

Consent Agenda  
December 13, 2016 (continued)

15. Consideration to Approve Resolution to Reimburse Measures C and E Funds Expended Prior to Sale of Bonds [16-143G]
16. Consideration to Approve Qualified List for Architectural Services, Districtwide [16-144G]
17. Consideration to Approve Qualified List for Environmental Consultant Services, Districtwide [16-145G]
18. Consideration to Approve Issuance of Credit Cards for Co-Curricular Activities, Clovis Community College [16-146G]
19. Consideration to Approve Grant Agreements [16-147G]
20. Consideration to Authorize Agreement for Clinical Simulation Mannequins, Fresno City College [16-148G]
21. Consideration to Authorize Agreement for Data Warehouse Solution, Districtwide [16-149G]
22. Consideration to Authorize Purchase of Industrial Technology Equipment, Madera Community College Center [16-150G]
23. Consideration of Bids, Electric Utility Carts Districtwide [16-151G]
24. Consideration to Appoint Director and Alternate Director, Valley Insurance Program Joint Powers Authority [16-152G]
25. Consideration to Approve College and Career Access Partnership Agreements (AB288 Dual Enrollment) [16-153G]
26. Consideration to Approve Curriculum Proposals for Fresno City College, Reedley College and Clovis Community College [16-154G]
27. Consideration to Approve Out-of-State Student Travel for Fresno City College Theatre Arts Students [16-155G]

STATE CENTER COMMUNITY COLLEGE DISTRICT  
1525 E. Weldon  
Fresno, California 93704

PRESENTED TO BOARD OF TRUSTEES

DATE: December 13, 2016

---

SUBJECT: Consideration to Approve Curriculum  
Proposals for Fresno City College, Reedley  
College and Clovis Community College

ITEM NO. 16-154G

---

EXHIBIT: Curriculum Proposals for Fresno City College, Reedley College and  
Clovis Community College

---

Background:

The new courses, course revisions, new programs, and program revisions being presented by the colleges have been reviewed by the appropriate curriculum committees as part of the curriculum approval process. They have also been reviewed and approved for presentation to the Board of Trustees by the district Educational Coordination and Planning Committee. The following are hereby submitted:

FRESNO CITY COLLEGE		
Vocational	Non-Vocational	
6	1	New Programs
20	22	Revised Programs
		Deleted Programs
14	6	New Courses
25	95	Revised Courses
1	6	Deleted Courses
		Special Studies Courses
13	19	Distance Learning Courses
		New/Renewed Articulation Agreements

REEDLEY COLLEGE		
Vocational	Non-Vocational	
4		New Programs
7	1	Revised Programs
1		Deleted Programs
14	3	New Courses
90	1	Revised Courses
4		Deleted Courses
		Special Studies Courses
1	2	Distance Learning Courses
		New/Renewed Articulation Agreements

CLOVIS COMMUNITY COLLEGE		
Vocational	Non-Vocational	
1	1	New Programs
34	14	Revised Programs
		Deleted Programs
2	7	New Courses
35	11	Revised Courses
		Deleted Courses
		Special Studies Courses
1	4	Distance Learning Courses
		New/Renewed Articulation Agreements

Recommendation:

In accordance with Board Policy 4020, administration recommends the Board of Trustees approve the Fresno City College, Reedley College and Clovis Community College curriculum proposals for Fall 2016, Spring 2017, Summer 2017, Fall 2017, Spring 2018, and Fall 2018, as presented.

# Fresno City College

Office of Instruction

## PROPOSED NEW PROGRAMS

Effective Spring 2017

Approved and Recommended by the Curriculum Committee

To ECPC November 18, 2016

1. **PRE-ALLIED HEALTH DENTAL HYGIENE OPTION (voc)**

Associate in Science Degree

**Course added, new**

Allied Health 100, Introduction to Health Careers

**Courses added, existing**

Biology 20, Human Anatomy

Biology 21A, Human Anatomy & Physiology I

Biology 21B, Human Anatomy & Physiology II

Biology 22, Human Physiology

Biology 31, Microbiology

Chemistry 3A, Introductory General Chemistry

Chemistry 3B, Introductory Organic & Biological Chemistry

Communication 1, Introduction to Public Speaking

Communication 2, Interpersonal Communication

English 1A, Reading and Composition

English 1AH, Honors Reading and Composition

Food and Nutrition 35, Nutrition and Health

Food and Nutrition 40, Nutrition

Health Information Technology 10, Medical Terminology

Mathematics 103, Intermediate Algebra

Psychology 2, General Psychology

Psychology 2H, Honors General Psychology

Sociology 1A, Introduction to Sociology

Sociology 1AH, Honors Introduction to Sociology

2. **PRE-ALLIED HEALTH RADIOLOGIC OPTION (voc)**

Associate in Science Degree

**Course added, new**

Allied Health 100, Introduction to Health Careers

**Courses added, existing**

Biology 20, Human Anatomy

Biology 21A, Human Anatomy & Physiology I

Biology 21B, Human Anatomy & Physiology II

Biology 22, Human Physiology

Chemistry 3A, Introductory General Chemistry

English 1A, Reading and Composition

English 1AH, Honors Reading and Composition

Health 1, Contemporary Health Issues

Health Information Technology 10, Medical Terminology

Mathematics 103, Intermediate Algebra

Psychology 2, General Psychology

Psychology 2H, Honors General Psychology

3. **PRE-ALLIED HEALTH REGISTERED NURSING OPTION (voc)**

Associate in Science Degree

**Course added, new**

Allied Health 100, Introduction to Health Careers

**Courses added, existing**

Anthropology 2, Cultural Anthropology

Anthropology 2H, Honors Cultural Anthropology

Biology 20, Human Anatomy

Biology 21A, Human Anatomy & Physiology I

Biology 21B, Human Anatomy & Physiology II

Biology 22, Human Physiology

Biology 31, Microbiology

Chemistry 3A, Introductory General Chemistry

English 1A, Reading and Composition

English 1AH, Honors Reading and Composition

Health Information Technology 10, Medical Terminology

Mathematics 103, Intermediate Algebra

Psychology 2, General Psychology

Psychology 2H, Honors General Psychology

Sociology 1A, Introduction to Sociology

Sociology 1AH, Honors Introduction to Sociology

4. **PRE-ALLIED HEALTH RESPIRATORY CARE OPTION (voc)**

Associate in Science Degree

**Course added, new**

Allied Health 100, Introduction to Health Careers

**Courses added, existing**

Biology 20, Human Anatomy

Biology 21A, Human Anatomy & Physiology I

Biology 21B, Human Anatomy & Physiology II

Biology 22, Human Physiology

Biology 31, Microbiology

Chemistry 3A, Introductory General Chemistry

English 1A, Reading and Composition

English 1AH, Honors Reading and Composition

Health 1, Contemporary Health Issues

Health Information Technology 10, Medical Terminology

Mathematics 103, Intermediate Algebra

Physical Science 11, Introductory Physical Science

Psychology 2, General Psychology

Psychology 2H, Honors General Psychology

# Fresno City College

Office of Instruction

## PROPOSED NEW COURSES

Effective Spring 2017

Approved and Recommended by the Curriculum Committee

To ECPC November 18, 2016

### CREDIT, DEGREE APPLICABLE, TRANSFERABLE

**Allied Health 19, Work Experience (Cooperative), Occupational, 1-8 units, (Pass/No Pass). Corequisite: Allied Health 204. Fall and Spring Semesters: Must be enrolled in at least one other course, in addition to occupational work experience. Summer Session: Enrollment in another college course is optional. Supervised employment directly related to the student's major. Offered under specific majors. Advisory: Eligibility for English 1A recommended.**

Supervised employment extending the classroom based on occupational learning related to the student's major. Collaborative learning objectives established specific to the particular occupational field. Seventy-five hours of paid work or 60 hours of non-paid work per unit per semester. Maximum of 8 units per semester. Maximum 16 units total. Orientation hours may be required. **(unique) (voc)**

### CREDIT, DEGREE APPLICABLE, NONTRANSFERABLE

**Allied Health 100, Introduction to Health Careers, 2 units, 2 lecture hours. Prerequisite: None.**

A prerequisite course for allied health programs to establish a solid foundation in the understanding of allied health professions and the multidisciplinary environment. **(unique) (voc)**

### CREDIT, NONDEGREE APPLICABLE

1. **Administration of Justice 233M, Patrol Canine Handler Update, 0.5 unit, 1.8-2.23 lab hours, (Pass/No Pass) (Open Entry/Open Exit). Prerequisite: A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. Certified law enforcement canine handler. These skills and knowledge base are related to adopted POST and/or industry standards. NOTE: Approval or equivalent training is not a guarantee that state regulatory or licensing agencies will also grant equivalency.**

Course contains legal updates, safety concerns, obedience training, canine personalities, handling techniques, search techniques, environmental concerns, person apprehensions, first aid, and documentation for handlers of patrol canines. **(unique) (voc)**

2. **Administration of Justice 233N, Search and Rescue Training Update, 0.5 unit, 1.78-2.34 lab hours, (Pass/No Pass), (Open Entry/Open Exit). Prerequisite: A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are related to adopted POST and/or industry standards. NOTE: Approval of equivalent training is not a guarantee that state regulatory or licensing agencies will also grant equivalency.**

Law Enforcement search and rescue techniques, rope training, rescue equipment, patient packaging, navigation, tracking, survival skills and field operations. **(unique) (voc)**

3. **Administration of Justice 233O, Underwater Search and Recovery Update, 0.5 unit, 1.8-2.23 lab hours, (Pass/No Pass), (Open Entry/Open Exit). Prerequisite: A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills**

and knowledge base are related to adopted POST and/or industry standards. Students must be advanced law enforcement certified SCUBA divers. NOTE: Approval of equivalent training is not a guarantee that state regulatory or licensing agencies will also grant equivalency.

Underwater search and recovery techniques for SCUBA diving in poor conditions, search and navigating underwater, and utilizing a helicopter during a search. **(unique) (voc)**

4. **Administration of Justice 233P, Search & Rescue Inclement Weather Update, 0.5 unit, 1.8-2.23 lab hours (Pass/No Pass), (Open Entry/Open Exit). Prerequisite: A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are related to adopted POST and/or industry standards. NOTE: Approval of equivalent training is not a guarantee that state regulatory or licensing agencies will also grant equivalency.**

Law Enforcement search and rescue techniques for rescue of persons in swift water environments, snow, inclement weather, various terrains and interaction with helicopter or air support. **(unique) (voc)**

5. **Administration of Justice 246H, MACTAC – Multi Assault, Counter Terrorism Action Capabilities, 0.1 unit, 0.47 lab hours (Pass/No Pass), (Open Entry/Open Exit). Prerequisite: A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are related to adopted POST or industry standards. NOTE: Approval of equivalent training is not a guarantee that state regulatory or licensing agencies will also grant equivalency.**

Multi-assault, counter terrorism capabilities overview related to the response to terrorism in the United States for local law enforcement. **(unique) (voc)**

6. **Allied Health 204, Autism Technician Training, 3 units, 3 lecture hours, (Pass/No Pass), (Open Entry/Open Exit). Prerequisite: None.**

Prepares students for entry-level positions in the field of behavioral health treatment for individuals with autism spectrum disorders (ASD). Students who successfully complete the course will have the training and experience required to be eligible to take the exam to become a Registered Behavior Technician (RBT). Provides students with foundational knowledge in autism spectrum disorders (ASD), applied behavior analysis, and evidence-based intervention techniques. **(unique) (voc)**

7. **Fire Technology 233, Advanced Firefighter Continuing Education, 0.5-1 unit, 2-4.45 lab hours, (Pass/No Pass), (Open Entry/Open Exit). Prerequisite: Successful completion of a California State Fire Marshal's Office Accredited Firefighter 1 Academy or equivalent as determined by the Division Dean, Director or their representative. Note: Approval of equivalency training approval is not a guarantee of state regulatory or licensing agencies will also grant equivalency. Prior to beginning this course students shall be familiar with and be able to demonstrate all of the skill and general knowledge requirements of the California State Fire Marshals' Office 2013 Firefighter 1 curriculum. This curriculum is based on the National Fire Protection Association 1001: Standard for Firefighter Professional Qualifications, National Fire Protection 1051: Standard for Wildland Firefighting Personnel Professional Qualifications and the National Fire Protection Association 472: Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents. These skills will not be taught in this course; rather they will be the starting point for advanced training that build upon them. These subject areas are: Knowledge of Fire Fighter Safety, have the ability to don and doff personal protective ensemble and self-contained breathing apparatus; knowledge of, and familiarity with fire apparatus and operating at an emergency scene; knowledge of, and familiarity with fire department communications equipment; knowledge and familiarity with firefighting tools and equipment; knowledge of and familiarity with structural fire suppression methods;**

**knowledge of and familiarity with firefighting apparatus; knowledge of and familiarity with firefighter survival self-rescue techniques as well as downed firefighter rescue techniques; knowledge of and familiarity with passenger vehicle fires and the hazards associated with them; knowledge and familiarity with wildland response and suppression methods, have the ability to don and doff wildland personal protective equipment and know its limitations; knowledge and familiarity with Hazardous Materials and Weapons of Mass Destruction Incidents.**

Satisfies annual mandatory continuing education requirements of local Fire Agencies, Fresno County Health Department, the California State Fire Marshals Office, and the appropriate sections of the California Code of Regulations; may be offered in seminar, lecture, and/or lab format; specific course deliver method to be determined by each respective agency. **(unique) (voc)**

