



Addendum to the 2015-2016 Catalog

Additions to the Catalog:

CHINESE 120 – CHINESE I

5 UNITS

5 hours lecture

Introduction to the Chinese language and the culture of its speakers. Designed for students with very little or no knowledge of Chinese. Facilitates the practical application of the language in everyday oral and written communication at the beginning level. Since the focus will be on basic communication skills, the class will be conducted in Mandarin Chinese as much as possible. Students will learn structures that will enable them to function in Chinese in everyday contexts.

AA/AS GE, CSU

CHINESE 121 – CHINESE II

5 UNITS

Prerequisite: "C" grade or higher or "Pass" in CHIN 120 or two years of high school Chinese or equivalent

5 hours lecture

Continuation of CHIN 120. Continues to develop oral and written skills based on practical everyday needs.

AA/AS GE, CSU

CHINESE 220 – CHINESE III

5 UNITS

Prerequisite: "C" grade or higher or "Pass" in CHIN 121 or three years of high school Chinese or equivalent

5 hours lecture

Continuation of CHIN 121. Continues to develop oral, listening, reading and writing skills in order to acquire proficiency in Mandarin Chinese.

AA/AS GE, CSU

CHINESE 221 – CHINESE IV

5 UNITS

Prerequisite: "C" grade or higher or "Pass" in CHIN 220 or four years of high school Chinese or equivalent

5 hours lecture

Continuation of CHIN 220. Continues to develop oral, listening, reading and writing skills in order to improve proficiency in Mandarin Chinese.

AA/AS GE, CSU

CHINESE 250 –

CONVERSATIONAL CHINESE I

3 UNITS

Prerequisite: "C" grade or higher or "Pass" in CHIN 121 or three years of high school Chinese or equivalent

3 hours lecture

Develop oral, reading, writing and listening skills with an emphasis on oral proficiency.

AA/AS GE, CSU

CHINESE 251 –

CONVERSATIONAL CHINESE II

3 UNITS

Prerequisite: "C" grade or higher or "Pass" in CHIN 250 or four years of high school Chinese or equivalent

3 hours lecture

Continues to develop oral, reading, writing and listening skills with an emphasis on oral proficiency.

AA/AS GE, CSU

ENGLISH AS A SECOND LANGUAGE 070 – ESL I: INTRODUCTION TO ESL LITERACY

6 UNITS

Corequisite: ESL 071

6 hours lecture

This is the literacy course in the first level of the ESL course sequence. Students learn to read and write basic English. They also learn basic word, phrase, and sentence grammar. In addition to reading, writing, and grammar, students learn classroom rules and communication necessary in academic settings. **Pass/No Pass only. Non-degree applicable.**

ENGLISH AS A SECOND LANGUAGE 071 – ESL I: INTRODUCTION TO ESL COMMUNICATION

6 UNITS

Corequisite: ESL 070

6 hours lecture

This is the communication course in the first level of the ESL course sequence. Students develop basic listening and speaking skills beginning with the sounds of the English alphabet and progressing to simple word, phrase and sentence level interaction. Grammar taught in ESL 070 is practiced and reinforced. Students also learn basic classroom culture and communication necessary for success in academic settings. **Pass/No Pass only. Non-degree applicable.**

HEALTH EDUCATION 204 – HEALTH AND SOCIAL JUSTICE

3 UNITS

3 hours lecture

This course provides an introduction to the health inequities in the United States that stem from unequal living conditions. Students will explore how education, socioeconomic status, race and gender shape health epidemics and policy development. The basic knowledge and skills necessary for advocating for health and social justice will be theoretically demonstrated.

AA/AS GE, CSU

PERSONAL DEVELOPMENT-SPECIAL SERVICES 092 – MATH STRATEGIES FOR STUDENTS WITH DISABILITIES

1 UNIT

1 hour lecture

Instruction in strategies to improve success in developmental math courses for students with disabilities. Included in the course are test taking strategies, techniques to deal with math anxiety, textbook reading skills, ways to improve note taking and memory, and effective homework practices. Students will identify various aspects of their learning styles and use the information to develop study strategies that are appropriate for a math course. Students with disabilities enrolled in Math 088, 090, 103 or 110 would benefit from this course. **Pass/No Pass only. Non-degree applicable.**

