SUPPLEMENT TO 2016-2017 CATALOG

ADDENDUM

COURSES

NONCREDIT

BLDN 4300   INTRODUCTION TO OCCUPATIONAL SAFETY AND HEALTH FOR THE BUILDING TRADES – BILINGUAL
Basic construction safety on an apprenticeship level. Training for bilingual workers on the recognition, avoidance, abatement, and prevention of safety and health hazards in workplaces and provides information regarding workers' rights, employer responsibilities, and how to file a complaint in a bilingual environment. Total of 28 hours lecture.

BLDN 4301   INTRODUCTION TO THE BUILDING TRADES AND CONSTRUCTION INDUSTRY– BILINGUAL
Introduction to the building trades and construction industry, different unions representing crafts, and the wide spectrum of careers. Course integrates academic and technical preparation with an emphasis on career awareness, exploration and skill preparation in a bilingual environment. Total of 48 hours lecture.

BLDN 4302 BASIC CONSTRUCTION MATH FOR THE BUILDING TRADES AND CONSTRUCTION INDUSTRY – BILINGUAL
Introduction to basic mathematical skills, for bilingual students, required in a variety of construction trades. Emphasis on the basic arithmetic and geometry required to accurately perform routine tasks, estimate simple quantities, and read a standard metric ruler and scale. Taught in a bilingual environment. Total of 48 hours lecture.

BLDN 4303 INTRODUCTION TO PLAN READING FOR THE BUILDING TRADES AND CONSTRUCTION INDUSTRY – BILINGUAL
Introduction to the various types of building plans used in the building trades and construction industry-for bilingual students. Emphasis on interpreting different types of symbols, abbreviations, and keynotes found on construction drawings. Taught in a bilingual environment. Total of 48 hours lecture.

PROGRAMS

CREDIT

Studio Art – *Associate in Science Degree, Certificate of Achievement*
Top Code: 1001.00
Responsible Division: Visual Arts and Media Studies
This curriculum is appropriate for students seeking transfer to programs that focus on the practice of fine art, or who wish to pursue professional practice as a visual artist. (Suitable transfer programs at four- year colleges, universities, or art institutes include the traditional studio arts—drawing, painting, sculpture, printmaking and ceramics; programs in photography and digital media that have a fine arts emphasis; and studio art programs that are not media-specific, with names such as "new genres").

Students completing the degree program will develop a portfolio of original artwork and prepare their work for exhibition. Students pursuing a Bachelor's degree should research the specific requirements of desired transfer institutions and meet with a counselor, as completion of this degree program is not a guarantee of acceptance. Students are advised to meet with a full-time visual arts faculty member for suggestions of potential transfer institutions and additional curriculum specific to their needs. (Students will be advised to complete the CSU-GE-Breadth or IGETC pattern.)

A Certificate of Achievement degree is awarded upon completion of all required courses with a grade of C or better.

Program Outcomes:

1. Demonstrate proficiency in the use of tools and materials in at least one studio arts discipline.
2. Analyze the formal properties and social content of works of art, verbally and in writing.
3. Create a portfolio of original art work.

**Requirements for the Certificate of Achievement
(18 units):**

Required Core (Art 004D is CSU Transferable) – 6 units

ART 011A - Foundation Drawing (3)
ART 004D - History of Modern Art (3)
ART 106 - Art Since 1945 (3)

Required Capstone Course: Select 1 course from the following list: - 3 units

ART 075 - Exhibition and Presentation of Visual Art (3)
ART 145 - Portfolio Development and Critique (3)

Required Electives:

Studio Electives: Select 3 courses from the following. Include one B-level or second level course:

ART 011B - Concepts in Drawing (3)
ART 011C - Portfolio Development of Drawing (3)
ART 012A - Beginning Life Drawing (3)
ART 012B - Life Drawing (3)
ART 020A - Beginning Painting (3)
ART 020B - Painting (3)
ART 020C - Painting (3)
ART 023A - Printmaking - Intaglio and Relief (3)
ART 023B - Printmaking-Lithography (3)
ART 023C - Printmaking-Monotype (3)
ART 024 - Printmaking - Silk Screen (3)
ART 025 - Beginning Sculpture (3)
ART 026 - Sculpture (3)
ART 027 - Sculpture Technology-Metal Casting and Mold Making (3)
ART 028 - Figure Sculpture (3)
ART 038A - Ceramics (3)
ART 038B - Ceramics (3)
ART 038C - Ceramics (3)
ART 039A - Handbuilt Ceramics (3)
ART 039B - Handbuilt Ceramics (3)
ART 039C - Handbuilt Ceramics (3)
ART 040 - Introduction to Digital Arts (3)
ART 056 - Introduction to Digital Painting & Drawing (3)
ART 057 - Motion Graphics (3)
PHOT 021 - Introduction to Black and White Photography (3)
PHOT 022A - Large Format Photography (3)
PHOT 031 - Beginning Digital Photography (3)

NONCREDIT

FAMILY HOME CHILD CARE PROVIDER – *Certificate of Completion*

The Family Home Child Care Provider program provides students with the essential skills and workforce preparation needed for careers in child care. The curriculum also prepares students for a pathway to credit child development programs. Students gain knowledge in procedures for developing and licensing diverse family child homes, culturally relevant curriculum, child development theories and, CPR/First Aid training.

Program Outcomes:

1. Understand California State requirements for opening and operating a quality family home child care.
2. Design a safe, healthy, developmentally appropriate family home child care environment.
3. Develop positive relationships with diverse families, children and community.

4. Support developmentally appropriate practices and all relevant curriculum standards.
5. Demonstrate knowledge of basic principles of child growth and development.
6. Identify components and work ethic required for professional participation in a family home child care setting.

Required Courses

CHDN 4000 - Family Home Child Care Provider: Introduction to Child Development
CHDN 4001 - Family Home Child Care Provider: Culturally Relevant Curriculum
CHDN 4002 - Family Home Child Care Provider: Licensing and Workforce Readiness

PRE-APPRENTICESHIP IN BUILDING TRADES AND CONSTRUCTION INDUSTRY – BI-LINGUAL – *Certificate of Completion*

The Pre-Apprenticeship in Building Trades and Construction Industry program provides students with the essential skills and workforce preparation needed for careers in the building trades and construction industry. The curriculum also prepares students for a pathway to credit construction programs. Students gain knowledge in reading construction plans, material handling equipment, green construction, interpreting trade technical calculations, and practicing safety construction techniques according to Occupational Safety and Health Administration (OSHA) standards.

Program Outcomes:
1. Safely handle basic construction material and equipment in the workplace.
2. Explain, demonstrate, and utilize the basic elements of tools related to building and construction.
3. Understand basic arithmetic and apply basic geometry in solving for construction quantities.
4. Describe and explain plan reading and interpret building codes used in construction.
5. Perform effective job searching skills through networking, outreach services and trade unions.