# Fresno City College

Office of Instruction

## PROPOSED REVISED COURSES

Effective Spring 2017

Approved and Recommended by the Curriculum Committee

To ECPC November 18, 2016

### CREDIT, DEGREE APPLICABLE, TRANSFERABLE

1. **Applied Technology 10, Technical Computer Applications, 3 units, 2.5 lecture hours, 1.5 lab hours.** Revised course hours to **3 lecture hours, 1 lab hour.** Revised course texts and content. **(unique) (voc)**
2. **Computer Information Technology 40, Computer Operating Systems, 4 units, 3.5 lecture hours, 2 lab hours.** Revised course objectives, texts, and methods of instruction. **(unique) (voc)**
3. **Computer Information Technology 68, Advanced Programming Applications, 4 units, 4 lecture hours, 1 lab hour.** Revised course texts and methods of instruction, **(unique) (voc)**
4. **Dental Hygiene 5A, Clinical Dental Hygiene I, 2.5 units, 8 lab hours.** Revised course objectives, texts, and content. **(unique) (voc)**
5. **Dental Hygiene 5C, Clinical Dental Hygiene III, 5 units, 16 lab hours.** Revised course objectives, texts, and content. **(unique) (voc)**

### CREDIT, DEGREE APPLICABLE, NONTRANSFERABLE

**Fire Technology 130A, Basic Fire Academy – Part 1, 13 units, 8 lecture hours, 14.4 lab hours.** Revised course prerequisite to read: **Prerequisite: Valid Public Safety First Aid and CPR course as defined by California Health & Safety Code, Section 1797.182. (unique) (voc)**

### CREDIT, NONDEGREE APPLICABLE

1. **Administration of Justice 222, Internal Affairs Investigator, 1.5 units, 33.6 lecture hours, (1 week), (Pass/No Pass).** Revised course units and hours to **1 unit, 25.2 lecture hours. (unique) (voc)**
2. **Administration of Justice 245U, First Aid & CPR Refresher, 0.1 unit, 0.06 lecture hours, 0.18 lab hours, (Pass/No Pass), (Open Entry/Open Exit).** Revised course hours to **0.47 lab hours.** Revised course prerequisite to read: **Prerequisite: A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the Division Dean, Director or their representative. These skills and knowledge base are related to adopted POST and/or industry standards. Students will need to have completed a Law Enforcement First Aid and CPR course to attend this refresher course. NOTE: Approval of equivalent training is not a guarantee that state regulatory or licensing agencies will also grant equivalency.** Revised course description, objectives, methods of evaluation, content, and student learning outcomes. **(unique) (voc)**
3. **Administration of Justice 270A, Basic Police Academy – Part 1, 24 units, 20.3 lecture hours, 8.8 lab hours, 19 weeks.** Revised course units and hours to **22 units, 12.3 lecture hours, 10.75 lab hours, 20 weeks.** Revised course texts. **(unique) (voc)**

4. **Administration of Justice 270B, Basic Police Academy – Part 2, 27.5 units, 18 lecture hours, 11.1 lab hours, 23 weeks.** Revised course units and hours to **26 units, 11.2 lecture hours, 12.93 lab hours, 24 weeks. (unique) (voc)**
5. **English for Multi-Lingual Students 264LS, Intermediate Listening and Speaking, 2 units, 2 lecture hours, 1 lab hour.** Revised course units and hours to **3 units, 3 lecture hours. (In lieu of RC's ESL 266)**

**NONCREDIT**

**English for Multi-Lingual Students 364LS, Intermediate Listening and Speaking, 0 units, 2 lecture hours, 1 lab hour.** Revised course hours to **3 lecture hours. (In lieu of RC's ESL 366LS)**

# Fresno City College

Office of Instruction

~~Fresno City College~~

~~Office of Instruction~~

## PROPOSED **DELETED COURSES**

Effective Spring 2017

Approved and Recommended by the Curriculum Committee

To ECPC November 18, 2016

### **CREDIT, DEGREE APPLICABLE, TRANSFERABLE**

#### **African-American Studies 36, Contemporary Africa, 3 units, 3 lecture hours.**

This course has not been offered for more than six years, and the course content is covered in other AFRAM courses. The emphasis of this program, African American Studies focuses more on the African experience in the United States, with historical references to Africa. A study of contemporary Africa is more aligned with an Africana Studies programs as upper division course work, programs that examine topics in greater depth and detail of modern day Africa. **(unique)**

### **CREDIT, NONDEGREE APPLICABLE**

#### **Administration of Justice 293, Drug Influence – H&S 11550, 1.5 units, 33.6 lecture hours, 1 week.**

Delete course due to state revisions coming in 2017 making this course format non useable in Spring 2017. Will rebuild course once state issues new format in 2017. **(unique) (voc)**

# **Fresno City College**

Office of Instruction

## **PROPOSED NEW COURSES**

Effective Summer 2017

Approved and Recommended by the Curriculum Committee

To ECPC November 18, 2016

### **CREDIT, DEGREE APPLICABLE, TRANSFERABLE**

**Respiratory Care 21B, Simulation Lab Skills, 0.5 unit, 2 lab hours. Prerequisite: Respiratory Care 21.**

Therapeutic and diagnostic modalities with use of simulation equipment to prepare the student for supervised clinical rotations in the intensive care unit. **(unique) (voc)**

# Fresno City College

Office of Instruction

## PROPOSED NEW PROGRAMS

Effective Fall 2017

Approved and Recommended by the Curriculum Committee

To ECPC November 18, 2016

1. **AMERICAN INDIAN STUDIES**  
Certificate of Achievement  
**Courses added, existing**  
American Indian Studies 31, American Indian Culture  
American Indian Studies 32, American Indian History  
American Indian Studies 34, The American Indian in Contemporary Society  
American Indian Studies 35, American Indian Art
  
2. **PIANO TEACHING**  
Certificate of Achievement  
**Courses added, new**  
Music 150, Piano Teaching I  
Music 151, Piano Teaching II  
**Courses added, existing**  
Music 1A, Music Theory I  
Music 1B, Music Theory II  
Music 7A, Ear Training I  
Music 7B, Ear Training II  
Music 22, Intermediate/Advanced Piano
  
3. **SPORTS MEDICINE (voc)**  
Associate in Science  
**Courses added, new**  
Health Science 3, Concepts in Health and Fitness  
Physical Education 19, Work Experience (Cooperative), Occupational  
**Courses added, existing**  
Biology 20, Human Anatomy  
Biology 21A, Human Anatomy & Physiology I  
Biology 21B, Human Anatomy & Physiology II  
Biology 22, Human Physiology  
Food and Nutrition 35, Nutrition and Health  
Food and Nutrition 41, Sports Nutrition  
Health 2, First Aid and Safety  
Physical Education 15A, Weight Training (Women)  
Physical Education 15B, Weight Training (Men)  
Physical Education 15C, Weight Training (Coed)

# Fresno City College

Office of Instruction

## PROPOSED REVISED PROGRAMS

Effective Fall 2017

Approved and Recommended by the Curriculum Committee

To ECPC November 2016

1. **AFRICAN-AMERICAN STUDIES #7640**  
Associate in Arts  
**Courses added, existing**  
African-American Studies/History 34, History of the American Civil Rights Movement  
American Studies 10, American Pluralism: A Search for Common Ground in a Multicultural Society  
**Courses revised**  
African-American Studies 1, Introduction to African American Studies  
African-American Studies 2, African American Cultural Adaptation  
African-American Studies 3, African American Art  
African-American Studies 4, Classical and Pre Colonial Africa  
African-American Studies 5, The African Diaspora of the Americas  
African-American Studies 6, African Cultures and Languages  
African-American Studies 8, African-American Creative Workshop  
African-American Studies 15, African American Music  
**Course deleted (from program only)**  
African-American Studies 17, African-American Literature  
**Courses deleted (from curriculum)**  
African-American Studies 13, African-American Music to 1940  
African-American Studies 36, Contemporary Africa
2. **AMERICAN INDIAN STUDIES #7680**  
Associate in Arts  
**Courses revised**  
African-American Studies 5, The African Diaspora of the Americas  
American Indian Studies 20, Native Peoples of California  
American Indian Studies 31, American Indian Culture  
American Indian Studies 32, American Indian History  
American Indian Studies 34, The American Indian in Contemporary Society  
American Indian Studies 35, American Indian Art  
American Studies 10, American Pluralism: A Search for Common Ground in a Multicultural Society
3. **APPLE iOS DEVELOPER #2731 (voc)**  
Certificate  
**Course added, new**  
Computer Information Technology 70, Beginning Swift Programming
4. **ASSOCIATE IN ARTS IN HISTORY FOR TRANSFER #7380**  
Associate in Arts  
**Course added, new**  
Women's Studies 22, History of American Women  
**Course added, existing**  
African-American Studies 34, History of the American Civil Rights Movement

5. **ASSOCIATE IN ARTS IN JOURNALISM FOR TRANSFER #5355 (voc)**  
 Associate in Arts  
**Course added, existing**  
 Journalism 11B, Intermediate Media Writing Practicum  
**Course revised**  
 Decision Science 23, Business Statistics
6. **ASSOCIATE IN ARTS IN MUSIC FOR TRANSFER #5805**  
 Associate in Arts  
**Course added, existing**  
 Music 26, Intermediate/Advanced Voice  
**Courses revised**  
 Music 1A, Music Theory I  
 Music 7A, Ear Training I  
 Music 7B, Ear Training: Level II  
 Music 7C, Ear Training: Level III  
 Music 7D, Ear Training Level IV  
 Music 22, Intermediate/Advanced Piano  
 Music 29, Intermediate/Advanced Guitar  
 Music 30, College Choir  
 Music 34, Fresno Chorale  
 Music 41, Jazz Ensemble  
 Music 42A, Intermediate/Advanced Brass (Brass Choir)  
 Music 42B, Intermediate/Advanced Woodwinds (Woodwind Choir)  
 Music 42C, Intermediate/Advanced Strings (String Orchestra)  
 Music 42D, Intermediate/Advanced Percussion (Percussion Ensemble)  
 Music 60, Symphonic Choir  
 Music 68, Symphonic Band  
 Music 70, Contemporary Jazz Ensemble  
 Music 71, Lab Jazz Ensemble  
 Music 76, College Philharmonic Orchestra  
**Courses deleted (from program only)**  
 Music 74A, Intermediate/Advanced Brass Performance Practices  
 Music 74B, Intermediate/Advanced Woodwind Performance Practices  
 Music 74C, Intermediate/Advanced String Performance Practices  
 Music 74D, Intermediate/Advanced Percussion Performance Practices  
**Courses deleted (from curriculum)**  
 Music 61, A Cappella Choir  
 Music 69, Wind Band  
 Music 73A, Intermediate/Advanced Chamber Ensemble (Brass)  
 Music 73B, Intermediate/Advanced Chamber Ensemble (Woodwinds)  
 Music 73C, Intermediate/Advanced Chamber Ensemble (Strings)  
 Music 73D, Intermediate/Advanced Chamber Ensemble (Percussion)  
 Music 75, Community Orchestra
7. **BRASS PERFORMANCE #5811**  
 Certificate  
**Course added, existing**  
 Music 12, Music Appreciation  
**Courses revised**  
 Music 1A, Music Theory I  
 Music 3, Music Fundamentals  
 Music 13, History of Music  
 Music 42A, Intermediate/Advanced Brass (Brass Choir)  
 Music 68, Symphonic Band

Music 76, College Philharmonic Orchestra  
**Course deleted (from program only)**  
Music 74A, Intermediate/Advanced Brass Performance Practices

**Courses deleted (from curriculum)**

Music 69, Wind Band  
Music 73A, Intermediate/Advanced Chamber Ensemble (Brass)  
Music 75, Community Orchestra

8. **CHICANO-LATINO STUDIES FORMERLY CULTURAL STUDIES, LA RAZA #7661**

Associate in Arts

**Courses revised**

American Studies 10, American Pluralism: A Search for Common Ground in a Multicultural Society

Chicano-Latino Studies 11, Introduction to Chicano-Latino Studies

Chicano-Latino Studies 12, Mexican American History

Chicano-Latino Studies 13, Politics and the Chicano-Latino Community

Chicano-Latino Studies/Sociology 14, Sociology of the Mexican American Community

Chicano-Latino Studies 20, Chicano Art

Chicano-Latino Studies/Women's Studies 24, La Chicana and Latina

Chicano-Latino Studies 30, Migration and the Family: Social and Psychological Perspectives

Chicano-Latino Studies 33, Community Involvement: Service Learning

9. **COMMERCIAL MUSIC #5850 (voc)**

Associate in Arts

**Course added, existing**

Music 46, Symphony Orchestra

**Courses revised**

Music 1A, Music Theory I

Music 3, Music Fundamentals

Music 4, Jazz Theory

Music 5, Computer Music Production

Music 6, Jazz Arranging and Composition

Music 7A, Ear Training I

Music 7B, Ear Training: Level II

Music 8, Audio Engineering

Music 9, Composition

Music 10B, Intermediate/Advanced Jazz Improvisation

Music 12, Music Appreciation

Music 13, History of Music

Music 16, Jazz History and Appreciation

Music 17, History of Rock

Music 20, Beginning Piano: Level I

Music 21, Beginning Piano: Level II

Music 22, Intermediate/Advanced Piano

Music 24, Elementary Voice: Level I

Music 25, Elementary Voice: Level II

Music 26, Intermediate/Advanced Voice

Music 27, Beginning Guitar: Level I

Music 28, Beginning Guitar: Level II

Music 29, Intermediate/Advanced Guitar

Music 30, College Choir

Music 34, Fresno Chorale

Music 35, City Singers

Music 41, Jazz Ensemble

Music 42A, Intermediate/Advanced Brass (Brass Choir)

