fernandes, R.	F	09:00 AM-01:25 PM	PC 306	08/28-12/18

### DRAF 153 Advanced Residential Detailing and Design 3 Units

Prerequisite: DRAF 152.

Design and detail drawing of two story and split level homes. Special requirements for sloping lots, under house garages, and basements.

Architectural styles typical of larger homes. 36 lecture hours, 72 lab hours. CSU

21293	Fernandes, R.	MW	10:30 AM-11:25 AM	PC 304	08/28-12/18
	Fernandes, R.	F	09:00 AM-01:25 PM	PC 306	08/28-12/18

### 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.

21347	Fernandes, R.	MW	12:00 PM-02:05 PM	PC 309	08/28-12/18
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## Drafting - Com Gen Imagery CGI

### DRAF 190 Computer Imaging Practices for Industry and Architecture 3 Units

An advanced practical projects course using Alias/Wavefront Maya, 3D Studio Max, and other current industry standard software designed to complete the student's preparation for employment. This course may be taken four times.

21290	Au, S.	MW	06:00 PM-08:30 PM	PC 304	08/28-12/18
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### DRAF 290 Learning Maya Introduction 3 Units

Introduction to modeling, animate and render using Maya with a focus on establishing a working knowledge of Maya's animation tools and techniques, this course builds a solid foundation for developing character animation and special effects sequences. The course uses the two different sections of the Learning Maya tutorial book to provide the student with an overview of the Maya environment and how it can be applied to their work. 36 lecture hours, 54 lab hours.

21291	Au, S.	MW	06:00 PM-08:30 PM	PC 304	08/28-12/18
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## Drafting - Mechanical

### DRAF 101 Computer Aided Design and Mechanical Drawing 3 Units

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

A basic course for pre-engineering, pre-architecture students, and others who have had no previous Computer Aided Design (CAD) or mechanical drawings.

36 lecture hours, 72 lab hours. CSU

21294	Yu, J.	TR	08:00 AM-09:00 AM	PC 304	08/28-12/18
	Yu, J.	TR	09:00 AM-11:10 AM	PC 306	08/28-12/18
21296	Tabata, F.	TR	06:00 PM-06:45 PM	PC 304	08/28-12/18
	Tabata, F.	TR	06:50 PM-09:10 PM	PC 306	08/28-12/18

### 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

21346	Fernandes, R.	MW	12:00 PM-02:05 PM	PC 309	08/28-12/18
21282	Au, S.	T	05:45 PM-10:00 PM	PC 309	08/28-12/18

### DRAF 149 Introduction to Portfolio Preparation 3 Units

Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Also, DRAF 151, 152 or ART 111 and 120.

A course for students to develop individual student portfolios. Development of portfolios will include architectural Computer Generated Imagery (CGI), multimedia, other design technology techniques, free hand drawing, 2D - 3D art and rendering. Students will develop career goals and knowledge required to understand various design professions for interviews in industry. 36 lecture hours, 54 lab hours. CSU

21283	Fernandes, R.	MW	02:15 PM-04:45 PM	PC 304	08/28-12/18
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