Required Courses

BLDN 4300 - Introduction to Occupational Safety and Health for the Building Trades - Bilingual
BLDN 4301 - Introduction to the Building Trades and Construction Industry - Bilingual
BLDN 4302 - Basic Construction Math for the Building Trades and Construction Industry - Bilingual
BLDN 4303 - Introduction to Plan Reading for the Building Trades and Construction Industry - Bilingual
BLDN 4304 - Basic Material Handling and Rigging - Bilingual

ERRATA

COURSES

CREDIT

(C-ID removed)
ANTH 001 PHYSICAL ANTHROPOLOGY
3 units
Explore the field of physical anthropology, emphasizing the evolution of the human species. Topics include human heredity, mechanisms of human change, human variation, and the reconstruction of human evolutionary history through examination of the fossil record and comparative studies of our closest biological relatives, the living apes. **No credit** if taken after Anth 001H. Total of 54 hours lecture.
Transfer Credit: CSU; UC

(title change, prerequisite correction, added corequisite, catalog description change, unit correction – 4 to 2 units)
CHDV 013A PRACTICUM IN CHILD DEVELOPMENT-A
2 units
Prerequisites: *CHDV 010 and either Psyc 021 or 121*
Corequisites: *CHDV 013AF*
Student teachers design experiences that promote positive development and learning for young children. Students demonstrate developmentally appropriate early childhood activities and lesson plans. Emphasis on child-centered, play-initiated approaches to teaching, learning and assessment. Knowledge of curriculum content areas. Total of 36 hours lecture.
Transfer Credit: CSU

(correction to contact hours)
CIS 001   INTRODUCTION TO COMPUTERS
3 units
Computer hardware, software, operating systems, file management, local area networks, Internet, digital data representation, and digital media. Computer technology related issues and future trends. Hands-on experience with word processing and presentation software. **No credit** if taken after CIS 010. Total of 36 hours lecture and 54 hours lab.
Transfer Credit: CSU; UC

(Unit correction – 4 to 5 units)
DH 101A   FUNDAMENTALS OF DENTAL HYGIENE
5 units
Corequisites: *DH 109, DH 117, ANAT 115.*
Enrollment Limitation: *Acceptance into the Dental Hygiene program.*
Orientation and role of the dental hygienist in maintaining oral health. Introduction to dental hygiene procedures and techniques. Selected services on patients, partners and/or laboratory manikins. Emphasis on the United States Occupational Safety and Health Administration Rules and Regulations and infection control in the dental office. Total of 36 hours lecture and 162 hours laboratory.

(prerequisite correction, added "Eligibility for")
ENGL 030A   AMERICAN LITERATURE
3 units
Prerequisite: *Eligibility for ENGL 001B or ENGL 001BH.*
Significant works of American poetry and prose from the colonial period through the Civil War. Total of 54 hours lecture.
*Transfer Credit: CSU; UC; *C-ID: ENGL 130*

(prerequisite correction, added "or ENGL 001BH")
ENGL 030B   AMERICAN LITERATURE
3 units
Prerequisite: *Eligibility for ENGL 001B or ENGL 001BH*
Significant works of American poetry and prose from the Civil War to 1945. Total of 54 hours lecture.
*Transfer Credit: CSU; UC; *C-ID: ENGL 135*

(prerequisite correction, added "or ENGL 001BH")
ENGL 030C   AMERICAN LITERATURE
3 units
Prerequisite: *Eligibility for ENGL 001B or ENGL 001BH*
Significant works of American poetry and prose from 1945 to the present. Total of 54 hours lecture.
*Transfer Credit: CSU; UC; *C-ID: ENGL 135*

(prerequisite correction, added "Eligibility for")
ENGL 034   MAJOR NOVELIST
1 unit
Prerequisite: *Eligibility for ENGL 001A or 001AH or 001AS.*
Intensive study of a single novelist. Total of 18 hours lecture.
Transfer Credit: CSU; UC credit limitations. See counselor.

(prerequisite correction, removed "Eligibility for")
ENGL 044A   WORLD LITERATURE: ANTIQUITY TO 1500
3 units
Prerequisite: *ENGL 001B or ENGL 001BH.*
Reading and discussion of Western and non-Western literature from the Ancient era through 1500 A.D. Total of 54 hours lecture.
Transfer Credit: CSU; UC

(prerequisite correction, removed "Eligibility for")
ENGL 044B   WORLD LITERATURE: 1500–1800 A.D.
3 units
Prerequisite: *ENGL 001B or ENGL 001BH.*
Reading and discussion of Western and non-Western literature written between approximately 1500-1800 A.D. Total of 54 hours lecture.
Transfer Credit: CSU; UC

(prerequisite correction, removed "Eligibility for")
ENGL 044C   WORLD LITERATURE: 1800 - MID 20TH CENTURY
3 units
Prerequisite: *ENGL 001B or ENGL 001BH.*
Reading and discussion of world literature written between 1800 A.D. and the mid-20th century. Total of 54 hours lecture.
Transfer Credit: CSU; UC

(prerequisite correction, removed "Eligibility for")
ENGL 046A   ENGLISH LITERATURE
3 units
Prerequisite: *ENGL 001B or ENGL 001BH.*
Surveys of the literature written in the British Isles from Beowulf to Johnson. Total of 54 hours lecture.
Transfer Credit: CSU; UC

(prerequisite correction, removed "Eligibility for")
ENGL 046B   ENGLISH LITERATURE
3 units
Prerequisite: *ENGL 001B or ENGL 001BH.*
Survey of British literature from the Romantic Movement (1798) to the present. Total of 54 hours lecture.
Transfer Credit: CSU; UC

(prerequisite correction, added "or ENGL 001BH")
ENGL 053   INTERPRETING POETRY
3 units
Prerequisite: *Eligibility for ENGL 001B or ENGL 001BH*
Reading and discussion of traditional, modern and contemporary poems. Total of 54 hours lecture.
Transfer Credit: CSU; UC

(prerequisite correction, added "or ENGL 001BH")
ENGL 057   MODERN DRAMA
3 units
Prerequisite: *Eligibility for ENGL 001B or ENGL 001BH*
Reading and discussion of continental, British and American drama from Ibsen to the present. Representative plays by Strindberg, Chekhov, Pirandello, O'Neill, Shaw, Brecht, Beckett, Genet, Pinter, Albee. Major theatrical movements: naturalism, symbolism, expressionism. Total of 54 hours lecture.
Transfer Credit: CSU; UC

(prerequisite correction, added "or ENGL 001BH")
ENGL 058 QUEER STUDIES IN LITERATURE
3 units
Prerequisite: *Eligibility for ENGL 001B or ENGL 001BH*
Examines representations of normative and non-normative sexuality in literature. Total of 54 hours lecture.
Transfer Credit: CSU; UC credit under review.

(prerequisite correction, added "or ENGL 001BH")
ENGL 078A   INTRODUCTION TO SHAKESPEARE
3 units
Prerequisite: *Eligibility for ENGL 001B or ENGL 001BH*
Reading and discussion of 12 to 16 tragedies, comedies and histories, including the following: *Love's Labor's Lost; Twelfth Night; Richard II; Henry IV, parts I and II; Henry V; Hamlet; Othello.* Selections from the Sonnets. Total of 54 hours lecture.
Transfer Credit: CSU; UC

(prerequisite correction, added "or ENGL 001BH")
ENGL 078B   INTRODUCTION TO SHAKESPEARE
3 units
Prerequisite: *Eligibility for ENGL 001B or ENGL 001BH*
Reading and discussion of 12 to 16 tragedies, comedies and histories, including the following: *The Merchant of Venice; As You Like It; Henry VI, parts I, II, III; Richard III; King Lear; Macbeth.* Selections from the Sonnets. Total of 54 hours lecture.
Transfer Credit: CSU; UC