UC Transferable

ART 146 ASIAN ART

CHIN 120 CHINESE I

CHIN 121 CHINESE II

CHIN 220 CHINESE III

CHIN 221 CHINESE IV

CHIN 250 CONVERSATIONAL CHINESE I

CHIN 251 CONVERSATIONAL CHINESE II

COMM 130 FUNDAMENTALS OF HUMAN COMMUNICATION

COUN 150 TRANSFER SUCCESS

HED 204 HEALTH AND SOCIAL JUSTICE

HUM 116 KUMEYAAY ARTS AND CULTURE

IB EXAM (page 47)

Language A:

Literature HL 3 units, IGETC 3B & 6A*

Language A:

Language & Literature HL 3 units, IGETC 3B & 6A*

*Score must be 5. All languages including English receive 3B credit. All languages except English also receive 6A credit.

ART HISTORY FOR TRANSFER (AA-T)

The Associate in Arts in Art History for Transfer degree is designed to provide students with an understanding and an appreciation of the arts in a variety of cultures and civilizations throughout history. This degree prepares students to transfer to a California State University where a baccalaureate degree may be earned in art, art history, or a related field.

The following is required for the Associate in Arts in Art History for Transfer degree:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or better in all courses required for the major.
5. Certified completion of the California State University General Education (CSU GE) Breadth pattern OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern; see Degree Requirements and Transfer Information section for more information. Note: If following IGETC, IGETC-CSU must be followed for admission to a CSU.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Analyze the role and development of the visual arts in past and present cultures throughout the world, noting human diversity as it relates to the visual arts and the artists.

- Analyze and derive meaning from works of art according to the elements of art, the principles of design and aesthetic qualities.
- Demonstrate how the arts help to understand the past.
- Define artistic historical periods and transitions.

Associate in Arts Degree Requirements:

Core Curriculum:

Course	Title	Units
ART 140	History of Western Art I: Prehistoric to 1250 A.D.	3
ART 141	History of Western Art II: Circa 1250 A.D. to Present Time	3
ART 124	Drawing I	3
		<hr/> 9

List A: Select one:

ART 146	Asian Art	3
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List B: Select one:

ART 120	Two-Dimensional Design	3
ART 121	Painting I	3
ART 129	Three-Dimensional Design	3
ART 135	Watercolor I	3
ART 230	Figure Drawing I	3
		<hr/> 9

List C: Select one:

Any List B course not already used		3
ART 143	Modern Art	3
ART 144	Architecture of the 20th Century	3
ART 145	Contemporary Art History: 1945-Present	3
HUM 110	Principles of the Humanities	3
HUM 115	Arts and Culture in Local Context- San Diego	3
HUM 116	Kumeyaay Arts and Culture	3
		<hr/> 3
Total Units for Major (6-9 units may be double-counted with GE)		18
Total Units for CSU GE or IGETC-CSU		37-39
Total Transferable Elective Units		9-14
Total Units for Degree		60

MECHATRONICS

This certificate is designed for students interested in designing automatic electromechanical devices and systems. The curriculum is intended primarily for students interested in working in advanced manufacturing. It also provides the foundation for further studies in electrical and mechanical engineering.

Program Learning Outcomes

Upon successful completion of this certificate, students will be able to:

- Write computer programs in high-level languages such as C++ and, when appropriate, in assembly language to control the operation of a microcontroller. In particular, students will be able to apply the following microcontroller capabilities: memory-mapped I/O (input/output), analog-to-digital (A/D) conversion, and volatile and non-volatile memory.

- Design automatic devices and control systems which can respond to inputs from sensors with appropriate outputs in the form of motion, light, and sound.
- Design mechanical components and devices, and create prototype versions of them.
- Combine the above capabilities to design integrated electro-mechanical devices of arbitrary complexity.

Certificate Requirements:

<i>Course</i>	<i>Title</i>	<i>Units</i>
ENGR 100	Introduction to Engineering and Design	4
ENGR 125	3D Solid Modeling	3
or		
ENGR 129	Engineering Solid Modeling	3
ENGR 175	Mechatronics: Introduction to Microcontrollers and Robotics	3
ENGR 176	Mechatronics: Electromechanical Prototyping	3
ENGR 182	Work Experience in Engineering Technology	1-3
ET 110	Introduction to Basic Electronics	4
	Total Required	18-20

Certificate of Achievement

Students who complete the requirements above qualify for a Certificate in Mechatronics. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.