Music 42B, Intermediate/Advanced Woodwinds (Woodwind Choir)  
 Music 42C, Intermediate/Advanced Strings (String Orchestra)  
 Music 42D, Intermediate/Advanced Percussion (Percussion Ensemble)  
 Music 47A, Jazz Combo: New Orleans, Swing and Bob  
 Music 47B, Jazz Combo: Cool and Mainstream  
 Music 47C, Jazz Combo: Modern and Fusion  
 Music 47D, Jazz Combo: World Music  
 Music 48, Latin Jazz Ensemble  
 Music 53, Latin Jazz Workshop  
 Music 54, Afro-Latin Ensemble  
 Music 55, Afro-Caribbean Ensemble  
 Music 57, Solo Repertoire  
 Music 60, Symphonic Choir  
 Music 63, Chamber Singers  
 Music 68, Symphonic Band  
 Music 70, Contemporary Jazz Ensemble  
 Music 71, Lab Jazz Ensemble  
 Music 72, Jazz Composer's Orchestra  
 Music 76, College Philharmonic Orchestra  
 Music 90, Jazz Composers Workshop  
 Music 91, Jazz Composers Ensemble  
 Music 92, Vocal Jazz Ensemble  
 Music 111, The Music Business  
 Music 112, Introduction to Finale  
**Courses deleted (from curriculum)**  
 Music 47, Jazz Combo  
 Music 61, A Cappella Choir  
 Music 64, Vocal Ensemble  
 Music 69, Wind Band  
 Music 73A, Intermediate/Advanced Chamber Ensemble (Brass)  
 Music 73B, Intermediate/Advanced Chamber Ensemble (Woodwinds)  
 Music 73C, Intermediate/Advanced Chamber Ensemble (Strings)  
 Music 73D, Intermediate/Advanced Chamber Ensemble (Percussion)  
 Music 75, Community Orchestra  
 Music 77, Studio Jazz Combo  
 Music 78, Lab Jazz Combo

10. **COMMERCIAL MUSIC #5850 (voc)**

Certificate of Achievement

**Courses revised**

Music 1A, Music Theory I  
 Music 3, Music Fundamentals  
 Music 5, Computer Music Production  
 Music 8, Audio Engineering  
 Music 20, Beginning Piano: Level I  
 Music 111, The Music Business  
 Music 112, Introduction to Finale

11. **COMPUTER INFORMATION SYSTEMS #2701 (voc)**

Associate in Science

**Course added, new**

Computer Information Technology 70, Beginning Swift Programming

**Course revised**

Computer Information Technology 68, Advanced Programming Applications

12. **GUITAR PERFORMANCE #5831**  
 Certificate  
**Course added, existing**  
 Music 12, Music Appreciation  
**Courses revised**  
 Music 1A, Music Theory I  
 Music 3, Music Fundamentals  
 Music 13, History of Music  
 Music 29, Intermediate/Advanced Guitar  
 Music 30, College Choir  
 Music 35, City Singers  
 Music 39A, Baroque/Classical Opera  
 Music 39B, Romantic and Modern Opera  
 Music 39C, Classic Musical Theatre  
 Music 39D, Contemporary Opera and Musical Theatre  
 Music 41, Jazz Ensemble  
 Music 47A, Jazz Combo: New Orleans, Swing and Bob  
 Music 47B, Jazz Combo: Cool and Mainstream  
 Music 47C, Jazz Combo: Modern and Fusion  
 Music 47D, Jazz Combo: World Music  
 Music 48, Latin Jazz Ensemble  
 Music 53, Latin Jazz Workshop  
 Music 54, Afro-Latin Ensemble  
 Music 55, Afro-Caribbean Ensemble  
 Music 60, Symphonic Choir  
 Music 63, Chamber Singers  
 Music 68, Symphonic Band  
 Music 70, Contemporary Jazz Ensemble  
 Music 71, Lab Jazz Ensemble  
 Music 92, Vocal Jazz Ensemble  
**Courses deleted (from curriculum)**  
 Music 47, Jazz Combo  
 Music 61, A Cappella Choir  
 Music 64, Vocal Ensemble  
 Music 66, Opera Performance Practices  
 Music 67, Musical Theater Performance Practices  
 Music 69, Wind Band  
 Music 77, Studio Jazz Combo  
 Music 78, Lab Jazz Combo
13. **HEALTH INFORMATION TECHNOLOGY FORMERLY MEDICAL RECORD TECHNOLOGY #4621 (voc)**  
 Associate in Science  
**Course added, new**  
 Health Information Technology 16, Healthcare Reimbursement
14. **INSTRUMENTAL MUSIC #5810**  
 Associate in Arts  
**Courses revised**  
 Music 1A, Music Theory I  
 Music 7A, Ear Training I  
 Music 7B, Ear Training: Level II  
 Music 9, Composition  
 Music 13, History of Music  
 Music 42A, Intermediate/Advanced Brass (Brass Choir)  
 Music 42B, Intermediate/Advanced Woodwinds (Woodwind Choir)

Music 42C, Intermediate/Advanced Strings (String Orchestra)  
Music 42D, Intermediate/Advanced Percussion (Percussion Ensemble)  
Music 68, Symphonic Band

**Courses deleted (from program only)**

Music 74A, Intermediate/Advanced Brass Performance Practices  
Music 74B, Intermediate/Advanced Woodwind Performance Practices  
Music 74C, Intermediate/Advanced String Performance Practices  
Music 74D, Intermediate/Advanced Percussion Performance Practices

**Courses deleted (from curriculum)**

Music 69, Wind Band  
Music 73A, Intermediate/Advanced Chamber Ensemble (Brass)  
Music 73B, Intermediate/Advanced Chamber Ensemble (Woodwinds)  
Music 73C, Intermediate/Advanced Chamber Ensemble (Strings)  
Music 73D, Intermediate/Advanced Chamber Ensemble (Percussion)  
Music 75, Community Orchestra

15. **JAZZ PERFORMANCE #5812**

Certificate

**Courses revised**

Music 1A, Music Theory I  
Music 3, Music Fundamentals  
Music 4, Jazz Theory  
Music 6, Jazz Arranging and Composition  
Music 10B, Intermediate/Advanced Jazz Improvisation  
Music 16, Jazz History and Appreciation  
Music 41, Jazz Ensemble  
Music 47A, Jazz Combo: New Orleans, Swing and Bob  
Music 47B, Jazz Combo: Cool and Mainstream  
Music 47C, Jazz Combo: Modern and Fusion  
Music 47D, Jazz Combo: World Music  
Music 48, Latin Jazz Ensemble  
Music 53, Latin Jazz Workshop  
Music 54, Afro-Latin Ensemble  
Music 55, Afro-Caribbean Ensemble  
Music 70, Contemporary Jazz Ensemble  
Music 71, Lab Jazz Ensemble  
Music 92, Vocal Jazz Ensemble

**Courses deleted (from curriculum)**

Music 47, Jazz Combo  
Music 77, Studio Jazz Combo  
Music 78, Lab Jazz Combo

16. **LIBERAL ARTS #5121T EMPHASIS IN CULTURAL STUDIES**

Associate in Arts

**Courses revised**

African-American Studies 1, Introduction to African American Studies  
African-American Studies 2, Cultural Adaptation of the African-American  
African-American Studies 4, Classical and Pre Colonial Africa  
African-American Studies 5, The Africans of the New World  
African-American Studies 6, African Cultures and Languages  
African-American Studies/Women's Studies 41, African-American Women's Studies  
American Indian Studies 20, Native Peoples of California  
American Indian Studies 31, American Indian Culture  
American Indian Studies 32, American Indian History  
American Indian Studies 34, The American Indian in Contemporary Society

American Studies 10, American Pluralism: A Search for Common Ground in a Multicultural Society  
 Asian-American Studies 1, Indo-Chinese Americans  
 Asian-American Studies 10, Hmong Culture  
 Asian-American Studies 15, Introduction to Asian-Americans  
 Asian-American Studies 25, Asian American Social Issues  
 Asian-American Studies/Women's Studies 30, Asian-American Women  
 Chicano-Latino Studies 11, Introduction to Chicano-Latino Studies  
 Chicano-Latino Studies 12, Mexican American History  
 Chicano-Latino Studies 13, Politics and the Chicano-Latino Community  
 Chicano-Latino Studies/Sociology 14, Sociology of the Mexican American Community  
 Chicano-Latino Studies/Women's Studies 24, La Chicana and Latina  
 Chicano-Latino Studies 30, Migration and the Family: Social and Psychological Perspectives  
 Women's Studies 10, Changing Roles of Women

17. **LIBERAL ARTS #5141T EMPHASIS IN HISTORY/POLITICAL SCIENCE**

Associate in Arts

**Course added, new**

Women's Studies 22, History of American Women

**Course added, existing**

African-American Studies 34, History of the American Civil Rights Movement

18. **MEDICAL CODING #4627 (voc)**

Certificate of Achievement

**Course added, new**

Health Information Technology 16, Healthcare Reimbursement

19. **MUSIC THEORY #5860**

Certificate

**Course revised**

Music 1A, Music Theory I

20. **MUSIC, GUITAR MAJORS #5830**

Associate in Arts

**Course added, existing**

Music 46, Symphony Orchestra

**Courses revised**

Music 1A, Music Theory I

Music 7A, Ear Training I

Music 7B, Ear Training: Level II

Music 9 Composition

Music 13, History of Music

Music 29, Intermediate/Advanced Guitar

Music 30, College Choir

Music 34, Fresno Chorale

Music 41, Jazz Ensemble

Music 47A, Jazz Combo: New Orleans, Swing and Bob

Music 47B, Jazz Combo: Cool and Mainstream

Music 47C, Jazz Combo: Modern and Fusion

Music 47D, Jazz Combo: World Music

Music 48, Latin Jazz Ensemble

Music 53, Latin Jazz Workshop

Music 54, Afro-Latin Ensemble

Music 55, Afro-Caribbean Ensemble

Music 60, Symphonic Choir

Music 68, Symphonic Band

Music 70, Contemporary Jazz Ensemble  
Music 71, Lab Jazz Ensemble  
Music 72, Jazz Composer's Orchestra  
Music 76, College Philharmonic Orchestra  
Music 90, Jazz Composers Workshop  
Music 91, Jazz Composers Ensemble  
Music 92, Vocal Jazz Ensemble

**Courses deleted (from curriculum)**

Music 47, Jazz Combo  
Music 61, A Cappella Choir  
Music 69, Wind Band  
Music 75, Community Orchestra  
Music 77, Studio Jazz Combo  
Music 78, Lab Jazz Combo

21. **MUSIC, PIANO MAJORS #5840**

Associate in Arts

**Courses added, existing**

Music 46, Symphony Orchestra  
Music 76, College Philharmonic Orchestra

**Courses revised**

Music 1A, Music Theory I  
Music 7A, Ear Training I  
Music 7B, Ear Training: Level II  
Music 9, Composition  
Music 13, History of Music  
Music 22, Intermediate/Advanced Piano  
Music 29, Intermediate/Advanced Guitar  
Music 30, College Choir  
Music 34, Fresno Chorale  
Music 41, Jazz Ensemble  
Music 47A, Jazz Combo: New Orleans, Swing and Bob  
Music 47B, Jazz Combo: Cool and Mainstream  
Music 47C, Jazz Combo: Modern and Fusion  
Music 47D, Jazz Combo: World Music  
Music 48, Latin Jazz Ensemble  
Music 53, Latin Jazz Workshop  
Music 54, Afro-Latin Ensemble  
Music 55, Afro-Caribbean Ensemble  
Music 60, Symphonic Choir  
Music 68, Symphonic Band  
Music 70, Contemporary Jazz Ensemble  
Music 71, Lab Jazz Ensemble  
Music 72, Jazz Composer's Orchestra  
Music 76, College Philharmonic Orchestra  
Music 90, Jazz Composers Workshop  
Music 91, Jazz Composers Ensemble  
Music 92, Vocal Jazz Ensemble

**Courses deleted (from curriculum)**

Music 47, Jazz Combo  
Music 61, A Cappella Choir  
Music 69, Wind Band  
Music 75, Community Orchestra  
Music 77, Studio Jazz Combo  
Music 78, Lab Jazz Combo

22. **MUSIC, VOCAL MAJORS #5820**  
 Associate in Arts  
**Course added, existing**  
 Music 34, Fresno Chorale  
**Courses revised**  
 Music 1A, Music Theory I  
 Music 7A, Ear Training I  
 Music 7B, Ear Training: Level II  
 Music 9, Composition  
 Music 13, History of Music  
 Music 26, Intermediate/Advanced Voice  
 Music 30, College Choir  
 Music 39A, Baroque/Classical Opera  
 Music 39B, Romantic and Modern Opera  
 Music 39C, Classical Musical Theatre  
 Music 39D, Contemporary Opera and Musical Theatre  
 Music 60, Symphonic Choir  
**Courses deleted (from curriculum)**  
 Music 61, A Cappella Choir  
 Music 66, Opera Performance Practices  
 Music 67, Musical Theater Performance Practices
23. **PERCUSSION PERFORMANCE #5813**  
 Certificate  
**Course added, existing**  
 Music 12, Music Appreciation  
**Courses revised**  
 Music 1A, Music Theory I  
 Music 3, Music Fundamentals  
 Music 13, History of Music  
 Music 42D, Intermediate/Advanced Percussion (Percussion Ensemble)  
 Music 68, Symphonic Band  
 Music 76, College Philharmonic Orchestra  
**Course deleted (from program only)**  
 Music 74D, Intermediate/Advanced Percussion Performance Practices  
**Courses deleted (from curriculum)**  
 Music 69, Wind Band  
 Music 73D, Intermediate/Advanced Chamber Ensemble (Percussion)  
 Music 75, Community Orchestra
24. **PIANO PERFORMANCE #5841**  
 Certificate  
**Courses added, existing**  
 Music 12, Music Appreciation  
 Music 22, Intermediate/Advanced Piano  
**Courses revised**  
 Music 1A, Music Theory I  
 Music 3, Music Fundamentals  
 Music 13, History of Music  
 Music 30, College Choir  
 Music 35, City Singers  
 Music 39A, Baroque/Classical Opera  
 Music 39B, Romantic and Modern Opera  
 Music 39C, Classical Musical Theatre  
 Music 39D, Contemporary Opera and Musical Theatre  
 Music 41, Jazz Ensemble

Music 47A, Jazz Combo: New Orleans, Swing and Bob  
Music 47B, Jazz Combo: Cool and Mainstream  
Music 47C, Jazz Combo: Modern and Fusion  
Music 47D, Jazz Combo: World Music  
Music 48, Latin Jazz Ensemble  
Music 53, Latin Jazz Workshop  
Music 54, Afro-Latin Ensemble  
Music 55, Afro-Caribbean Ensemble  
Music 60, Symphonic Choir  
Music 63, Chamber Singers  
Music 68, Symphonic Band  
Music 70, Contemporary Jazz Ensemble  
Music 71, Lab Jazz Ensemble  
Music 92, Vocal Jazz Ensemble