(prerequisite correction, added "or ENGL 001BH")
ENGL 082A   INTRODUCTION TO MYTHOLOGY
3 units
Prerequisite: *Eligibility for ENGL 001B or ENGL 001BH*
Fertile Crescent (Egyptian, Hebrew, Mesopotamian), Classical (Greek and Roman), and Old European mythologies. Emphasis on literary texts and creative expressions, such as art, music, and artifacts. Total of 54 hours lecture.
Transfer Credit: CSU; UC

(prerequisite correction, added "or ENGL 001BH")
ENGL 082B   INTRODUCTION TO MYTHOLOGY
3 units
Prerequisite: *Eligibility for ENGL 001B or ENGL 001BH*
Historical and thematic exploration of mythology of one major cultural or geographical area other than Fertile Crescent. Total of 54 hours lecture.
Transfer Credit: CSU; UC

(prerequisite correction, added "or ENGL 001BH")
ENGL 082C   INTRODUCTION TO MYTHOLOGY
3 units
Prerequisite: *Eligibility for ENGL 001B or ENGL 001BH*
Intensive study of a single body of traditional narrative, such as the Arthurian cycle; double, motifs; quest motifs; folk tales; fairy tales. Total of 54 hours lecture.
Transfer Credit: CSU; UC

PROGRAMS

CREDIT

BIOLOGICAL TECHNOLOGY

(Natural Sciences Division)

(correction to total number of required units – from 50-59 to 50, and course correction, replacement of BIOL 001A with BIOL 010A)

Biological Technology – *Certificate of Achievement, Associate in Science Degree*

Top Code: 0430.00

The curriculum prepares students to work in entry level positions in the field of biotechnology in high-tech industry and research institutions. This is an interdisciplinary program including courses and practical training in math, chemistry, biology, computer skills, and English. Emphasis is placed on program participants developing competency for working in a laboratory environment, including; performing basic and advanced laboratory techniques; collecting, documenting, and analyzing data; and participating in short-term independent projects. Fundamental skills and workplace competencies necessary for successful employment in the biotechnology industry and in research laboratories are also emphasized.

Students are kept informed on current advances in biotechnology by guest speakers and internet assignments to access relevant technical resources and recently published scientific articles.

This program offers classroom instruction in a working laboratory setting and assistance in finding appropriate internships. Students must be willing to spend time working on long term projects and participating in outreach programs. Students must be able to provide their own transportation to an internship site.

Employment opportunities include positions in: biomedical industry, academic research institutes, pharmaceutical companies, agriculture, and food science genetic engineering laboratories.

Students who have previously completed coursework required for the Certificate of Achievement and need only the Biology 102A-D courses may take a "fast track" and complete the certificate in 1 year.

A Certificate of Achievement is awarded upon completion of all required courses with a grade of C or better.

Program Outcomes:
1. Understand, interpret and write laboratory documents, SOPs, protocols and notebook documentation.
2. Be able to use, maintain, calibrate and/or validate standard laboratory equipment.
3. Be prepared for entry level technician positions in the biological technology industry and in research laboratories.

Prerequisites:
MATH 131
CHEM 001A, 022

Recommended preparation:
Computer literacy

**Requirements for the Certificate of Achievement
(50 units):**
Recommended sequence:

Required Courses

Semester I
ENGL 001A - Reading and Composition (4)
BIOL 102A - Biological Technology - Basic Techniques (3)
CHEM 001B - General Chemistry and Chemical Analysis (5)

BIOL 010A - Cellular Biology, Genetics and Evolution (5)

Semester II
BIOL 102B - Biological Technology - Advanced Techniques (3)
BIOL 102C - Biological Technology - Cell Culture Techniques (3)
BIOL 010B - The Diversity of Life on Earth: Structure, Function and Ecology (5)

Semester III
CHEM 008A - Organic Chemistry (5)
MICR 002 - Microbiology (4)
  or BIOL 104B - Microbiological Applications Used In Biotechnology (4)
STAT 018 - Statistics for Behavioral and Social Sciences (4)
  or STAT 050 - Elementary Statistics (4)

Semester IV
BIOL 010C - Genetics (3)
PHSC 002 - Scientific Method as Critical Thinking (3)

Summer
BIOL 102D - Biological Technology - Laboratory Internship (3)

Recommended electives:
BIOL 104A - Applications of Fluorescence Microscopy (2)
BIOL 104C - Research Methodology (3)
BIOL 104D - Collaborative Research Experience (3)

(correction to total number of required units – from 12 to 15, and addition of Semester IV required course)
Cinema – Cinematography Production / Filmmaking – *Occupational Skills Certificate*
The curriculum prepares students with entry-level skills to seek employment in the motion picture (cinema and other forms of media distribution) industry. The program introduces students to a broad range of knowledge and skills required to be successful in the industry. Emphasis is placed on development of creative thinking and processes alongside current professional practices.

An Occupational Skills Certificate is awarded upon completion of all required courses with a grade of C or better.

Program Outcomes:
1. Operate the tools of the medium.
2. Acquire fundamental technical knowledge and creative principles.
3. Demonstrate critical thinking, i.e., Recognize the technical qualities, cultural elements, and aesthetic values of their own and others' work.
4. Demonstrate ability to communicate effectively using a visual medium.

Requirements for the Occupational Skills Certificate (15 units):

Recommended sequence:

Required Courses

Semester I
PHOT 026A - Beginning Electronic Filmmaking (3)

Semester II
PHOT 026B - Intermediate Filmmaking--Electronic (3)
PHOT 126 - Digital Film Narrative (3)

Semester III
PHOT 026C - Advanced Filmmaking (3)

Semester IV
PHOT 129 - Cinema Production Portfolio (3)

Recommended electives:
ART 011A - Foundation Drawing (3)
ART 015 - Sketching For Design (3)
ART 031A - Color and Composition-Two Dimensional Design (3)
ART 032A - Design-Three Dimensional (3)
PHOT 021 - Introduction to Black And White Photography (3)
PHOT 025 - Film ART (3)
PHOT 030 - Introduction to Digital Image Editing (3)
THRT 007A - Early Film History (3)
THRT 007B - Contemporary Film History (3)

(correction to total number of required units – from 29-31 to 30)
COMPUTER IMAGING & COMPOSITION – *Certificate of Achievement, Associate in Science Degree*
The curriculum prepares students to work in the imaging and electronic prepress areas of Graphic Communications industry. The program qualifies students to seek employment in entry-level and intermediate positions as electronic prepress technicians, digital color specialists and digital prepress operators.

Instruction is provided on Macintosh computers and specialized imaging equipment typically found in the production and prepress areas of the printing industry. Emphasis is on technical skills, common software applications and proper use of scanners, computers and digital output systems.

A Certificate of Achievement is awarded upon completion of all required courses with a grade of C or better.

Program Outcomes:
1. Demonstrate an understanding of the academic and technical skills required to enter a career in Graphic Communications Technology.
2. Explain the ethical and social responsibilities that apply to a career in the Graphic Communications Technology field.
3. Explain the safety aspects of teamwork as it applies to the production requirements in the field of Graphic Communications Technology.
4. Demonstrate an understanding of the career paths available in Screen Printing, Electronic Prepress and Digital Imaging professions.
5. Understand the technical steps to good typographical and imaging skills for high-end print production.

