

CD 190 Occupational Work Experience/Child Development

Units: 1.0 TO 4.0 **Hours:** 5.0 TO 20.0 Laboratory
Transferable: CSU

College credit for learning experience obtained on the job in accordance with a training plan developed cooperatively between the employer, college and student. 75 hours per semester per unit or 60 hours per semester for unpaid experience. This is a pass/no pass course. May be taken for a maximum of 16 work experience units. **REQUIRED:** Declared vocational major. Concurrent enrollment in seven or more units (including CWE units, except for summer school. For summer school, enrollment in one other class is required). Minimum 2.00 G.P.A.

CD 191A Workplace Skills

Units: 1.0 **Hours:** 1.0 Lecture
Transferable: CSU

Workplace Skills teaches skills vital to workplace success. The topic for 191A is Interpersonal Communication. Need not be taken in sequence. This is a pass/no pass course.

CD 191B Workplace Skills

Units: 1.0 **Hours:** 1.0 Lecture
Transferable: CSU

Workplace Skills teaches skills vital to workplace success. The topic for 191B is Team Building. Need not be taken in sequence. This is a pass/no pass course.

CD 191C Workplace Skills

Units: 1.0 **Hours:** 1.0 Lecture
Transferable: CSU

Workplace Skills teaches skills vital to workplace success. The topic for 191C is Problem Solving. Need not be taken in sequence. This is a pass/no pass course.

CD 219 Spanish Introduction to Child Development at Gavilan College

Units: 1.0 **Hours:** 1.0 Lecture
Transferable: No

This course will orient mono-lingual (Spanish) Child Development students to Gavilan College and the Child Development and Educational Studies (CDES) departments. Students will be provided an overview of campus academic and support services and programs, explore the professional opportunities in the field of Child Development and learn effective strategies for college success. This course has the option of a letter grade or pass/no pass.

CHINESE**CHN 1A Elementary Mandarin**

Units: 5.0 **Hours:** 5.0 lecture 2.5 Laboratory
Transferable: CSU

A comprehensive introduction to elementary Mandarin as a foreign language for students with no background in Mandarin. Emphasis is on listening, speaking and reading Mandarin as a medium of communication within a rich cultural framework, resulting in an active vocabulary of no less than 500 Chinese words and 100 phrases and idiomatic expressions. Writing and translation will be introduced. This course corresponds to one year of high school study. This course has the option of a letter grade or pass/no pass.

CHN 1B Elementary Mandarin

Units: 5.0 **Hours:** 5.0 lecture 2.5 Laboratory
Transferable: CSU

A continuation of Chinese 1A, an introduction to elementary Mandarin as a foreign language, this is a second level of elementary Mandarin. Equal emphasis is on listening, speaking, reading and writing. Students will acquire an active vocabulary of no less than 1000 Chinese words, and 200 phrases and idiomatic expressions in rich cultural context. Mandarin will be the primary medium of instruction. This course has the option of a letter grade or pass/no pass. **PREREQUISITE:** CHN 1A or equivalent.

COMMUNICATION STUDIES**CMUN 1A Introduction to Public Speaking**

Units: 3.0 **Hours:** 3.0 Lecture
Transferable: CSU, UC; CSU-GE:A1, IGETC:1C; GAV-GE:A1; CAN:SPCH4

Basic principles of effective human communication and their function in contemporary public settings; emphasis is on the speech to inform, with special consideration given to fundamental communication skills, including organization, reasoning, explanation and listening. **ADVISORY:** Eligible for English 250 and English 260.

CMUN 2 Oral Reading

Units: 3.0 **Hours:** 3.0 Lecture
Transferable: CSU, UC; CSU-GE:C1; GAV-GE:C1

An introduction to the analysis, preparation and dramatic reading of literature, including classical and contemporary prose, poetry and drama. Students will prepare, analyze and orally present and interpret great works of drama and literature for an audience. This course is also listed as THEA 4. **ADVISORY:** Eligible for English 250 and English 260.

CMUN 4 Intercultural Communication

Units: 3.0 **Hours:** 3.0 Lecture
Transferable: CSU, UC; CSU-GE:D3, D7, IGETC:4G; GAV-GE:D2, F

This course will explore the dynamics of communication as it applies to people from different cultures. Course content focuses on the application of theory and research to intercultural communication contexts. Increasing the awareness and understanding of diversity, the perception process, culture, verbal and non-verbal communication and the obstacles that prevent one from becoming a competent intercultural communicator will be examined.