**Courses deleted (from program only)**

Music 35, City Singers

**Courses deleted (from curriculum)**

Music 39, Opera and Musical Theatre Workshop  
Music 47, Jazz Combo  
Music 61, A Cappella Choir  
Music 64, Vocal Ensemble  
Music 66, Opera Performance Practices  
Music 67, Musical Theater Performance Practices  
Music 69, Wind Band  
Music 77, Studio Jazz Combo  
Music 78, Lab Jazz Combo

25. **PRE-LAW IN INTERDISCIPLINARY STUDIES**

Associate in Arts

**Course added, new**

Women's Studies 22, History of American Women

**Course added, existing**

African-American Studies 34, History of the American Civil Rights Movement

26. **STRING PERFORMANCE #5814**

Certificate

**Course added, existing**

Music 12, Music Appreciation

**Courses revised**

Music 1A, Music Theory I

Music 3, Music Fundamentals

Music 13, History of Music

Music 42C, Intermediate/Advanced Strings (String Orchestra)

Music 76, College Philharmonic Orchestra

**Course deleted (from program only)**

Music 74C, Intermediate/Advanced String Performance Practices

**Courses deleted (from curriculum)**

Music 73C, Intermediate/Advanced Chamber Ensemble (Strings)

Music 75, Community Orchestra

27. **VOCAL PERFORMANCE #5821**

Certificate

**Course added, existing**

Music 12, Music Appreciation

**Courses revised**

Music 1A, Music Theory I

Music 3, Music Fundamentals  
 Music 13, History of Music  
 Music 30, College Choir  
 Music 35, City Singers  
 Music 39A, Baroque/Classical Opera  
 Music 39B, Romantic and Modern Opera  
 Music 39C, Classical Musical Theatre  
 Music 39D, Contemporary Opera and Musical Theatre  
 Music 60, Symphonic Choir  
 Music 63, Chamber Singers  
 Music 92, Vocal Jazz Ensemble  
**Courses deleted (from curriculum)**  
 Music 39, Opera and Musical Theatre Workshop  
 Music 61, A Cappella Choir  
 Music 64, Vocal Ensemble  
 Music 66, Opera Performance Practices  
 Music 67, Musical Theater Performance Practices

28. **WOMEN'S STUDIES #7610**

Associate in Arts  
**Course added, new**  
 Women's Studies 22, History of American Women  
**Courses added, existing**  
 American Studies 10, American Pluralism: A Search for Common Ground in a Multicultural Society  
 Asian-American Studies/Women's Studies 30, Asian-American Women  
 Women's Studies 47, Introduction to Lesbian and Gay Studies  
**Courses revised**  
 African-American/Women's Studies 41, African-American Women's Studies  
 Chicano-Latino Studies/Women's Studies 24, La Chicana and Latina  
 Women's Studies/Sociology 5, Sociology of Rape  
 Women's Studies/Sociology 7, Domestic Violence: Abuse within the Family  
 Women's Studies 10, Changing Roles of Women

29. **WOODWIND PERFORMANCE #5815**

Certificate  
**Course added, existing**  
 Music 12, Music Appreciation  
**Courses revised**  
 Music 1A, Music Theory I  
 Music 3, Music Fundamentals  
 Music 13, History of Music  
 Music 42B, Intermediate/Advanced Woodwinds (Woodwind Choir)  
 Music 68, Symphonic Band  
 Music 76, College Philharmonic Orchestra  
**Course deleted (from program only)**  
 Music 74B, Intermediate/Advanced Woodwind Performance Practices  
**Courses deleted (from curriculum)**  
 Music 69, Wind Band  
 Music 73B, Intermediate/Advanced Chamber Ensemble (Woodwinds)  
 Music 75, Community Orchestra

**Program description or non-course changes made to the following degrees and certificates:**

1. Business Administration, Management #2181, Certificate of Achievement
2. Office Manager, Certificate of Achievement

# Fresno City College

Office of Instruction

## PROPOSED NEW COURSES

Effective Fall 2017

Approved and Recommended by the Curriculum Committee

To ECPC November 18, 2016

### CREDIT, DEGREE APPLICABLE, TRANSFERABLE

- 1. Computer Information Technology 70, Beginning Swift Programming, 4 units, 4 lecture hours, 1 lab hour. Advisory: Eligibility for English 1A recommended.**  
An introduction to programming using the Swift language. Emphasis on fundamentals including computation, control structures, functions, classes, object-oriented design, inheritance, and algorithm performance. Preparation for software development on the macOS and iOS platforms. **(unique) (voc)**
- 2. Geography 1L, Physical Geography Lab, 0.5 unit, 2 lab hours. Corequisite: Geography 1.**  
Lab class must be taken concurrently with Geography 1, Physical Geography. Lab provides hands-on learning paralleling Geography 1 curriculum, covering map reading and interpretation, remote sensing/GIS, Earth's structure, Earth-sun relationships, weather and climate, exogenic and endogenic processes, plate tectonics, rocks and minerals, landforms, vegetation and soils, and climate change. **(unique)**
- 3. Health Information Technology 16, Healthcare Reimbursement, 2 units, 2 lecture hours. Prerequisite: Health Information Technology 1. Corequisite: Health Information Technology 6. Advisory: Eligibility for English 1A recommended.**  
Functions and history of healthcare payment systems including insurance plans, government healthcare programs, and managed care; fraud and abuse compliance; revenue cycle management including claims processing, electronic submission, and tools for accurate reimbursement. **(unique) (voc)**
- 4. Health Science 3, Concepts in Health and Fitness, 3 units, 3 lecture hours. Advisory: Eligibility for English 1A recommended.**  
Students learn about the different components of physical fitness, cardiovascular endurance, muscular strength, muscular endurance, flexibility, and body composition as related to healthy living. **(unique)**
- 5. Physical Education 19, Work Experience (Cooperative), Occupational, 1-8 units. Corequisite: Fall and Spring Semesters: Must be enrolled in at least one other course, in addition to occupational work experience. Summer session: Enrollment in another college course is optional. Supervised employment directly related to student's major. Offered under specific majors. Advisory: Eligibility for English 1A recommended.**  
Supervised employment extending the classroom based on occupational learning related to Physical Education and Sports Medicine. Collaborative learning objectives established specific to the particular occupational field. Seventy-five (75) hours of paid work or 60 hours of non-paid work per unit per semester. Maximum of 8 units per semester. Maximum 16 units total. Orientation hours may be required. **(unique) (voc)**
- 6. Women's Studies 22, History of American Women, 3 units, 3 lecture hours, (See also History 22). Advisory: English 1A.**  
Women in American history: social, political, and economic actions and reactions of American women; racial, ethnic, religious, geographic, and class differences. **(unique)**

#### **CREDIT, DEGREE APPLICABLE, NONTRANSFERABLE**

1. **Business & Technology 135, Capstone - One-Person Office, 3 units, 2 lecture hours, 3 lab hours. Advisory: Business & Technology 106. Eligibility for English 1A recommended.**  
A project-based capstone course designed to explore productivity freeware, open-source software, and web-based tools to prepare the entrepreneur to efficiently and effectively run the office side of business. **(unique) (voc)**
2. **Music 150, Piano Teaching I, 2 units, 2 lecture hours, 1 lab hour. Prerequisite: Music 20.**  
Methods for teaching beginning and elementary piano students including a survey and comparison of piano books available for studio teaching. Practical suggestions for maintaining a private piano studio. **(unique)**

#### **NONCREDIT**

**Music 322, Senior Piano Skills, 1 lecture hour, 3 lab hours. Prerequisite: Students must meet the minimum age requirement.**

Builds skills in piano performance. Technical, stylistic and aesthetic elements of the performing repertory from the standard literature of piano solo and ensemble music. Weekly individual instruction: ensemble and solo performance required. Students are required to perform solo juries in front of faculty each semester. **(unique)**

# Fresno City College

Office of Instruction

## PROPOSED REVISED COURSES

Effective Fall 2017

Approved and Recommended by the Curriculum Committee

To ECPC November 18, 2016

### CREDIT, DEGREE APPLICABLE, TRANSFERABLE

1. **African-American Studies 1, Introduction to African American Studies, 3 units, 3 lecture hours, (Formerly Cultural Studies 1).** Revised course objectives, texts, out-of-class assignments, content, methods of instruction, and student learning outcomes. **(unique)**
2. **African-American Studies 2, Cultural Adaptation of the African American, 3 units, 3 lecture hours, (Formerly Cultural Studies 2).** Revised course title to **African American Cultural Adaptation.** Revised course description, objectives, texts, out-of-class assignments, content, and student learning outcomes. **(unique)**
3. **African-American Studies 3, African-American Art, 3 units, 3 lecture hours, (Formerly Cultural Studies 3).** Revised course description, objectives, texts, out-of-class assignments, and student learning outcomes. **(unique)**
4. **African-American Studies 4, Classical and Pre Colonial Africa, 3 units, 3 lecture hours, (Formerly Cultural Studies 4).** Revised course objectives, texts, out-of-class assignments, methods of evaluation, and content. **(unique)**
5. **African-American Studies 5, The Africans of the New World, 3 units, 3 lecture hours, (Formerly Cultural Studies 5).** Revised course title to **The African Diaspora of the Americas.** Revised course description, objectives, texts, content, and student learning outcomes. **(unique)**
6. **African-American Studies 6, African Cultures and Languages, 3 units, 3 lecture hours, (Formerly Cultural Studies 6).** Revised course description, objectives, texts, methods of evaluation, methods of instruction, and student learning outcomes. **(unique)**
7. **African-American Studies 8, African-American Creative Workshop, 3 units, 2 lecture hours, 3 lab hours, (Formerly Cultural Studies 8).** Revised course objectives, texts, content, and student learning outcomes. **(unique)**
8. **African-American Studies 15, African-American Music from 1940 to Present, 3 units, 3 lecture hours.** Revised course title to **African-American Music.** Revised course description, objectives, texts, methods of evaluation, content, methods of instruction, and student learning outcomes. **(unique)**
9. **African-American Studies 34, History of the American Civil Rights Movement, 3 units, 3 lecture hours, (See also History 34).** Revised course texts, content, and methods of instruction. **(unique)**
10. **African-American Studies 41, African-American Women's Studies, 3 units, 3 lecture hours, (See also Women's Studies 41), (Formerly Cultural Studies 41).** Revised course description, objectives, texts, methods of evaluation, and student learning outcomes. **(unique)**

11. **American Indian Studies 34, The American Indian in Contemporary Society, 3 units, 3 lecture hours.** Revised course texts and content. **(unique)**
12. **Asian-American Studies 1, Indo-Chinese Americans, 3 units, 3 lecture hours.** Revised course methods of instruction. **(unique)**
13. **Asian-American Studies 8, Chinese Culture, 3 units, 3 lecture hours.** Revised course objectives, texts, out-of-class assignments, content, and methods of instruction. **(unique)**
14. **Asian-American Studies 10, Hmong Culture, 3 units, 3 lecture hours.** Revised course texts and student learning outcomes. **(unique)**
15. **Asian-American Studies 15, Introduction to Asian-Americans, 3 units, 3 lecture hours.** Revised course texts, out-of-class assignments, and content. **(unique)**
16. **Asian-American Studies 25, Asian American Social Issues, 3 units, 3 lecture hours.** Revised course description, objectives, out-of-class assignments and content. **(unique)**
17. **Asian-American Studies 30, Asian-American Women, 3 units, 3 lecture hours, (See also Women's Studies 30).** Revised course description, objectives, texts, out-of-class assignments, content, and student learning outcomes. **(unique)**
18. **Biology 3, Introduction to Life Science, 3.5 units, 3 lecture hours, 2 lab hours.** Revised course units to **4 units.** Revised course out-of-class assignments, methods of evaluation, and methods of instruction. **(in lieu of RC's and CCC's BIOL 3)**
19. **Biology 3H, Honors Introduction to Life Science, 3.5 units, 3 lecture hours, 2 lab hours.** Revised course units to **4 units.** Revised course out-of-class assignments, methods of evaluation, and methods of instruction. **(unique)**
20. **Biology 5, Human Biology, 3.5 units, 3 lecture hours, 2 lab hours.** Revised course units to **4 units.** Revised course out-of-class assignments, methods of evaluation, and content. **(in lieu of RC's and CCC's BIOL 5)**
21. **Biology 31, Microbiology, 4.5 units, 3 lecture hours, 5 lab hours.** Revised course units to **5 units.** Revised course out-of-class assignments, methods of evaluation, and content. **(in lieu of RC's and CCC's BIOL 31)**
22. **Business Administration 30, Personal Finance, 4 units, 4 lecture hours.** Revised course units and hours to **3 units, 3 lecture hours.** Revised course texts. **(unique) (voc)**
23. **Chicano-Latino Studies 11, Introduction to Chicano-Latino Studies, 3 units, 3 lecture hours, (Formerly Cultural Studies 11).** Revised course description, texts, content, and methods of instruction. **(unique)**
24. **Chicano-Latino Studies 12, Mexican American History, 3 units, 3 lecture hours, (Formerly Cultural Studies 12).** Revised course description, texts, and content. **(unique)**
25. **Chicano-Latino Studies 13, Politics and the Chicano-Latino Community, 3 units, 3 lecture hours, (Formerly Cultural Studies 13).** Revised course content. **(unique)**
26. **Chicano-Latino Studies 14, Sociology of the Mexican American Community, 3 units, 3 lecture hours, (See also Sociology 14), (Formerly Cultural Studies 14).** Revised course texts and methods of instruction. **(unique)**