Requirements for the Certificate of Achievement (30 units):

Recommended sequence:

Required Courses

Semester I
GRFX 010 - Introduction to Graphic Communications Technology (2)
GRFX 199 - Introduction to Desktop Publishing (3)
BIT 010 - Basic Computer Keyboarding (1)
BIT 107 - Business Software-Windows (1)
GRFX 030 - Basic Composition and Imaging (6)
  or GRFX 220 - Basic Digital Imaging (3)
     & GRFX 221 - Advanced Digital Imaging -Web (3)

Semester II
GRFX 031 - Advanced Composition and Imaging (6)
GRFX 035 - Introduction to Electronic Prepress (2)

Semester III
GRFX 245A - Basic Photoshop Techniques for Graphic Communications Technology (3)
GRFX 222 - Intermediate Digital Imaging-Print (3)

Semester IV
GRFX 036 - Electronic Image Assembly (1)
GRFX 190 - Imaging Techniques for Large Format Printing (2)

Recommended electives:
BUS 112 - Business English (3)
CIS 010 - Introduction to Information Systems (3)
PHOT 030 - Introduction to Digital Image Editing (3)
PHOT 130 - Advanced Digital Image Editing (3)
GRFX 192 - Introduction to Web Authoring (3)
GRFX 300A - Production Printing (2)
GRFX 300B - Production Printing (2)
GRFX 103 - Ink, Paper and Quality Control (2)
GRFX 104 - Bindery and Finishing Operations (2)

ENGLISH
(English Division)

English – *Associate in Arts Degree for Transfer to CSU*
Top Code: 1501.00
The Associate in Arts in English for Transfer Degree introduces students to a wide range of literary expression while grounding them in the core skills of writing, literary analysis, and critical thinking necessary for success as English majors at a transfer university.

English majors enroll in core classes in the methods of literary study and then take survey courses which expose them to a range of types and styles of literature. Students complete the program by choosing among English courses on genres, ethnic literature, special topics in literature, film, and creative writing. Aside from being well prepared to continue their studies, students who complete the Associate in Arts in English for Transfer Degree at PCC will be informed and skilled in ways which will help them negotiate their place in a changing world.

The Associate in Arts in English for Transfer Degree will be awarded upon completion of coursework totaling 60 California State University (CSU) transferable units including the above major requirements and the Intersegmental General Education Transfer Curriculum (IGETC-CSU) or California State University General Education (CSUGE) requirements with a minimum grade point average of 2.0. All courses in the major must be completed with a grade of "C" or better. (Students completing this degree are not required to fulfill additional local graduation requirements.)

Associate in Arts in English for Transfer Degree

Required Core: 8 Units

ENGL 001B – Reading and Composition (4)
ENGL 001C – Intermediate Composition–Critical
        Thinking and Argument (4)

List A: Select any two courses (6 units)

ENGL 030A – American Literature (3)
ENGL 030B – American Literature (3)
ENGL 046A – English Literature (3)
ENGL 046B – English Literature (3)
ENGL 044A – World Literature: Antiquity
        to 1500 (3)
ENGL 044B – World Literature: 1500 to
        1800 A.D. (3)

List B: Select one or two course(s) from below (3-6 units)
ENGL 005A – Creative Writing (3)
ENGL 030A – American Literature (3)
ENGL 030B – American Literature (3)
ENGL 030C – American Literature (3)
ENGL 046A – English Literature (3)
ENGL 046B – English Literature (3)
ENGL 044A – World Literature: Antiquity

to 1500 (3)
ENGL 044B – World Literature: 1500 to
            1800 A.D. (3)
ENGL 044C – World Literature: 1800 to Mid-20th
            Century (3)
ENGL 006 – Short Story Writing (3)
ENGL 008 – Writing Poetry (3)
ENGL 009 – Creative Nonfiction (3)
ENGL 047 – Mexican and Chicano Literature (3)
ENGL 050 – Afro-American Literature (3)
ENGL 052 – Asian-American Literature (3)
ENGL 078A – Introduction to Shakespeare (3)
ENGL 078B – Introduction to Shakespeare (3)

List C: Select one course from below (3 units)
ENGL 005B – Creative Writing (3)
ENGL 007 – Inscape Magazine Publication (3)
ENGL 024 – A Literature in Translation (3)
ENGL 025A – Interpreting Modern Literature (3)
ENGL 025C – Women in Literature (3)
ENGL 025D – Science Fiction and Fantasy (3)
ENGL 025E – Literature of Horror Gothic Novel (3)
ENGL 025F – Comedy and Literature (3)
ENGL 025G – Mystery and Crime Fiction (3)
ENGL 025H – American Journeys (3)
ENGL 025I – Post-Colonial Literatures (3)
ENGL 025J – Utopian Dystopian Literature (3)
ENGL 026 – Introduction to Literature Theory
            and Criticism (3)
ENGL 034 – Major Novelist (3)
ENGL 035 – Major Dramatist (3)
ENGL 036 – Major Poet (3)
ENGL 037 – Major Critic (3)
ENGL 045A – Literature of The Bible (3)
ENGL 045B – Literature of The Bible (3)
ENGL 048 – Asian Literature (3)
ENGL 049A – Film as Dramatic Literature (3)
ENGL 049B – Film as Dramatic Literature (3)
ENGL 051 – Native American Mythology and Literature (3)
ENGL 054 – California Literature (3)
ENGL 057 – Modern Drama (3)
ENGL 059 – Children's Literature (3)
ENGL 082A – Introduction to Mythology (3)
ENGL 082B – Introduction to Mythology (3)
ENGL 082C – Introduction to Mythology (3)

REQUIRED SUBTOTAL.. 20
CSU General Education or IGETC Pattern 39-41
Transferable Electives (as needed to reach 60 transferable units)

DEGREE TOTAL 60

Student Learning Outcomes:

1. Demonstrate sensitivity to and an analytical grasp of the nuances of literary language.
2. Demonstrate critical thinking skills, specifically in relation to poetry, drama, fiction, or other types of literature.
3. Demonstrate an understanding of the ways that literature helps to illuminate the human condition.
4. Demonstrate reading skills relevant to literary study.
5. Demonstrate writing skills relevant to literary study.

(correction to number of units stated in catalog description, from 12-13 to 11-13)

Foreign Language – Basic – *Occupational Skills Certificate*

The curriculum prepares students for reading, writing, speaking and understanding the language at a basic (high novice) level. It also provides fundamental cultural knowledge. This is an 11-13 unit Occupational Skills Certificate aligned with the national ACTFL Basic (High Novice) criteria of achievement.

http://www.actfl.org/publications/guidelines-and-manuals/actfl-proficiency-guidelines-2012

An Occupational Skills Certificate is awarded upon successful completion of all required courses with a grade of C or better.