CMUN 5 Fundamentals of Communication Studies

Units: 3.0 **Hours:** 3.0 Lecture
Transferable: CSU, UC; CSU-GE:A1, IGETC:1C; GAV-GE:A1

This course provides instruction and application of theory and practice in various communication contexts including the self concept, interpersonal, interviewing skills, small group dynamics, and public speaking. Emphasis is placed on analytical and organizational skills, listening, nonverbal and verbal communication, and public speaking communication methodology. **ADVISORY:** English 250 and English 260.

CMUN 6 Introduction to Conflict Resolution

Units: 3.0 **Hours:** 3.0 Lecture
Transferable: CSU; CSU-GE:D7; GAV-GE:D2

Introduction to Conflict Resolution introduces students to conflict resolution and mediation. Integrating theory and practice, students will assess core concepts about the causes and resolution of conflict, and will practice communication skills for conflict resolution. Students will examine how ethnicity, gender, and class affect power in conflict situations. They will be able to formulate appropriate conflict resolution strategies, and will develop and practice various basic co-mediation skills. This course has the option of a letter grade or pass/no pass. This course is also listed as POLS 6, AJ 6 and PSYC 6. **ADVISORY:** English 250 and English 260.

CMUN 8 Interpersonal Communication

Units: 3.0 **Hours:** 3.0 Lecture
Transferable: CSU, UC; CSU-GE:A1, IGETC:1C; GAV-GE:A1

This course studies the communication process in an interpersonal (dyadic) setting. This class will explore the ways in which we can improve our communication with others. Verbal and nonverbal messages, self-concept, cultural differences, gender differences, perception, listening and conflict management will be explored.

CMUN 10 Small Group Communication

Units: 3.0 **Hours:** 3.0 Lecture
Transferable: CSU, UC; CSU-GE:A1, IGETC:1C; GAV-GE:A1; CAN:SPCH10

An introductory course that develops basic individual reasoning skills, insights and experiences in information-sharing, interacting, decision-making, problem-solving, resolution of disputes and other issues central to group processes. **ADVISORY:** Eligible for English 250 and English 260.

CMUN 11 Business Communication

Units: 3.0 **Hours:** 3.0 Lecture
Transferable: CSU

This course will explore business communication contexts by examining organizational cultures, strategic vision and goal setting, leadership managerial roles, and team building communication. Emphasis is placed on analytical and organizational skills, listening, nonverbal and verbal communication, public speaking communication methodology, and domestic and international relations through use of hybrid online and classroom environment for lecture and application. **PREREQUISITE:** English 250. **ADVISORY:** Communication 1A or English 1A.

CMUN 129 Presentation Graphics - MS Powerpoint

Units: 1.0 **Hours:** 1.0 Lecture
Transferable: CSU

This introductory course in presentation graphics will use Microsoft Office's "PowerPoint" software to create a computerized presentation with text and objects. This course has the option of a letter grade or pass/no pass. May be repeated three times for credit. This course is also listed as CSIS 129. **ADVISORY:** CSIS 126 or word processing skills in the Windows environment.

Computer Art: see ART 48A/B, CGD, CSIS or Digital Media

COMPUTER GRAPHICS AND DESIGN

CGD 1 Industrial Sketching and Problem Solving

Units: 2.0 **Hours:** 1.0 lecture 3.0 Laboratory
Transferable: CSU

Graphical problem solving techniques used by professional designers in various fields of application using both traditional freehand and the computer. Emphasis is on developing the mental ability to visualize objects/shapes and their manipulation. This is an open entry exit supervised class. Students may concurrently enroll in CGD 110 or GCD 2L. May be repeated three times for a total of 8 units. **ADVISORY:** Eligible for English 250, English 260 and Mathematics 205. Computer lab work can be done both in lab and off-site.