27. **Chicano-Latino Studies 18, Latin Jazz Ensemble, 2 units, 1 lecture hour, 3 lab hours (See also Music 48).** Revised course prerequisite to read: **Prerequisite: None.** Revised course advisory to read: **Advisory: Ability to perform on an instrument or voice at college level as determined by audition.** Revised course texts and methods of evaluation. **(unique)**
28. **Chicano-Latino Studies 20, Chicano Art, 3 units, 3 lecture hours, (Formerly Cultural Studies 20).** Revised course methods of instruction. **(unique)**
29. **Chicano-Latino Studies 24, La Chicana and Latina, 3 units, 3 lecture hours, (See also Women's Studies 24), (Formerly Cultural Studies 24).** Revised course description, texts, and content. **(unique)**
30. **Chicano-Latino Studies 30, The Mexican American Migration and the Family: Social and Psychological Perspectives, 3 units, 3 lecture hours, (Formerly Cultural Studies 30).** Revised course title to **Migration and the Family: Social and Psychological Perspectives.** Revised course description, objectives, texts, methods of evaluation, content, methods of instruction, and student learning outcomes. **(unique)**
31. **Chicano-Latino Studies 33, Community Leadership, 3 units, 3 lecture hours.** Revised course title to **Community Involvement: Service Learning.** Revised course description, objectives, texts, out-of-class assignments, methods of evaluation, content, methods of instruction, and student learning outcomes. **(unique)**
32. **Computer Information Technology 31, Beginning Excel, 1 unit, 1 lecture hour, 2 lab hours, (9 weeks), (See also Business & Technology 24), (Formerly Information Systems 24 and 74).** Revised course hours and weeks to **1 lecture hour, 1 lab hour, 18 weeks.** Revised course objectives, texts, out-of-class assignments, methods of evaluation, and content. **(unique) (voc)**
33. **Computer Information Technology 45, Data Communications, 3 units, 3 lecture hours, 1 lab hour, (Formerly Computer Information Systems and Information Systems 17).** Revised course description, objectives, texts, and content. **(unique) (voc)**
34. **Dental Hygiene 4, Oral Radiography, 4 units, 2 lecture hours, 6 lab hours.** Revised course objectives and content. **(unique) (voc)**
35. **Dental Hygiene 5B, Clinical Dental Hygiene II, 5 units, 16 lab hours.** Revised course objectives, texts, and content. **(unique) (voc)**
36. **Dental Hygiene 7A, Community Dental Health I, 2 units, 2 lecture hours.** Revised course objectives, texts, out-of-class assignments. **(unique) (voc)**
37. **Dental Hygiene 8A, Patient Management, 2 units, 2 lecture hours.** Revised course objectives and texts. **(unique) (voc)**
38. **Dental Hygiene 13, Clinical Seminar Topics, 1 unit, 2 lecture hours.** Revised course objectives and texts. **(unique) (voc)**
39. **Decision Science 21, Finite Mathematics, 3 units, 3 lecture hours, (Formerly Decision Science 22).** Revised course texts. **(unique)**
40. **Decision Science 23, Business Statistics, 4 units, 4 lecture hours, (Formerly Business Administration 23).** Revised course units and hours to **3 units, 3 lecture hours, 1 lab hour.** Revised course objectives, texts, methods of evaluation, and content. **(in lieu of RC's and CCC's STAT 7) (voc)**

41. **History 34, History of the American Civil Rights Movement, 3 units, 3 lecture hours, (See also African-American Studies 34).** Revised course texts, content, and methods of instruction. **(unique)**
42. **Journalism 15, Basic Editing for Journalists, 2 units, 2 lecture hours.** Revised course units and hours to **3 units, 3 lecture hours.** Revised course description, objectives, texts, out-of-class assignments, methods of evaluation, and content. **(unique) (voc)**
43. **Music 1A, Music Theory I, 3 units, 3 lecture hours.** Revised course objectives and methods of evaluation. **(in lieu of RC's MUS 1A)**
44. **Music 3, Music Fundamentals, 3 units, 3 lecture hours, 1 lab hour.** Revised course objectives, texts, out-of-class assignments, methods of evaluation, content, methods of instruction, and student learning outcomes. **(in lieu of RC's MUS 3)**
45. **Music 5, Computer Music Production, 3 units, 2 lecture hours, 2 lab hours.** Revised course texts, out-of-class assignments, content, and methods of instruction. **(unique)**
46. **Music 6, Jazz Arranging and Composition, 3 units, 3 lecture hours.** Revised course description, texts, out-of-class assignments, and methods of evaluation. **(unique)**
47. **Music 7A, Ear Training I, 1 unit, 1 lecture hour, 1 lab hour.** Revised course methods of instruction. **(in lieu of RC's MUS 7A)**
48. **Music 7B, Ear Training: Level II, 1 unit, 1 lecture hour, 1 lab hour.** Revised course methods of instruction. **(in lieu of RC's MUS 7B)**
49. **Music 9, Composition, 2 units, 2 lecture hours.** Revised course objectives, texts, methods of evaluation, and methods of instruction. **(unique)**
50. **Music 10B, Intermediate/Advanced Jazz Improvisation, 2 units, 1 lecture hour, 3 lab hours.** Revised course description, objectives, texts, out-of-class assignments, methods of evaluation, and content. **(unique)**
51. **Music 12, Music Appreciation, 3 units, 3 lecture hours.** Revised course texts and content. **(in lieu of RC's and CCC's MUS 12)**
52. **Music 13, History of Music, 3 units, 3 lecture hours, (Formerly Music 11).** Revised course description, objectives, texts, out-of-class assignments, methods of evaluation, content, methods of instruction, and student learning outcomes. **(unique)**
53. **Music 16, Jazz History and Appreciation, 3 units, 3 lecture hours.** Revised course objectives, texts, out-of-class assignments, methods of evaluation, content, and methods of instruction. **(in lieu of RC's and CCC's MUS 16)**
54. **Music 17, History of Rock, 3 units, 3 lecture hours.** Revised course objectives, texts, methods of instruction, and student learning outcomes. **(unique)**
55. **Music 20, Beginning Piano: Level I, 2 units, 1 lecture hour, 3 lab hours, (Formerly Music 20A).** Revised course texts and methods of evaluation. **(in lieu of RC's MUS 20)**
56. **Music 21, Beginning Piano: Level II, 2 units, 1 lecture hour, 3 lab hours, (Formerly Music 20B).** Revised texts, course methods of evaluation, and student learning outcomes. **(in lieu of RC's MUS 21)**

57. **Music 22, Intermediate/Advanced Piano, 1-2 units, 1 lecture hour, 1-3 lab hours, (Repeats = 3), (Formerly Music 21).** Revised course texts, content, and student learning outcomes. **(in lieu of RC's MUS 22)**
58. **Music 24, Elementary Voice: Level I, 1.5 units, 1 lecture hour, 2 lab hours, (Formerly Music 25A).** Revised course title to **Beginning Voice: Level I.** Revised course units and hours to **2 units, 1.5 lecture hours, 2 lab hours.** Revised course description, objectives, out-of-class assignments, methods of evaluation, and content. **(in lieu of RC's MUS 24)**
59. **Music 25, Elementary Voice: Level II, 1 unit, 1 lecture hour, 1 lab hour, (Formerly Music 25B).** Revised course title to **Beginning Voice: Level II.** Revised course units and hours to **2 units, 1.5 lecture hours, 2 lab hours.** Revised course description, texts, and content. **(unique)**
60. **Music 26, Intermediate/Advanced Voice, 1-2 units, 1 lecture hour, 1-3 lab hours, (Repeats = 3).** Revised course description, texts, out-of-class assignments, methods of evaluation, content, and student learning outcomes. **(unique)**
61. **Music 27, Beginning Guitar: Level I, 1.5 units, 1 lecture hour, 2 lab hours, (Formerly Music 28A).** Revised course units and hours to **2 units, 1.5 lecture hours, 2 lab hours.** Revised course description, objectives, texts, out-of-class assignments, methods of evaluation, content, methods of instruction, and student learning outcomes. **(in lieu of RC's MUS 27)**
62. **Music 28, Beginning Guitar: Level II, 1.5 units, 1 lecture hour, 2 lab hours, (Formerly Music 28B).** Revised course units and hours to **2 units, 1.5 lecture hours, 2 lab hours.** Revised course description, objectives, texts, out-of-class assignments, methods of evaluation, content, methods of instruction, and student learning outcomes. **(in lieu of RC's MUS 28)**
63. **Music 29, Intermediate/Advanced Guitar, 1-2 units, 1 lecture hour, 1-3 lab hours, (Repeats = 3).** Revised course advisory to read: **Advisory: None.** Revised course description, objectives, texts, out-of-class assignments, methods of evaluation, content, and student learning outcomes. **(unique)**
64. **Music 30, College Choir, 1-2 units, 4-6 lab hours, (Repeats = 3).** Revised course texts, out-of-class assignments, methods of evaluation, content, methods of instruction, and student learning outcomes. **(in lieu of RC's MUS 31)**
65. **Music 34, Fresno Chorale, 1-2 units, 4-6 lab hours, (Repeats = 3), (Formerly Music 31).** Revised course prerequisite to read: **Prerequisite: Audition required.** Revised course description, objectives, out-of-class assignments, methods of evaluation, content, and methods of instruction. **(unique)**
66. **Music 35, City Singers, 2 units, 6 lab hours, (Repeats = 3), (Formerly Music 33).** Revised course description, objectives, texts, out-of-class assignments, methods of evaluation, content, methods of instruction, and student learning outcomes. **(unique)**
67. **Music 39A, Baroque/Classical Opera, 2 units, 1 lecture hour, 3 lab hours.** Revised course title to **Opera Workshop: Baroque/Classical.** Revised course description, texts, methods of evaluation, content, and methods of instruction. **(unique)**
68. **Music 39B, Romantic and Modern Opera, 2 units, 1 lecture hour, 3 lab hours.** Revised course title to **Opera Workshop: Romantic Period.** Revised course description, objectives, texts, methods of evaluation, content, and student learning outcomes. **(unique)**
69. **Music 39C, Classic Musical Theatre, 2 units, 1 lecture hour, 3 lab hours.** Revised course texts, methods of evaluation, and content. **(unique)**

70. **Music 39D, Contemporary Opera and Musical Theatre, 2 units, 1 lecture hour, 3 lab hours.** Revised course objectives, texts, out-of-class assignments, and content. **(unique)**
71. **Music 41, Jazz Ensemble, 1-2 units, 4-6 lab hours, (Repeats = 3).** Revised course objectives, out-of-class assignments, methods of evaluation, and content. **(in lieu of RC's MUS 41)**
72. **Music 42A, Intermediate/Advanced Brass (Brass Choir), 1-2 units, 1 lecture hour, 1-3 lab hours, (Repeats = 3), (Formerly Music 42).** Revised course corequisite to read: **Corequisite: None.** Revised course advisory to read: **Advisory: Eligibility for English 1A recommended. Ability to perform on an instrument or voice at intermediate/advanced level as determined by audition. (unique)**
73. **Music 42B, Intermediate/Advanced Woodwinds (Woodwind Choir), 1-2 units, 1 lecture hour, 1-3 lab hours, (Repeats = 3), (Formerly Music 43).** Revised course corequisite to read: **Corequisite: None.** Revised course advisory to read: **Advisory: Eligibility for English 1A recommended. Ability to perform on a woodwind instrument at a college level as determined by audition.** Revised course texts. **(unique)**
74. **Music 42C, Intermediate/Advanced Strings (String Orchestra), 1-2 units, 1 lecture hour, 1-3 lab hours, (Repeats = 3), (Formerly Music 44).** Revised course corequisite to read: **Corequisite: None.** Revised course advisory to read: **Advisory: Eligibility for English 1A recommended. Ability to perform on an instrument or voice at intermediate/advanced level as determined by audition.** Revised course content. **(unique)**
75. **Music 42D, Intermediate/Advanced Percussion (Percussion Ensemble), 1-2 units, 1 lecture hour, 1-3 lab hours, (Repeats = 3), (Formerly Music 46).** Revised course corequisite to read: **Corequisite: None.** Revised course advisory to read: **Advisory: Eligibility for English 1A recommended. Ability to perform on an instrument or voice at intermediate/advanced level as determined by audition.** Revised course texts. **(unique)**
76. **Music 47A, Jazz Combo: New Orleans, Swing and Bop, 2 units, 1 lecture hour, 3 lab hours.** Revised course advisory to read: **Advisory: Ability to perform on an instrument or voice at college level as determined by audition. Music 10A or 10B recommended.** Revised course student learning outcomes. **(unique)**
77. **Music 47B, Jazz Combo: Cool and Mainstream, 2 units, 1 lecture, 3 lab hours.** Revised course advisory to read: **Advisory: Ability to perform on an instrument or voice at college level as determined by audition. Music 10A or 10B recommended.** Revised course texts and methods of instruction. **(unique)**
78. **Music 47C, Jazz Combo: Modern and Fusion, 2 units, 1 lecture hour, 3 lab hours.** Revised course advisory to read: **Advisory: Ability to perform on an instrument or voice at college level as determined by audition. Music 10A or 10B recommended.** Revised course objectives, texts, and methods of instruction. **(unique)**
79. **Music 47D, Jazz Combo: World Music, 2 units, 1 lecture hour, 3 lab hours.** Revised course advisory to read: **Advisory: Ability to perform on an instrument or voice at college level as determined by audition. Music 10A or 10B recommended.** Revised course objectives, texts, content, and methods of instruction. **(unique)**
80. **Music 48, Latin Jazz Ensemble, 2 units, 1 lecture hour, 3 lab hours, (See also Chicano-Latino Studies 18).** Revised course prerequisite to read: **Prerequisite: None.** Revised course advisory to read: **Advisory: Ability to perform on an instrument or voice at college level as determined by audition.** Revised course texts and methods of evaluation. **(unique)**