Program Outcomes:

1. Listening comprehension
   Demonstrate comprehension of high-novice* level conversations in the language.
   *See ACTFL high-novice guidelines
   http://www.actfl.org/sites/default/files/pdfs/public/ACTFLProficiencyGuidelines2012_FINAL.pdf

2. Reading
   Demonstrate comprehension of high-novice* level texts in the language.
   *See ACTFL high-novice guidelines
   http://www.actfl.org/sites/default/files/pdfs/public/ACTFLProficiencyGuidelines2012_FINAL.pdf

3. Writing
   Write high-novice* level paragraphs in the language using correct grammar and appropriate vocabulary.
   *See ACTFL high-novice guidelines
   http://www.actfl.org/sites/default/files/pdfs/public/ACTFLProficiencyGuidelines2012_FINAL.pdf

4. Speaking
   Correctly ask and answer high-novice* level questions in the language.
   *See ACTFL high-novice guidelines
   http://www.actfl.org/sites/default/files/pdfs/public/ACTFLProficiencyGuidelines2012_FINAL.pdf

5. Cultural competency
   Students will demonstrate fundamental knowledge of the culture of this language.

Requirements for the Occupational Skills Certificate (11-13 units):

Required Courses

CHINESE OPTION
CHIN 001 - Elementary Chinese (Mandarin) (5)
CHIN 002 - Elementary Chinese (Mandarin) (5)
 or CHIN 002A - Elementary Chinese (Mandarin) for Advanced Beginners (5)
CHIN 050 - Chinese Cinema (3)
 or CHIN 150A - Chinese for Business and Travel (2)
 or CHIN 150B - Chinese for Business and Travel (2)
 or CHIN 008A - Introduction to Chinese Conversation (Mandarin) (2)

FRENCH OPTION
FRNC 001 - Elementary French (5)
FRNC 002 - Elementary French (5)
 or FRNC 008A - French Conversation (2)
 or FRNC 010 - French Civilization (3)
 or FRNC 011 - Translating from French to English (2)
 or FRNC 014 - Writing in French (3)
 or FRNC 015 - Reading in French (3)
 or FRNC 016 - French Culture and Communication (3)
 or FRNC 050 - French Cinema (3)
 or FRNC 140 - French Pronunciation (2)

ITALIAN OPTION
ITAL 001 - Elementary Italian (5)
ITAL 002 - Elementary Italian (5)
 or ITAL 008A - Introduction to Italian Conversation (2)

or ITAL 010 - Italian Civilization (3)
or ITAL 012 - Introduction to Italian Literature (3)
or ITAL 050 - Italian Film as Dramatic Literature (3)

RUSSIAN OPTION
RUSS 001 - Elementary Russian (5)
RUSS 002 - Elementary Russian (5)
RUSS 150A - Russian for Business and Travel (2)

SPANISH OPTION
SPAN 001 - Elementary Spanish (5)
SPAN 002 - Elementary Spanish (5)
SPAN 008A - Introduction to Spanish Conversation (2)
  or SPAN 012 - Spanish Literature in Translation (3)

JAPANESE OPTION
JAPN 001 - Elementary Japanese (5)
JAPN 002 - Elementary Japanese (5)

One course from the following

JAPN 011 - Inside Japan (1)
  or JAPN 008A - Introduction to Japanese Conversation (2)

(correction to number of units stated in catalog description, from 12-13 to 12-14)
Foreign Language – Intermediate – *Occupational Skills Certificate*
The curriculum prepares students for reading, writing, speaking and understanding the language at an intermediate level. It also provides substantial cultural knowledge. This is a 12-14 unit Occupational Skills Certificate aligned with the national ACTFL High Intermediate criteria of achievement.
http://www.actfl.org/publications/guidelines-and-manuals/actfl-proficiency-guidelines-2012.

An Occupational Skills Certificate is awarded upon successful completion of all required courses with a grade of C or better.

Program Outcomes:
1. Listening comprehension
   Demonstrate comprehension of high intermediate* level conversations in the language.
   *See ACTFL high-intermediate guidelines
   http://www.actfl.org/sites/default/files/pdfs/public/ACTFLProficiencyGuidelines2012_FINAL.pdf
2. Reading
   Demonstrate comprehension of high-intermediate* level texts in the language.
   *See ACTFL high-intermediate guidelines
   http://www.actfl.org/sites/default/files/pdfs/public/ACTFLProficiencyGuidelines2012_FINAL.pdf
3. Writing
   Write high-intermediate* level paragraphs in the language using correct grammar and appropriate vocabulary.
   *See ACTFL high-intermediate guidelines
   http://www.actfl.org/sites/default/files/pdfs/public/ACTFLProficiencyGuidelines2012_FINAL.pdf
4. Speaking
   Converse at a high-intermediate* level in the language.
   *See ACTFL high-intermediate guidelines
   http://www.actfl.org/sites/default/files/pdfs/public/ACTFLProficiencyGuidelines2012_FINAL.pdf
5. Cultural competency
   Students will demonstrate substantial knowledge of the culture of this language.

Requirements for the Occupational Skills Certificate (12-14 units):

Required Courses

CHINESE OPTION
CHIN 003 - Intermediate Chinese (Mandarin) (5)
CHIN 004 - Intermediate Chinese (Mandarin) (5)
CHIN 008B - Introduction to Chinese Conversation (Mandarin) (2)
  or CHIN 009A - Chinese Conversation (Mandarin) (2)
  or CHIN 022 - Chinese Calligraphy (3)

FRENCH OPTION
FRNC 003 - Intermediate French (5)
FRNC 004 - Intermediate French (5)
  or FRNC 008B - French Conversation (2)
  or FRNC 009A - French Conversation (2)
  or FRNC 006 - Introduction to The Study of French and Francophone Literature (4)

ITALIAN OPTION
ITAL 003 - Intermediate Italian (5)
ITAL 004 - Intermediate Italian (5)
ITAL 008B - Introduction to Italian Conversation B (2)
  or ITAL 009A - Italian Conversation (2)

JAPANESE OPTION
JAPN 003 - Intermediate Japanese (5)
JAPN 004 - Intermediate Japanese (5)
  or JAPN 010 - Japanese Civilization (3)

JAPN 008B - Introduction to Japanese Conversation (2)
  or JAPN 009A - Japanese Conversation (2)

RUSSIAN OPTION
RUSS 003 - Intermediate Russian (5)
RUSS 004 - Intermediate Russian (5)
RUSS 011 - Russian Civilization (3)

SPANISH OPTION
SPAN 003 - Intermediate Spanish (5)
SPAN 004 - Intermediate Spanish (5)
SPAN 008B - Introduction to Spanish Conversation (2)
  or SPAN 009A - Spanish Conversation (2)
  or SPAN 050 - Spanish and Latin American Cinema (3)

(correction to number of units stated in catalog description, from 12-13 to 10-12)
Foreign Language – Advanced – *Occupational Skills Certificate*
The curriculum prepares students for reading, writing, speaking and understanding the language at an advanced level.
It also provides substantial cultural knowledge.
This is a 10-12 unit Occupational Skills Certificate aligned with the national ACTFL Advanced criteria of achievement.
http://www.actfl.org/publications/guidelines-and-manuals/actfl-proficiency-guidelines-2012.

An Occupational Skills Certificate is awarded upon successful completion of all required courses with a grade of C or better.

Program Outcomes:
1. Listening comprehension
   Demonstrate comprehension of mid-advanced* level conversations in the language.
   *See ACTFL mid-advanced guidelines
   http://www.actfl.org/sites/default/files/pdfs/public/ACTFLProficiencyGuidelines2012_FINAL.pdf
2. Reading
   Demonstrate comprehension of mid-advanced* level texts in the language.
   *See ACTFL mid-advanced guidelines

3. Writing

Write at a mid-advanced* level in the language.

*See ACTFL mid-advanced guidelines

http://www.actfl.org/sites/default/files/pdfs/public/ACTFLProficiencyGuidelines2012_FINAL.pdf

4. Speaking

Converse at a mid-advanced* level in the language.

*See ACTFL mid-advanced guidelines

http://www.actfl.org/sites/default/files/pdfs/public/ACTFLProficiencyGuidelines2012_FINAL.pdf

5. Cultural competency

Demonstrate in-depth knowledge of the culture of this language.