CGD 2 2D/3D Technical Computer Graphics I

Units: 3.0 **Hours:** 2.0 lecture 3.0 Laboratory
Transferable: CSU

Introduction to graphic and design competencies architects, engineers, game/simulation developers, industrial designers and other careers use when producing and marketing real and/or virtual products. Prepares students to create consumer products, buildings and other designed objects by developing freehand sketches, creating SolidWorks models and/or other graphics while applying theory and knowledge of elements and principles of visual design, creative problem solving, typography, professional ethics and research skills. May be repeated once for credit. This course has the option of a letter grade or pass/no pass. **ADVISORY:** LIB 3 and MATH 404G.

CGD 4 2D/3D Technical Computer Graphics II

Units: 3.0 **Hours:** 2.0 lecture 3.0 Laboratory
Transferable: CSU

Intermediate computer graphics design course expands skills and concepts introduced in CGD 2. Develops design and graphic skills required to create, explain, model, render, and animate products using a problem solving process and knowledge of ergonomics, materials, design principles and color theories. Projects assigned integrate technology with design and focus upon creating, developing and marketing useful products by developing and visually communicating ideas that are necessary for succeeding in desired design career(s). May be repeated once for credit. **ADVISORY:** Completion of CGD 2 with a grade of C or better.

CGD 6 Advanced Technical Computer Graphics

Units: 4.0 **Hours:** 2.0 lecture 6.0 Laboratory
Transferable: CSU

Computer design in precision manufacturing. Applied geometry, mathematics for layout, and tolerancing. Advanced design processes and documentation for the designer. Students may concurrently enroll in CGD 110. An open entry/exit course. **ADVISORY:** Eligible for English 250, 260 and Mathematics 233. Computer lab work can be done both in lab and off-site.

CGD 8 Advanced Computer Graphics for Design Application I

Units: 3.0 **Hours:** 2.0 lecture 3.0 Laboratory
Transferable: CSU

Advanced course in applied computer graphics and associated interdisciplinary design proficiencies required by careers that design, engineer, manufacture and/or market products. Applies theories, principles and skills covered in CGD 4 and integrates business, sustainable design, and hybrid products. Design solutions reflect technical understanding, aesthetic principles and addresses societal needs in a cost effective manner. Presentations include animating and rendering models of real and/or virtual products that address human factors/ergonomics, usability, life cycle analysis and sustainability. Portfolios support advancement in student-selected career pathways by communicating competence in computer graphics and design. May be repeated once for credit. **ADVISORY:** Eligible for English 250, 260 and Mathematics 233.

CGD 9 Advanced Computer Graphics for Design Application II

Units: 3.0 **Hours:** 2.0 lecture 3.0 Laboratory
Transferable: CSU

Advanced computer graphics and design course that combines technical computer graphic skills with interdisciplinary design proficiencies including creating computer imagery, transformations, and rendering to create 3D model using geometric primitives, projections for computer animation and data visualization. Includes structural analysis and emphasis on developing products that include ergonomic features and sustainable materials. Work within electronic portfolio demonstrates skills and knowledge of technical graphic design to visualize, develop and present products to meet societal needs. **ADVISORY:** Satisfactory score on the English placement exam or a grade C or better in English 250, completion of Mathematics 233 or satisfactory Mathematics placement. Completion of CGD 2 and CGD 8 with a grade of C or better. Computer lab work can be done both in lab and off-site.

CGD 30 Introduction to Environmental Design

Units: 3.0 **Hours:** 2.0 lecture 3.0 Laboratory
Transferable: CSU

Develops skills and computer aided design (CAD) skills necessary for designing and producing a set of plans for an array of environmental projects, such as residential remodels, landscape projects, interior design and other small construction projects. Includes introduction to building codes, sustainable design concepts, specifications and other architectural construction document basics necessary for getting permits and entering environmental design careers.

CGD 110 Computer Graphics Lab

Units: 1.0 TO 4.0 **Hours:** 3.0 TO 12.0 Laboratory
Transferable: CSU

Complements computer graphics and art courses by providing additional competence in software applications, libraries, and graphical user interfaces to support computer graphics and design projects by providing supervised practice and individualized computer assisted learning on software and techniques commonly found in the computer graphic design field. This is an open entry/exit class and may be repeated three times for credit. This course has the option of a letter grade or pass/no pass. **ADVISORY:** Concurrent enrollment in corresponding computer graphic and design classes. Computer lab work can be done both in lab and off-site.

General Education Requirements, pages 47-57