81. **Music 53, Latin Jazz Workshop, 2 units, 1 lecture hour, 3 lab hours.** Revised course prerequisite to read: **Prerequisite: None.** Revised course advisory to read: **Advisory: Ability to perform on an instrument or voice at college level as determined by audition.** Revised course texts and content. **(unique)**
82. **Music 54, Afro-Latin Ensemble, 2 units, 1 lecture hour, 3 lab hours.** Revised course advisory to read: **Advisory: Ability to perform an instrument or voice at college level as determined by audition.** Revised course texts. **(unique)**
83. **Music 55, Afro-Caribbean, 2 units, 1 lecture hour, 3 lab hours.** Revised course advisory to read: **Advisory: Ability to perform an instrument or voice at college level as determined by audition.** Revised course texts. **(unique)**
84. **Music 57, Solo Repertoire Studies I, 1 unit, 3 lab hours.** Revised course objectives. **(unique)**
85. **Music 60, Symphonic Choir, 1-2 units, 4-6 lab hours, (Repeats = 3).** Revised course objectives, texts, out-of-class assignments, methods of evaluation, content, methods of instruction, and student learning outcomes. **(unique)**
86. **Music 63, Chamber Singers, 2 units, 6 lab hours.** Revised course objectives, texts, out-of-class assignments, methods of evaluation, and methods of instruction. **(unique)**
87. **Music 68, Symphonic Band, 1-2 units, 4-6 lab hours, (Repeats = 3).** Revised course advisory to read: **Advisory: None.** **(unique)**
88. **Music 70, Contemporary Jazz Ensemble, 1-2 units, 4-6 lab hours, (Repeats = 3).** Revised course objectives, texts, out-of-class assignments, and content. **(unique)**
89. **Music 71, Lab Jazz Ensemble, 1-2 units, 4-6 lab hours, (Repeats = 3).** Revised course objectives, texts, out-of-class assignments, methods of evaluation, content, and student learning outcomes. **(unique)**
90. **Music 72, Jazz Composer's Orchestra, 2 units, 1 lecture hour, 4 lab hours.** Revised course objectives, methods of evaluation, and content. **(unique)**
91. **Music 74C, Intermediate/Advanced String Performance Practices, 1-2 units, 1 lecture hour, 1-3 lab hours.** Revised course content. **(unique)**
92. **Music 76, College Philharmonic Orchestra, 1-2 units, 4-6 lab hours, (Repeats = 3).** Revised course objectives. **(unique)**
93. **Music 90, Jazz Composers Workshop, 2 units, 1 lecture hour, 4 lab hours.** Revised course content and methods of instruction. **(unique)**
94. **Music 91, Jazz Composers Ensemble, 2 units, 1 lecture hour, 4 lab hours.** Revised course objectives, texts and content. **(unique)**
95. **Music 92, Vocal Jazz Ensemble, 2 units, 1 lecture hour, 4 lab hours, (Repeats = 3).** Revised course texts, out-of-class assignments, methods of evaluation, and content. **(unique)**
96. **Physical Education 45, Performance Training and Conditioning Techniques for Intercollegiate Athletics, 1-2 units, 2-5 lab hours, (Repeats = 3).** Revised course units and hours to **0.5-2 units, 2-6 lab hours.** **(in lieu of RC's and CCC's PE 45)**

97. **Sociology 14, Sociology of the Mexican American Community, 3 units, 3 lecture hours, (See also Chicano-Latino Studies 14), (Formerly Cultural Studies 14).** Revised course texts and methods of instruction. **(unique)**
98. **Spanish 2NS, Preparatory Spanish for Native Speakers, 5 units, 5 lecture hours.** Revised course content. **(unique)**
99. **Women's Studies 10, Changing Roles of Women, 3 units, 3 lecture hours.** Revised course objectives, texts, out-of-class assignments, and methods of evaluation. **(unique)**
100. **Women's Studies 24, La Chicana and Latina, 3 units, 3 lecture hours, (See also Chicano-Latino Studies 24).** Revised course description, texts, and content. **(unique)**
101. **Women's Studies 30, Asian-American Women, 3 units, 3 lecture hours (See also Asian-American Studies 30).** Revised course description, objectives, texts, out-of-class assignments, content, and student learning outcomes. **(unique)**
102. **Women's Studies 41, African-American Women's Studies, 3 units, 3 lecture hours.** Revised course description, objectives, texts, methods of evaluation, and student learning outcomes. **(unique)**

**CREDIT, DEGREE APPLICABLE, NONTRANSFERABLE**

1. **Music 111, The Music Business, 3 units, 3 lecture hours.** Revised course description, texts, out-of-class assignments, methods of evaluation, content, and methods of instruction. **(unique) (voc)**
2. **Music 112, Introduction to Finale, 2 units, 1 lecture hour, 3 lab hours.** Revised course texts, out-of-class assignments, methods of evaluation, content, methods of instruction, and student learning outcomes. **(unique)**

# **Fresno City College**

Office of Instruction

## **PROPOSED DELETED COURSES**

Effective Fall 2017

Approved and Recommended by the Curriculum Committee

To ECPC November 18, 2016

### **CREDIT, DEGREE APPLICABLE, TRANSFERABLE**

1. **African American Studies 13, 3 units, 3 lecture hours.**  
The majority of the content of this course is also covered in the course African American Studies (AFRAM) 15. Modifications to AFRAM 15 were made to insure that primary SLO content from the deleted course are still measurable. **(unique)**
2. **Music 66, Opera Performance Practices, 2 units, 1 lecture hour, 3 lab hours.**  
5 Year Curriculum Review. **(unique)**
3. **Music 67, Musical Theatre Practices, 2 units, 1 lecture hour, 3 lab hours.**  
5 Year Curriculum Review. **(unique)**
4. **Music 77, Studio Jazz Combo, 2 units, 1 lecture hour, 3 lab hours.**  
5 Year Curriculum Review. **(unique)**
5. **Music 78, Lab Jazz Combo, 2 units, 1 lecture hour, 3 lab hours.**  
5 Year Curriculum Review. **(unique)**

# **Fresno City College**

Office of Instruction

## **PROPOSED REVISED PROGRAMS**

Effective Spring 2018

Approved and Recommended by the Curriculum Committee

**To ECPC November 18, 2016**

### **RADIOLOGIC TECHNOLOGY #4570 (voc)**

Associate in Science

#### **Courses revised**

Radiologic Technology 1A, Fundamentals of Radiologic Technology

Radiologic Technology 1B, Basic Radiographic Positioning Laboratory

Radiologic Technology 1C, Clinical Orientation Laboratory

Radiologic Technology 1D, Nursing Procedures in Radiologic Technology

# **Fresno City College**

Office of Instruction

## **PROPOSED NEW COURSES**

Effective Spring 2018

Approved and Recommended by the Curriculum Committee

**To ECPC November 18, 2016**

### **CREDIT, DEGREE APPLICABLE, NONTRANSFERABLE**

**Music 151, Piano Teaching II, 2 units, 2 lecture hours, 1 lab hour. Prerequisite: Music 150.**

Pedagogical techniques for teaching intermediate level piano students. Performance of solo and ensemble piano literature. **(unique)**

# **Fresno City College**

Office of Instruction

## **PROPOSED REVISED COURSES**

Effective Spring 2018

Approved and Recommended by the Curriculum Committee

To ECPC November 18, 2016

### **CREDIT, DEGREE APPLICABLE, TRANSFERABLE**

1. **Radiologic Technology 1A, Fundamentals of Radiologic Technology, 6 units, 6 lecture hours.** Revised course prerequisite to read: **Prerequisite: Admission to the Radiologic Technology Program; Health Information Technology 10; Biology 20 and 22 or Biology 21A and 21B.** Revised course texts. **(unique) (voc)**
2. **Radiologic Technology 1B, Basic Radiographic Positioning Laboratory, 1 unit, 3 lab hours.** Revised course prerequisite to read: **Prerequisite: Admission to the Radiologic Technology Program; Health Information Technology 10; Biology 20 and 22 or Biology 21A and 21B.** Revised course advisory to read: **Advisory: Eligibility for English 1A and Mathematics 201 recommended.** Revised course out-of-class assignments and methods of instruction. **(unique) (voc)**
3. **Radiologic Technology 1C, Clinical Orientation Laboratory, 3 units, 9 lab hours.** Revised course prerequisite to read: **Prerequisite: Admission to the Radiologic Technology Program; Health Information Technology 10; Biology 20 and 22 or Biology 21A and 21B.** Revised course methods of instruction. **(unique) (voc)**
4. **Radiologic Technology 1D, Nursing Procedures in Radiologic Technology, 3 units, 3 lecture hours.** Revised course prerequisite to read: **Prerequisite: Admission to the Radiologic Technology Program; Health Information Technology 10; Biology 20 and 22 or Biology 21A and 21B.** **(unique) (voc)**

# Fresno City College

Office of Instruction

## PROPOSED DISTANCE EDUCATION

Effective Spring 2017 and Fall 2017

Approved and Recommended by the Curriculum Committee

To ECPC November 18, 2016

### 1. New, 100% Internet, new

#### a. *Effective Spring 2017*

- i. Allied Health 100, Introduction Health Careers
- ii. Computer Aided Drafting and Design 14, 2D CAD I
- iii. Computer Aided Drafting and Design 16, 3D Solid Modeling I

#### b. *Effective Fall 2017*

- i. African-American Studies 1, Introduction to African American Studies
- ii. African-American Studies 3, African-American Art
- iii. African-American Studies 15, African-American Music
- iv. American Indian Studies 31, American Indian Culture
- v. American Indian Studies 32, American Indian History
- vi. American Indian Studies 34, The American Indian in Contemporary Society
- vii. American Indian Studies 35, American Indian Art
- viii. Decision Science 21, Finite Mathematics
- ix. Decision Science 23, Business Statistics
- x. Health Information Technology 16, Healthcare Reimbursement
- xi. Health Science 1, Contemporary Health Issues
- xii. Women's Studies 47, Introduction to Lesbian and Gay Studies

### 2. Internet and Face-to-Face, new

#### a. *Effective Spring 2017*

- i. Photography 23, Photoshop 2: Digital Darkroom (60% Internet, 40% Face-to-Face)

#### b. *Effective Fall 2017*

- i. Computer Information Technology 62, Beginning Objective C Programming (40% Internet, 60% Face-to-Face)
- ii. Computer Information Technology 63, Beginning Java Programming (40% Internet, 60% Face-to-Face)
- iii. Computer Information Technology 65, Android Programming Applications (40% Internet, 60% Face-to-Face)
- iv. Computer Information Technology 66, Beginning C++ Programming (40% Internet, 60% Face-to-Face)
- v. Computer Information Technology 69, iOS Programming Applications (40% Internet, 60% Face-to-Face)
- vi. Computer Information Technology 70, Beginning Swift Programming (40% Internet, 60% Face-to-Face)
- vii. English for Multi-Lingual Students 263R, Low Intermediate Academic Reading and Vocabulary (50% Internet, 50% Face-to-Face)
- viii. English for Multi-Lingual Students 263W, Low Intermediate Academic Writing and Grammar (50% Internet, 50% Face-to-Face)
- ix. English for Multi-Lingual Students 264R, Intermediate Academic Reading and Vocabulary (50% Internet, 50% Face-to-Face)

- x. English for Multi-Lingual Students 264W, Intermediate Academic Writing and Grammar (50% Internet, 50% Face-to-Face)
- xi. English for Multi-Lingual Students 265R, High Intermediate Academic Reading and Vocabulary (50% Internet, 50% Face-to-Face)
- xii. English for Multi-Lingual Students 265W, High Intermediate Academic Writing and Grammar (50% Internet, 50% Face-to-Face)
- xiii. Physical Education 27, Cardio Interval Training (90% Internet, 10% Face-to-Face)
- xiv. Spanish 9, Spanish Business and Culture (50% Internet, 50% Face-to-Face)
- xv. Welding Technology 2B, Advanced Multi-Process Welding (20% Internet, 80% Face-to-Face)
- xvi. Women's Studies 10, Changing Roles of Women (75% Internet, 25% Face-to-Face)

# Fresno City College

Office of Instruction

## FIVE-YEAR CURRICULUM REVIEW

Approved and Recommended by the Curriculum Committee

To ECPC November 18, 2016

*(Courses listed under discipline had revisions to texts only or no revision.)*

1. **African-American Studies**
2. **American Indian Studies**  
American Indian Studies 20, Native Peoples of California  
American Indian Studies 31, American Indian Culture  
American Indian Studies 32, American Indian History  
American Indian Studies 35, American Indian Art
3. **American Studies**  
American Studies 10, American Pluralism: A Search for Common Ground in a Multicultural Society
4. **Asian-American Studies**
5. **Chicano-Latino Studies**  
Chicano-Latino Studies/Dance 17A, Beginning Mexican Folk Dance  
Chicano-Latino Studies/Dance 17B, Beginning Intermediate Mexican Folk Dance  
Chicano-Latino Studies 21, Chicano Literature  
Chicano-Latino Studies/Dance 27A, Intermediate Mexican Folk Dance  
Chicano-Latino Studies/Dance 27B, Advanced Mexican Folk Dance
6. **Music**  
Music 1B, Music Theory II  
Music 2A, Music Theory III  
Music 2B, Music Theory IV  
Music 4, Jazz Theory  
Music 7C, Ear Training: Level III  
Music 7D, Ear Training: Level IV  
Music 8, Audio Engineering  
Music 10A, Beginning Jazz Improvisation  
Music 18, Basic Conducting and Score Reading  
Music 40, Concert Band  
Music 46, Symphony Orchestra  
Music 49, Advanced Large Ensemble  
Music 59, Advanced Chamber Ensembles  
Music 74A, Intermediate/Advanced Brass Performance Practices  
Music 74B, Intermediate/Advanced Woodwind Performance Practices  
Music 74D, Intermediate/Advanced Percussion Performance Practices
7. **Women's Studies**  
Women's Studies/Sociology 5, Sociology of Rape  
Women's Studies/Sociology 7, Domestic Violence: Abuse within the Family  
Women's Studies 47, Introduction to Lesbian and Gay Studies

# **Fresno City College**

Office of Instruction

## **PROGRAM REVIEW FALL 2016**

To ECPC November 18, 2016

### **INSTRUCTIONAL PROGRAMS**

1. Air Conditioning
2. Automotive Collision Repair
3. Automotive Technology, GM-ASEP
4. Child Development
5. Computer Science
6. Economics
7. Foreign Languages
8. Geography
9. Graphic Communications
10. Humanities
11. Registered Nursing