Requirements for the Occupational Skills Certificate (10-12 units):

Required Courses

CHINESE OPTION

CHIN 005 - Advanced Chinese Reading and Composition (3)

Plus three courses from the following

CHN 009B - Chinese Conversation (Mandarin) (2)

CHN 009C - Chinese Conversation (Mandarin) (2)

CHIN 010 - Chinese Civilization (3)

CHIN 012 - Chinese Literature in Translation (3)

JAPANESE OPTION

JAPN 005 - Advanced Reading and Composition (3)

JAPN 009B - Japanese Conversation (2)

JAPN 009C - Japanese Conversation (2)

JAPN 010 - Japanese Civilization (3)

SPANISH OPTION

SPAN 005 - Introduction to Spanish Literature (3)

Plus three courses from the following

SPAN 006A - Introduction to Spanish-American Literature (3)

SPAN 006B - Introduction to Spanish-American Literature (3)

SPAN 009B - Spanish Conversation (2)

SPAN 009C - Spanish Conversation (2)

SPAN 025 - Spanish Composition (3)

SPAN 042A - Civilization of Spain and Portugal (3)

SPAN 042B - Civilization of Spain and Portugal (3)

SPAN 044A - Civilization of Latin America (3)

SPAN 044B - Civilization of Latin America (3)

(correction to total number of required units – from 14 to 17.5)

GRAPHIC COMMUNICATIONS TECHNOLOGY – APPAREL GRAPHICS & PRINTING – *Occupational Skills Certificate*

Students learn the parameters and printing applications for various types of textiles and ready-made apparel. Interdisciplinary classes that are part of this certificate broaden the student's knowledge of fabrics, garment construction, computer software used in the fashion industry, and design considerations for garment printing.

An Occupational Skills Certificate is awarded upon completion of all required courses with a grade of C or better.

Program Outcomes:

1. Discuss standard printing applications related to the garment industry.
2. Perform necessary functions to prepare screens and inks for textile printing.
3. Produce single- and multi-color graphic designs appropriate to screen printing on textiles.

Requirements for the Occupational Skills Certificate (17.5 units):

Required Courses
ART 031A - Color and Composition-Two Dimensional Design (3)
ART 056 - Introduction to Digital Painting & Drawing (3)
FASH 110 - Fashion Illustration (3)
FASH 115 - Intermediate Computer-Assisted Fashion Graphics (2.5)
GRFX 115 - Beginning Screen Printing for Textile Applications (2)
GRFX 116 - Advanced Screen Printing for Textile Applications (2)
GRFX 135 - Intro to Electronic Prepress Techniques for Screen Printing (2)

Recommended electives:
BUS 116 - Small Business Management (3)
FASH 128B - Surface Design Techniques - Dyeing, Painting, Batik (1)
GRFX 013 - Screen Printing - Plastics (3)
GRFX 245A - Basic Photoshop Techniques for Graphic Communications Technology (3)
GRFX 245B - Advanced Photoshop Techniques for Graphic Communications Technology (3)

(*correction to total number of required units – from 36 to 34-39*)

GRAPHIC COMMUNICATIONS TECHNOLOGY – SCREEN PRINTING – *Certificate of Achievement, Associate in Science Degree*

This curriculum prepares students in the state-of-the-art techniques used to apply text, graphics and other images to a wide variety of surfaces and materials. Our goal is to prepare students to plan, anticipate, accurately prepare for and print, and thoroughly clean up a job in any one of the many printing areas. Students can learn the basics or expand on skills they have already attained. Instruction covers a wide range of techniques, inks and surfaces; safety and health issues; and training on common types of equipment. Employment opportunities are vast, in local sign, t-shirt and supply firms, both large and small. Many students opt to open their own businesses.

A Certificate of Achievement is awarded upon completion of all required courses with a grade of C or better.

Program Outcomes:
1. Demonstrate basic and advanced techniques for screen printing on a variety of standard substrates.
2. Discuss organization, clean up and safety issues for a screen printing shop.
3. Produce accurately registered multiple color graphics on a variety of standard substrates with appropriate inks.
4. Demonstrate an understanding of the career paths available in Screen Printing.

Requirements for the Certificate of Achievement
(34-39 units):

Recommended sequence:

Required Courses

Semester I
ART 031A - Color and Composition-Two Dimensional Design (3)
GRFX 115 - Beginning Screen Printing for Textile Applications (2)
GRFX 132A - Introductory Screen Printing (4)
  or GRFX 013 - Screen Printing - Plastics (3)
     & GRFX 134A - Screen Printing Fundamentals for Sales and Marketing (3)

Semester II
GRFX 116 - Advanced Screen Printing for Textile Applications (2)
GRFX 135 - Intro to Electronic Prepress Techniques for Screen Printing (2)
GRFX 132B - Intermediate Screen Printing (4)
  or GRFX 113 - Intermediate Screen Printing (3)
    & GRFX 134B - Screen Printing for Sales and Marketing (3)

Semester III
GRFX 137 - Screen Printing Techniques for Flat Stock (2)
GRFX 220 - Basic Digital Imaging (3)
GRFX 133A - Advanced Screen Printing for Plastics and Rigid Substrates (4)
  or GRFX 114A - Production Screen Printing (3)
      & GRFX 134C - Screen Printing - Two and Three Colors (2)

Semester IV
GRFX 221 - Advanced Digital Imaging -Web (3)
GRFX 133B - Production Screen Printing (5)
  or GRFX 114B - Advanced Screen Printing (3)
    & GRFX 134D - Screen Printing - Four and Six Colors (2)

Recommended electives:
 ART 050A - Introduction to Graphic Design & Advertising (3)
BUS 112 - Business English (3)
BUS 116 - Small Business Management (3)
GRFX 245A - Basic Photoshop Techniques for Graphic Communications Technology (3)

(program description change)
JOURNALISM – PRINTED MEDIA – *Certificate of Achievement, Associate in Science*
The curriculum prepares students to seek employment with newspapers, magazines, and organizational publications such as house organs, newsletters, and annual reports. Graduates will be prepared to work as reporters, writers, news researchers, feature article writers, and editorial and design specialists. The curriculum features computerized desktop publishing/editing and online publishing.

A Certificate of Achievement is awarded upon completion of all required courses with a grade of C or better.

Program Outcomes:
  1. Demonstrate skills in writing news, feature, opinion, and sports stories by producing a portfolio showing a range of published stories.
  2. Contribute to production of a weekly newspaper by participating in story assignment, editing, page design and production.

Requirements for the Certificate of Achievement
(18 units):
Recommended sequence:

Semester I
JOUR 002 - Beginning Journalism (3)

Semester II
JOUR 004A - Reporting and Newswriting (3)
JOUR 007A - Newswriting and Make-Up (4)

Semester III
JOUR 007B - Newswriting and Make-Up (4)
  or JOUR 107A - Online Journalism (4)
JOUR 107B - News Leadership (4)

Semester IV
JOUR 007B - Newswriting and Make-Up (4)
  or JOUR 107A - Online Journalism (4)
JOUR 107B - News Leadership (4)

Recommended electives:
COMM 001 - Survey of Mass Communication (3)
JOUR 005 - Magazine and Small Publications (3)
JOUR 009 - Public Relations and Organizational Communication (3)
JOUR 021 - Beginning Press Photography (3)
JOUR 110 - Journalism Field Practice (3)

(course renumbering - ASL 010A → ASL001, ASL 010B → ASL 002)
LINGUISTICS
(Languages Division)

Linguistics – *Associate in Arts Degree*
Top Code: 1501.10
This program of study provides students with insight into the study of language and language behavior. The theoretical foundations of linguistics provide the basis for gaining insight into language structure and use. Multidisciplinary in nature, this area of emphasis includes social, psychological, and historical aspects of language. The goal of this field of study is to develop a student's capacity to observe, assess, and analyze how language operates. Students who complete this area of emphasis are prepared for advanced study in Linguistics and Foreign Languages at CSU, UC, and private universities. Employment in education, research, communication, psychology, speech pathology, cultural studies, and child development typically requires an advanced degree.