### **NON-INSTRUCTIONAL PROGRAMS**

1. Allied Health, Physical Education & Athletics
2. Applied Technology
3. Fine Performing & Communication Arts
4. Humanities
5. International Students
6. Math, Science & Engineering
7. Police Academy
8. Social Sciences

**PROPOSED PROGRAM MODIFICATIONS  
EFFECTIVE FALL 2016**

Approved and Recommended by the Curriculum Committee

**To ECPC November 18, 2016**

**Psychology**

*Associate in Arts for Transfer Degree*

**Courses added, existing**

Biology 10 Introduction to Life Science Lecture

Biology 10L Introduction to Life Science Lab

**PROPOSED COURSE MODIFICATIONS  
EFFECTIVE SPRING 2017**

Approved and Recommended by the Curriculum Committee

**To ECPC November 18, 2016**

**DEGREE APPLICABLE TRANSFER**

- 1. Education 10 Introduction to Teaching, 3 units, 2 lecture hours, 3 lab hours, pass/no pass. Advisories: English 1A.** Added limitation on enrollment *This course requires verification of measles vaccination and pertussis, freedom of tuberculosis, and verification of flu vaccination within the past 12 months.* (in-lieu FCC's EDUC 30, CCC's EDUC 10)
- 2. Plant Science 16 Wine Sensory Analysis and Evaluation, 3 units, 3 lecture hours, pass/no pass. Advisories: English 1A and Mathematics 103.** Revised units to *1*, lecture hours to *1*. (unique) (voc)

**NEW COURSE PROPOSALS  
EFFECTIVE SPRING 2017**

Approved and Recommended by the Curriculum Committee

To ECPC November 18, 2016

**DEGREE APPLICABLE, NON TRANSFER**

- 1. Flight 104 Remote Pilot Ground School (small Unmanned Aircraft Systems (sUAS)), 1 unit, 1 lecture hour, pass/no pass. Advisories: English 125 or 130 and 126 and eligibility for Mathematics 201.** The Remote Pilot Ground School (sUAS) course provides classroom training for individuals seeking a remote pilot's license. This course will prepare students to take the FAA written examinations required for certification. Some of the topics covered will include applicable regulations relating to sUAS, airspace classification and operating requirements, the effects of weather on small UA performance, small UA loading and performance, emergency procedures, and maintenance and inspection procedures. (unique) (voc)
- 2. Nursing Assistant Training 102 Nursing Assistant Theory, 5.5 units, 5.6 lecture hours. Advisories: Mathematics 250, Office Technology 10, and English 125 and English 126.** The content of the Nursing Assistant Training course includes personal care skills and communication skills with emphasis on caring for the geriatric and rehabilitative resident, for entry level positions. This competency-based course prepares students in core skills needed for more advanced courses in the health care careers and is held in the classroom located at the skilled nursing facility. This course prepares the student to be eligible to attend NAT clinical 103. Upon successful completion of this course students are able to practice skills at the bed side during NAT- clinical 103. (unique)
- 3. Nursing Assistant Training 103 Nursing Assistant Clinical, 2 units, 6 lab hours, pass/no pass only. Prerequisites: Nursing Assistant Training 102.** The content of the Nursing Assistant Clinical course includes personal care skills and communication skills with emphasis on caring for the geriatric and rehabilitative resident, for entry level positions. This competency-based course prepares students in core skills needed for more advanced courses in the health care careers and is held in a community training site. This course prepares the student to be employed in a licensed extended care facility, an intermediate care facility, an acute hospital, hospice services agencies, or clinic. Upon successful completion of this course students are able to take a state mandated test and be approved as Certified Nursing Assistant by the Department of Health Services. (unique)

**PROPOSED COURSE DELETIONS  
EFFECTIVE FALL 2017**

Approved and Recommended by the Curriculum Committee

**To ECPC November 18, 2016**

**NON DEGREE APPLICABLE, NON TRANSFER**

- 1. Mechanized Agriculture 201 Diesel Electrical Troubleshooting (voc)**
- 2. Mechanized Agriculture 202 Diesel Engines (voc)**
- 3. Mechanized Agriculture 203 Transmissions and Torque Converters (voc)**
- 4. Mechanized Agriculture 204 Hydraulics (voc)**

**PROPOSED COURSE MODIFICATIONS  
EFFECTIVE FALL 2017**

Approved and Recommended by the Curriculum Committee

To ECPC November 18, 2016

**DEGREE APPLICABLE TRANSFER**

- 1. Animal Science 2 Beef Production, 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125 and 126. Revised advisories to *English 125 and 126*. (unique) (voc)**
- 2. Animal Science 3 Sheep Production, 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125 and 126. Revised title to *Small Ruminant Production*, catalog description, advisories to *English 125 and 126*, and student learning outcomes. (unique) (voc)**
- 3. Animal Science 4 Swine Production, 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125 and 126. Revised catalog description and advisories to *English 125 and 126*. (unique) (voc)**
- 4. Animal Science 5 Animal Nutrition, 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125 and 126. Revised advisories to *English 125, 126, and Mathematics 201*. (unique) (voc)**
- 5. Animal Science 6 Livestock Selection and Evaluation, 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125 and 126. Revised advisories to *English 125 and 126*. (unique) (voc)**
- 6. Animal Science 10 Meat Evaluation and Processing, 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125, 126 and Mathematics 201. Revised advisories to *English 125, 126, and Mathematics 201* and student learning outcomes. (unique) (voc)**
- 7. Animal Science 21 Equine Science, 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125 and 126. Revised advisories to *English 125 and*. (unique) (voc)**
- 8. Animal Science 22, Equine Reproduction, 3 units, 2 lecture hours, 3 lab hours. Revised advisories to *English 125 and 126*. (unique) (voc)**
- 9. Animal Science 23 Introductory Farrier Science, 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 1A. Revised catalog description, advisories to *English 125 and 126*. (unique) (voc)**

10. **Animal Science 24 Equitation, 2 units, 1 lecture hour, 3 lab hours, pass/no pass, 2 repeats. Advisories: Eligibility for English 125 and 126.** Revised catalog description and advisories to *English 125 and 126*, repeats to 3. (unique) (voc)
11. **Animal Science 25 Basic Equine Handling, 1 unit, 3 lab hours. Advisories: English 125 and English 126.** Revised catalog description. (unique) (voc)
12. **Animal Science 26 Western Riding & Horsemanship, 2 units, 1 lecture hours, 3 lab hours, 3 repeats. Advisories: English 125 and 126.** Revised catalog description and course objectives. (unique) (voc)
13. **Animal Science 31 Prerequisite Programs for Food Safety, 1 unit, 1 lecture hour. Corequisites: Animal Science 32 and 33. Advisories: English 125 English 126.** Revised catalog description. (unique) (voc)
14. **Animal Science 32 Introduction to Hazard Analysis and Critical Control Points, 1 unit, 1 lecture hour. Corequisites: Animal Science 31 and 33. Advisories: English 125 English 126.** Revised catalog description. (unique) (voc)
15. **Animal Science 33 Verification and Validation of HACCP Systems, 1 unit, 1 lecture hour. Corequisites: Animal Science 31 and 32. Advisories: English 125 English 126.** Revised catalog description. (unique) (voc)
16. **Animal Science 34 Internal Auditing of Food Safety Management, 3 units, 2 lecture hours, 3 lab hours. Prerequisites: Animal Science 31, 32, and 33. Advisories: English 125 English 126.** Revised catalog description. (unique) (voc)
17. **Animal Science 40 Fairs and Expositions, 2 units, 1 lecture hour, 3 lab hours. Advisories: Eligibility for English 125 and 126, 3 repeats.** Revised title to *Livestock Exhibition and Marketing*, catalog description and advisories to *English 125 and 126*. (unique) (voc)
18. **Automotive Technology 9 Automotive Essentials, 3 units, 3 lecture hours. Advisories: Eligibility for English 125 or 130 and 126.** Revised advisories to *English 125 and 126*. (in-lieu FCC's AUTOT 9) (voc)
19. **Automotive Technology 10 Automotive Technician Program, 16 units, 9 lecture hours, 21 lab hours. Prerequisites: Automotive Technology 9. Advisories: Eligibility for English 125 or 130, 126 and Mathematics 201.** Revised advisories to *English 125, 126, and Mathematics 201*. (unique) (voc)
20. **Automotive Technology 11 Automotive Technician Program, 16 units, 9 lecture hours, 21 lab hours. Prerequisites: Automotive Technology 9. Advisories: Eligibility for**

**English 125 or 130, 126 and Mathematics 201.** Revised advisories to *English 125, 126, and Mathematics 201*. (unique) (voc)

- 21. Automotive Technology 19V Cooperative Work Experience, Automotive Technician, 1-8 units, 75 hours = 1 unit; for volunteer work, 60 hours = 1 unit. Prerequisites: Automotive Technology 9 and 10. Corequisites: Automotive Technology 11.** Revised catalog description. (unique) (voc)
- 22. Information Systems 50B Intermediate Game Programming, 3 units, 3 lecture hours, 1 lab hour. Advisories: Eligibility for English 125, 126, and Mathematics 201. Prerequisites: Information Systems 15.** Revised title to *Introduction to Game Programming using Unity 3D*, catalog description, advisories to *English 125, 126, and Mathematics 201*, student learning outcomes, and course objectives. (in-lieu CCC's IS 50B) (voc)
- 23. Manufacturing Technology 19V Cooperative Work Experience - Manufacturing Technology, 1-8 units, 75 hours = 1 unit; for volunteer work, 60 hours = 1 unit.** Revised advisories to *English 125, 126 and Mathematics 103*, prerequisites to *Manufacturing Technology 60 or 80*. (unique) (voc)
- 24. Manufacturing Technology 21, Industrial Materials, 2 units, 2 lecture hours, .5 lab hour, pass/no pass. Prerequisites: Industrial Technology 205.** Revised catalog description and advisories to *English 125,126 and Mathematics 103*. (unique) (voc)
- 25. Manufacturing Technology 22, Blueprint Reading, 2 units, 2 lecture hours, .5 lab hour, pass/no pass. Prerequisites: Industrial Technology 205.** Revised catalog description and advisories to *English 125,126 and Mathematics 103*. (unique) (voc)
- 26. Manufacturing Technology 23, Electricity, 2 units, 2 lecture hours, .5 lab hour, pass/no pass. Prerequisites: Industrial Technology 205.** Revised catalog description and advisories to *English 125,126 and Mathematics 103*. (unique) (voc)
- 27. Manufacturing Technology 24, Hydraulics, 2 units, 2 lecture hours, .5 lab hour, pass/no pass. Prerequisites: Industrial Technology 205.** Revised catalog description and advisories to *English 125, 126 and Mathematics 103*. (unique) (voc)
- 28. Manufacturing Technology 60 Introduction to Welding, 6 units, 4 lecture hours, 5.5 lab hours, pass/no pass. Prerequisites: Industrial Technology 205.** Revised lecture hours to 5, lab hours to 6 and advisories to *English 125, 126, and Mathematics 103*. (unique) (voc)
- 29. Manufacturing Technology 61 Intermediate Welding, 4 units, 1.5 lecture hours, 8 lab hours, pass/no pass. Prerequisites: MFGT 60 or equivalent course or verified work**

- experience in the field. Revised advisories to *English 125, 126, and Mathematics 103*. (unique) (voc)
30. **Manufacturing Technology 62 Advanced Welding, 4 units, 1.5 lecture hours, 8 lab hours, pass/no pass. Prerequisites: MFGT 61 or equivalent course or verified work experience in the field.** Revised catalog description and advisories to *English 125, 126, and Mathematics 103*. (unique) (voc)
  31. **Manufacturing Technology 63 Welding Certification Preparation, 1 unit, 3 lab hours, pass/no pass. Corequisites: Manufacturing Technology 61 (previously or concurrently).** Revised corequisites to *none*, prerequisites to *Manufacturing Technology 61* and advisories to *English 125, 126, and Mathematics 103*. (unique) (voc)
  32. **Manufacturing Technology 80 Introduction to Machine Shop, 6 units, 4 lecture hours, 5.5 lab hours, pass/no pass. Prerequisites: Industrial Technology 205.** Revised units to 5, lecture hours to 3, lab hours to 6 and advisories to *English 125, 126, and Mathematics 103*. (unique) (voc)
  33. **Manufacturing Technology 81 Intermediate Machine Shop, 4 units, 1.5 lecture hours, 8 lab hours, pass/no pass.** Revised advisories to *English 125, 126, and Mathematics 103*. (unique) (voc)
  34. **Manufacturing Technology 82 Advanced Machine Shop, 4 units, 1.5 lecture hours, 8 lab hours, pass/no pass. Prerequisites: Manufacturing Technology 81 or equivalent course or verified work experience in the field.** Revised advisories to *English 125, 126, and Mathematics 103*. (unique) (voc)
  35. **Manufacturing Technology 83 Machine Shop Certification Preparation, 1 unit, 3 lab hours, pass/no pass. Corequisites: Manufacturing Technology 81 (Previous or Concurrent).** Revised advisories to *English 125, 126, and Mathematics 103*. (unique) (voc)
  36. **Manufacturing Technology 91 Motor Control 1, 2 units, 1.5 lecture hours, 1.5 lab hours. Prerequisites: Manufacturing Technology 23.** Revised advisories to *English 125, 126, and Mathematics 103*. (unique) (voc)
  37. **Manufacturing Technology 92 Motor Controls 2, 2 units, 1.5 lecture hours, 1.5 lab hours. Prerequisites: Manufacturing Technology 91.** Revised catalog description and advisories to *English 125, 126, and Mathematics 103*. (unique) (voc)
  38. **Manufacturing Technology 93 Programmable Logic Controllers (PLC's), 2 units, 1.5 lecture hours, 1.5 lab hours. Prerequisites: Manufacturing Technology 92.** Revised title to *Programmable Logic Controllers (PLCs)*, catalog description and advisories to *English 125, 126, and Mathematics*. (unique) (voc)