PLEASE NOTE: The courses that universities and colleges require for transfer vary. *When selecting courses for transfer purposes, students should consult with Counseling Services to determine the particular transfer requirements of specific transfer institutions.*

Program Outcomes:
  1. Demonstrate understanding of the systems and functions of human languages.
  2. Use critical thinking skills to analyze and synthesize various aspects of human languages.

Requirements for the area of emphasis
(18 units minimum)

Students must complete the core course and additional requirements. All courses must be completed with a grade of C or better.

Core course (required):
LING 010 - Introduction to Linguistics (3)
  or ENGL 010 - Introduction to Linguistics (3)
Students are strongly encouraged to take this course before other linguistic courses.

Additional requirements: Students must complete three courses (9 units) from the following:

LING 011 - History of English Language (3)
  or ENGL 011 - History of English Language (3)
LING 012 - Intercultural Communication (3)
  or ENGL 012 - Intercultural Communication (3)
LING 014 - Language in Society (3)
LING 016 - Psycholinguistics: Language and The Mind (3)
LING 017 - Introduction to Language Acquisition (3)
ANTH 005 - Introduction to Linguistic Anthropology (3)
SLPA 018 - Speech-Language Pathology and Audiology (3)
LING 020 - Independent Study (1)

Additional Options: Students must also take either two additional courses (at least 6 units) listed above or two foreign language courses (at least 6 units) listed below. Students must take foreign language courses from the same language, if choosing a foreign language as an additional option.

American Sign Language:
ASL 001 - Elementary American Sign Language (4)
ASL 002 - Elementary American Sign Language (4)
ASL 010C - American Sign Language (3)
ASL 010D - American Sign Language (3)

Arabic:
ARBC 001 - Elementary Arabic (5)
ARBC 002 - Elementary Arabic (5)

Armenian:
ARMN 001 - Elementary Armenian (5)
ARMN 002 - Elementary Armenian (5)

Chinese:
CHIN 001 - Elementary Chinese (Mandarin) (5)
CHIN 002 - Elementary Chinese (Mandarin) (5)
CHIN 002A - Elementary Chinese (Mandarin) for Advanced Beginners (5)
CHIN 003 - Intermediate Chinese (Mandarin) (5)
CHIN 004 - Intermediate Chinese (Mandarin) (5)

French:
FRNC 001 - Elementary French (5)
FRNC 002 - Elementary French (5)
FRNC 003 - Intermediate French (5)
FRNC 004 - Intermediate French (5)

German:
GRMN 001 - Elementary German (5)
GRMN 002 - Elementary German (5)
GRMN 003 - Intermediate German (5)
GRMN 004 - Intermediate German (5)

Italian:
ITAL 001 - Elementary Italian (5)
ITAL 002 - Elementary Italian (5)
ITAL 003 - Intermediate Italian (5)
ITAL 004 - Intermediate Italian (5)

Japanese:
JAPN 001 - Elementary Japanese (5)
JAPN 002 - Elementary Japanese (5)
JAPN 003 - Intermediate Japanese (5)
JAPN 004 - Intermediate Japanese (5)
JAPN 005 - Advanced Reading and Composition (3)

Latin:
LATN 001 - Elementary Latin (5)
LATN 002 - Elementary Latin (5)

Portuguese:
PORT 001 - Elementary Portuguese - Level 1 (5)
PORT 002 - Elementary Portuguese - Level 2 (5)
PORT 003 - Intermediate Portuguese (5)
PORT 004 - Intermediate Portuguese (5)

Russian:
RUSS 001 - Elementary Russian (5)
RUSS 002 - Elementary Russian (5)
RUSS 003 - Intermediate Russian (5)
RUSS 004 - Intermediate Russian (5)

Spanish:
SPAN 001 - Elementary Spanish (5)
SPAN 002 - Elementary Spanish (5)
SPAN 002A - Spanish for Spanish Speakers (5)
SPAN 004 - Intermediate Spanish (5)
SPAN 025 - Spanish Composition (3)
SPAN 031 - Language of the Barrio (3)
SPAN 003 - Intermediate Spanish (5)

(Certificate correction – ~~Occupational Skills Certificate~~ replaced with Certificate of Achievement in third paragraph of description; course number correction – Elty 24~~8~~A)

PHOTOVOLTAIC DESIGN AND INSTALLATION - *Certificate of Achievement, Associate in Science*

This program provides a comprehensive introduction to solar photovoltaic (PV) energy systems, including system sizing, design and installation. Basic electrical theories and National Electrical Code related to photovoltaic will be studied. Hands-on experiments and laboratory assignments with state-of-the-art test instruments will provide testing and troubleshooting techniques. Successful participants will also be qualified to sit for the North American Board of Certified Energy Practitioners (NABCEP) "PV Installer Entry Level Certificate of Knowledge" examination.

Employment opportunities may include positions such as photovoltaic installer, inspector, electrical assistant, electrical technician, maintenance technician, public utilities and sales representative, engineering technician along with purchasing and project administrator.

A Certificate of Achievement is awarded upon completion of all required courses with a grade of C or better.

Program Outcomes:
1. Explain residential and commercial photovoltaic system terminology and installation techniques both verbally and in writing.
2. Demonstrate an apprentice-level installation of a residential rooftop photovoltaic system.
3. Demonstrate knowledge and skills required to install basic ground and pole mount photovoltaic systems.
4. Differentiate and apply the proper selection of materials, tools and test equipment for residential photovoltaic system installation and repairs.
5. Demonstrate the use of the Sun pathfinder calculator for shading analysis.

Requirements for the Certificate of Achievement (18 units):

Recommended sequence:

ELTY 217 - Electrical Inspection and Codes (2)
ELTY 248A - Introduction to Electrical Technology (4)
ELTY 248B - Electrical Power Generation and Control Circuits (4)
ELTY 250 - Introduction to Photovoltaic Systems (4)
ELTY 251 - Photovoltaic Theory and Installation Techniques (4)

Recommended electives:

BLDG 212 - Print Reading for Construction (3)
TECH 107A - Technical Calculations (3)

(Correction to total units – 48 units to 49 units)

SPEECH-LANGUAGE PATHOLOGY ASSISTANT – *Certificate of Achievement, Associate in Science*

This curriculum prepares students for employment as Speech-Language Pathology Assistants (SLPAs) in public and private schools, special education sites, community agencies, hospitals and healthcare facilities, and private practices under the supervision of a licensed and ASHA-certified Speech-Language Pathologist (SLP). Students will be trained to assist the SLP in the assessment and treatment of articulation, language, voice, fluency and other communicative disorders in children and adults.

This certificate, when coupled with the A.S. degree, will qualify the student for registration as a SLPA with the Speech-Language Pathology and Audiology and Hearing Aid Dispensers Board of the State of California Department of Consumer Affairs. All courses must be completed with a grade of C or better. Students with a B.A. degree should call the Performing and Communication Arts Division to discuss articulation of course work. The Licensing Board recognizes Pasadena City College as an approved training program.

SLPA courses must be taken in the following order: SLPA 018, 119, 123A, 123B and 126. Eligibility for ENGL 001A is a prerequisite for SLPA 018.

Program Outcomes:

1. Communicate orally and in writing at accepted levels of "best practices" as an assistive service delivery provider in the field of Speech Pathology.
2. Demonstrate the ability to be a valued paraprofessional member of a treatment team in any clinical setting.
3. Accept and respond appropriately to supervisory feedback in all clinical settings.
4. Demonstrate the ability to critically think and problem solve with changing caseload assignments in varying clinical settings and within legal and ethical guidelines.
5. Demonstrate accepted competencies in all areas of clinical service delivery as a paraprofessional and maintain professional conduct and continuing education standards as specified by the Speech Pathology and Audiology Licensing Board for Speech-Language Pathology Assistants in Sacramento, California.

Requirements for the Certificate of Achievement
(49 units):

Required sequence:

SLPA 018 - Speech-Language Pathology and Audiology (3)
SLPA 119 - Speech-Language Pathology: Professional Issues (3)
SLPA 123A - Communication Disorders: Assessment and Remediation (3)
SLPA 123B - COMMUNICATION DISORDERS: REMEDIATION (3)
SLPA 126 - Speech Language Pathology Assistant Field Work (2)
SPCH 003 - Voice and Diction (3)
SPCH 010 - Interpersonal Communication (3)
ASL 001 - Elementary American Sign Language (4)
CHDV 015 - Child, Family and Community (3)
PSYC 024 - Lifespan Developmental Psychology (3)
ENGL 001A - Reading and Composition (4)
ENGL 010 - Introduction to Linguistics (3)
ENGL 012 - Intercultural Communication (3)
CHDV 105 - Children with Challenging Behaviors (3)
CHDV 122 - Practicum in Early Intervention/Special Education (2)
CHDV 030 - Introduction to Children with Special Needs (3)
CHDV 122F - Field Practice in Early Intervention/Special Education (1)

(Course correction - TVR 141A → TVR 041)
TELEVISION OPERATIONS – *Certificate of Achievement, Associate in Science*

The curriculum prepares students for employment as commercial, corporate, and cable television operators. With the growth of cable and satellite distribution and the continuing development of new communication technologies (high definition television, fiber optics and digital media), expanding opportunities will be available for well-trained individuals.

A Certificate of Achievement is awarded upon completion of all required courses with a grade of C or better.

Program Outcomes:
1. Apply production techniques to aural and visual media.
2. Demonstrate technological proficiency in the field of television.
3. Demonstrate professional conduct, including collaborative skills and abilities.

Requirements for the Certificate of Achievement (28-30 units):

Recommended sequence:

Semester I
TVR 001 - Introduction to Electronic Media (3)
TVR 002A - Beginning Audio Production (3)
TVR 007 - Beginning TV Studio Production (3)

Semester II
CIS 030 - Networks and Telecommunications (3)
TVR 107 - Video Studio Controls (5)

Semester III
TVR 024 - Electronic News Gathering and Editing (3)
TVR 041 - Beginning Digital Non-Linear Video Editing (3)
TVR 108 - Television Operations (4)

Required Elective: One of the following:
TVR 117 - Telecommunications Workshop (1)
TVR 119 - Radio Workshop (3)
TVR 120 - Radio Workshop (2)
TVR 124 - Television Field Production (3)
TVR 128A - TV Operations Internship (1)

(Correction to total units – 40 units to 35 units)
THEATRE TECHNOLOGY – *Certificate of Achievement, Associate in Science Degree*
The curriculum prepares students for technical careers in professional and educational theater, stage lighting, scenic arts, stage management and related vocations. There are two courses of study offered.

A Certificate of Achievement is awarded upon completion of all required courses with a grade of C or better.

Program Outcomes:
1. Collaborate with others in the production of theatrical works.
2. Research, analyze, interpret and evaluate dramatic literature and theatre arts.

**Requirements for the Certificate of Achievement
(35 units):**

Recommended sequence:

Required Courses

Semester I
THRT 005A - Theatre History I (3)
THR T005B - Theatre History Ii (3)
THRT 012A - Technical Theater (4)
THRT 030 - Stage Techniques (1)

Semester II
THRT 012B - Advanced Technical Theater (4)
THRT 030 - Stage Techniques (1)
TVR 002A - Beginning Audio Production (3)

Semester III
THRT 013 - Introduction to Scenic Design (3)
THRT 015 - Costume Crafts (3)
TVR 007 - Beginning TV Studio Production (3)

Semester IV
THRT 010A - Makeup for Stage and Screen (3)
THRT 030 - Stage Techniques (1)
THRT 041 - Fundamentals of Stage Lighting (3)

Recommended electives:
THRT 002A - Acting I (3)
THRT 110 - Television/Motion Picture Acting (3)
THRT 131 - Intersession Production Workshop (2)
TVR 104 - Live Sound Reinforcement (3)

NONCREDIT

(Correction to misspelled program name – ~~Attendance~~ to Attendant)
PERSONAL CARE ATTENDANT – *Certificate of Completion*
The Personal Care Attendant program provides students with the essential skills and workforce preparation needed for careers as personal care attendants. The curriculum also prepares students for a pathway to credit health programs. Student gain knowledge in causes of dementia, principles of end-of-life care, cultural diversity, caregiver ethics and skills, medical guidelines, and utilizing key community resources.

Program Outcomes:
1. Apply health care related terms and procedures comfortably in situations commonly encountered during employment as a personal care assistant.
2. Differentiate between responses to dementia, including Alzheimer's disease, and scenarios to select the course most beneficial to the patient.
3. Categorize local health care facilities based on their resources for patients and the families of patients.

Required Courses
PCAN 3000 - Personal Care Attendant I: Basic Care
PCAN 3001 - Personal Care Attendant II: Dementia and End of Life Care

(Correction to incorrect program name – ~~Workforce~~ to Workplace)
WORKPLACE READINESS – *Certificate of Completion*

The Workplace Readiness program provides students with the essential tools and techniques for entering the workforce and/or improving employability skills. Student gains knowledge in effective job searches, writing resumes and cover letters, interviewing techniques, appropriate workplace behaviors, diversity in the workplace, effective communication skills, customer service, and fundamental academic skills. The curriculum also prepares students for pathways to other noncredit or credit certificate programs.

Program Outcomes:
1. Listen actively, respectfully, and critically; correctly interpret verbal instructions in the workplace.
2. Write clearly using accurate diction, forming grammatical sentences free from major errors in mechanics, punctuation and spelling.
3. Demonstrate a conceptual understanding of whole numbers, fractions, decimals and percents and how they are used in the workplace.
4. Perform basic addition, subtraction, division and multiplication operations on whole numbers, fractions, decimals, and percents without the use of a calculator to solve workplace problems.
5. Demonstrate a basic understanding of the purpose and structure of chronological, functional and scannable resumes and in what situations each is appropriate.

Required Courses

WRKP 2101 - Workplace Readiness: Basic English
WRKP 2102 - Workplace Readiness: Basic Math
WRKP 2103 - Workplace Readiness: Basic Job Skills