39. **Manufacturing Technology 94 Introduction to Solar Technology, 2 units, 2 lecture hours, .5 lab hour, pass/no pass. Prerequisites: Manufacturing Technology 93.** Revised advisories to *English 125, 126, and Mathematics 103*. (unique) (voc)
40. **Mechanized Agriculture 20 Equipment Technician: Diesel Engines, Service Fundamentals, Machine Systems, 11 units, 8 lecture hours, 9 lab hours. Advisories: Eligibility for English 125 or 130, 126, and Mathematics 201.** Revised advisories to *English 125, 126 and eligibility for Mathematics 201*. (unique) (voc)
41. **Mechanized Agriculture 21 Equipment Technician: Transmissions, Torque Converters, & Air Conditioning, 8 units, 6 lecture hours, 6 lab hours. Advisories: Eligibility for English 125 or 130, 126, and Mathematics 201.** Revised title to *Equipment Technician: Power Train I and Mobile Vehicle Air Conditioning* and advisories to *English 125, 126 and eligibility for Mathematics 201*. (unique) (voc)
42. **Mechanized Agriculture 30 Equipment Technician: Electrical, Hydraulic Systems & Welding, 11 units, 8 lecture hours, 9 lab hours. Advisories: Eligibility for English 125 or 130, 126, and Mathematics 201.** Revised advisories to *English 125, 126 and eligibility for Mathematics 201*. (unique) (voc)
43. **Mechanized Agriculture 31 Equipment Technician: Fuel Systems & Machine Undercarriage, 8 units, 6 lecture hours, 6 lab hours. Advisories: Eligibility for English 125 or 130, 126, and Mathematics 201.** Revised title to *Equipment Technician: Fuel Systems & Power Train II*, advisories to *English 125, 126 and eligibility for Mathematics 201* and catalog description. (unique) (voc)
44. **Mechanized Agriculture 40 Introduction to Agricultural Mechanics, 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 201.** Revised advisories to *English 125, 126 and eligibility for Mathematics*. (unique) (voc)
45. **Mechanized Agriculture 41 Introduction to Agricultural Welding, 3 units, 2 lecture hours, 3 lab hours.** Revised advisories to *English 125, 126, and eligibility for Mathematics 201*. (unique) (voc)
46. **Mechanized Agriculture 42 Small Gasoline and Diesel Engines, 3 units, 2 lecture hours, 3 lab hours.** Revised advisories to *English 125, 126, and eligibility for Mathematics 201*. (unique) (voc)
47. **Mechanized Agriculture 43 Electrical and Hydraulic Fundamentals, 3 units, 2 lecture hours, 3 lab hours.** Revised advisories to *English 125, 126, and eligibility for Mathematics 201*. (unique) (voc)

48. **Mechanized Agriculture 44 Agriculture Welding Fabrication 3 units, 2 lecture hours, 3 lab hours.** Revised advisories to *English 125, 126, and eligibility for Mathematics 201.* (unique) (voc)
49. **Mechanized Agriculture 50 Heavy Duty Brake Systems, 4 units, 2 lecture hours, 6 lab hours. Advisories: Eligibility for English 1A and Math 201.** Revised advisories to *English 125, 126, and eligibility for Mathematics 201.* (unique) (voc)
50. **Mechanized Agriculture 51 Heavy Duty Suspension and Steering, 4 units, 2 lecture hours, 6 lab hours. Advisories: Eligibility for English 1A and Math 201.** Revised advisories to *English 125, 126, and eligibility for Mathematics 201.* (unique) (voc)
51. **Natural Resources 1 Introduction to Forestry, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 201.** Revised catalog description, advisories to *English 125 and 126,* and course objectives. (unique) (voc)
52. **Natural Resources 3, Computers in Natural Resources, 1 unit, .5 lecture hour, 1.5 lab hours. Advisories: Eligibility for English 126.** Revised advisories to *English 125 and 126,* student learning outcomes and course objectives. (unique) (voc)
53. **Natural Resources 4 Forest Ecosystems, 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 201.** Revised advisories to *English 125 and 126,* student learning outcomes, and course objectives. (unique) (voc)
54. **Natural Resources 5 Wildland Fire Technology, 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 201.** Revised catalog description, advisories to *English 125 and 126,* and course objectives. (unique) (voc)
55. **Natural Resources 6 Dendrology, 3 units, 2 lecture hours, 3 lab hours. Advisories: Natural Resources 4, eligibility for English 125 and 126.** Revised catalog description, advisories to *English 125 and 126,* student learning outcomes, and course objectives. (unique) (voc)
56. **Natural Resources 7 Conservation of Natural Resources, 3 units, 3 lecture hours. Advisories: Eligibility for English 125 and 126.** Revised catalog description, advisories to *English 125 and 126,* and course objectives. (unique) (voc)
57. **Natural Resources 8 Natural Resources Career Preparation, 1 unit, 1 lecture hour. Advisories: Eligibility for English 125 and 126.** Revised advisories to *English 125 and 126.* (unique) (voc)
58. **Natural Resources 11 Silviculture, 3 units, 2 lecture hours, 3 lab hours, Advisories: Eligibility for English 125, 126, and Mathematics 201.** Revised catalog

description, advisories to *English 125 and 126* and student learning outcomes. (unique) (voc)

59. **Natural Resources 12 Watershed Ecology, 3 units, 2 lecture hours, 3 lab hours, Advisories: Eligibility for English 125, 126, and Mathematics 201.** Revised catalog description, advisories to *English 125 and 126*, and course objectives. (unique) (voc)
60. **Natural Resources 14 Principles of Wildlife Management, 3 units, 2 lecture hours, 3 lab hours, Advisories: Natural Resources 6, eligibility for English 125, 126, and Mathematics 201.** Revised catalog description, advisories to *English 125 and 126*, student learning outcomes, and course objectives. (unique) (voc)
61. **Natural Resources 17 Introduction to Forest Surveying, 3 units, 2 lecture hours, 3 lab hours, Advisories: Mathematics 103 or 4A and eligibility for English 125 and 126.** Revised catalog description, advisories to *Mathematics 103 or 4A, English 125 and 126*, and student learning outcomes. (unique) (voc)
62. **Natural Resources 18 Aerial Photo Interpretation & Geographic Information Systems, 3 units, 2 lecture hours, 3 lab hours, Advisories: Eligibility for English 125, 126 and Mathematics 201.** Revised title to *Aerial Photo Interpretation & Geographic Information Systems*, catalog description and advisories to *English 125 and 126*. (unique) (voc)
63. **Natural Resources 19V Cooperative Work Experience – Forestry, 1-8 units, 75 hours = 1 unit; for volunteer work, 60 hours = 1 unit.** Revised catalog description. (unique) (voc)
64. **Natural Resources 20 Forest Measurements, 3 units, 2 lecture hours, 3 lab hours. Advisories: Mathematics 103, 11, and eligibility for English 125 and 126.** Revised catalog description, advisories to *Mathematics 103, English 125 and 126*, student learning outcomes, and course objectives. (unique) (voc)
65. **Natural Resources 21 Forest Products, 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 201.** Revised catalog description, advisories to *English 125 and 126*, student learning outcomes, and course objectives. (unique) (voc)
66. **Natural Resources 25 Forest and Resource Management, 1 unit, 1 lecture hour. Prerequisites: Natural Resources 1. Advisories: Previous or concurrent enrollment in Natural Resources 11 and 14; eligibility for English 125, 126, and Mathematics 201.** Revised catalog description and advisories to *English 125 and 126*. (unique) (voc)
67. **Natural Resources 30 Forest Recreation, 3 units, 2 lecture hours, 3 lab hours. Advisories: Natural Resources 1 and 6; and eligibility for English 125, 126, and**

- Mathematics 201. Revised catalog description, advisories to *English 125 and 126*, and course objectives. (unique) (voc)
68. **Natural Resources 31 Animal Packing, 2 units, 1 lecture hour, 3 lab hours. Advisories: Eligibility for English 125 and 126.** Revised repeats to 3, catalog description, advisories to *English 125 and 126*, student learning outcomes, and course objectives. (unique) (voc)
69. **Natural Resources 32 Museum Techniques – Taxidermy, 1 unit, 3 lab hours, pass/no pass. Advisories: Eligibility for English 126.** Revised number to 32A, title to *Museum Techniques-Beginning Taxidermy*, lecture hours to .5, lab hours to 2.5, grading basis to *graded only*, advisories to *English 126*, student learning outcomes, and course objectives. (unique) (voc)
70. **Natural Resources 35 Interpretation of Natural Resources, 3 units, 2 lecture hours, 3 lab hours, pass/no pass. Advisories: Corequisites: Natural Resources 1 and 6. Eligibility for English 1A.** Revised catalog description, grading basis to *graded only*, advisories to *English 125, 126, and Natural Resources 1*, student learning outcomes, and course objectives. (unique) (voc)
71. **Natural Resources 36 Natural Resources Law Enforcement, 3 units, 3 lecture hours. Advisories: Eligibility for English 125 and 126.** Revised catalog description and advisories to *English 125 and 126*. (unique) (voc)
72. **Natural Resources 42 Advanced Wildland Fire Technology, 2 units, 1 lecture hour, 3 lab hours. Prerequisites: Natural Resources 5. Advisories: Eligibility for English 125, 126, and Mathematics 201.** Revised catalog description, advisories to *English 125 and 126*, student learning outcomes, and course objectives. (unique) (voc)
73. **Natural Resources 43 Wildland Fire Technology 2, 3 units, 2 lecture hours, 3 lab hours. Prerequisites: NR-5 Wildland Fire Technology. Advisories: English 126.** Revised advisories to *English 125 and 126*. (unique) (voc)
74. **Natural Resources 44 Fire Ecology, 3 units, 3 lecture hours. Advisories: English 126.** Revised catalog description and advisories to *English 125 and 126*. (unique) (voc)
75. **Natural Resources 45 Fuels Management, 3 units, 2 lecture hours, 3 lab hours. Advisories: English 126.** Revised catalog description and advisories to *English 125 and 126*. (unique) (voc)
76. **Natural Resources 46 Wildland Fire Technology 3, 1 unit. .5 lecture hour, 1.72 lab hours. Advisories: English 126.** Revised advisories to *English 125 and 126*. (unique) (voc)

77. **Natural Resources 90 Backpacking, 1 unit, .5 lecture hour, 1.5 lab hours, pass/no pass. Advisories: Eligibility for English 125, 126, and Mathematics 201.** Revised catalog description, grading basis to *graded only*, advisories to *English 125 and 126*, student learning outcomes, and course objectives. (unique) (voc)
78. **Natural Resources 91 Wilderness Navigation, 1 unit, .83 lecture hours 23.94 lab hours. Advisories: English 125 and 126.** Revised catalog description, student learning outcomes, and course objectives. (unique) (voc)
79. **Natural Resources 92 Wilderness Survival, 1 unit, .5 lecture hour, 1.5 lab hours, pass/no pass. Advisories: Eligibility for English 125, 126, and Mathematics 201.** Revised catalog description, grading basis to *graded only*, and advisories to *English 125 and 126*. (unique) (voc)

#### **DEGREE APPLICABLE, NON TRANSFERABLE**

1. **Natural Resources 108 Introduction to Forestry Field Studies, .5 unit, .23 lecture hour, 1 lab hour, pass/no pass only. Advisories: English 126.** Revised catalog description and student learning outcomes. (unique) (voc)
2. **Natural Resources 109 Forestry Field Studies I, .5 unit, .23 lecture hour, 1 lab hour, pass/no pass only. Advisories: English 126.** Revised catalog description. (unique) (voc)
3. **Natural Resources 110, Forestry Field Studies II, .5 unit, .23 lecture hour, 1 lab hour, pass/no pass only. Advisories: English 126.** Revised student learning outcomes. (unique) (voc)
4. **Natural Resources 115 Advanced Field Studies I, .5 unit, .23 lecture hour, 1 lab hour, pass/no pass only. Advisories: English 126.** Revised catalog description. (unique) (voc)
5. **Natural Resources 116 Advanced Field Studies II, .5 unit, .23 lecture hour, 1 lab hour, pass/no pass only. Advisories: English 126.** Revised catalog description. (unique) (voc)
6. **Natural Resources 133, Introduction to Chainsaw Operations, 1 unit, .5 lecture hour, 1.5 lab hours pass/no pass. Eligibility for English 125, 126, and Mathematics 201.** Revised catalog description and advisories to *English 125 and 126*. (unique) (voc)

#### **NON DEGREE APPLICABLE, NON TRANSFERABLE**

1. **Industrial Technology 205 Foundation Skills in Industrial Technology, 2 units, 2 lecture hours, .5 lab hour, pass/no pass. Advisories: Eligibility for English 252 or English as a Second Language 225W, English 262 or English as a Second Language**

**226R, and Mathematics 256.** Revised catalog description and advisories to *English 125, 126, and Mathematics 201*. (unique) (voc)

2. **Manufacturing Technology 277E Assistance in Welding, 1 unit 3 lab hours pass/no pass only. Prerequisites: IT 205 or equivalent. Corequisites: MFGT 60 or equivalent.** Revised units to .5-2, lab hours to *1.5-6*. (unique) (voc)

**NEW COURSE PROPOSALS  
EFFECTIVE FALL 2017**

Approved and Recommended by the Curriculum Committee

**To ECPC November 18, 2016**

**DEGREE APPLICABLE, TRANSFER**

- 1. Agriculture Education 50 Agriculture Education Orientation, 3 units, 2 lecture hours, 3 lab hours. Advisories: English 125 and 126.** This course is an overview of agricultural education in California, including the principle components of agricultural education, developing academic and career plans, and observation in a secondary agricultural education classroom. In addition to class time, the course requires a minimum of 45 hours of structured fieldwork in K-12 classrooms that represent California's diverse student population, and includes cooperation with at least one carefully selected and campus-approved certificated classroom teacher. Students need to do their observation in a classroom that is in line with their degree plans. Single subject agriculture credential require that candidates observe in subject area at high school or junior high. This course requires verification of measles vaccination and pertussis, freedom of tuberculosis, and verification of flu vaccination within the past 12 months. (unique) (voc)
- 2. Business Administration 61 Field Studies in Business, 3 units, 3 lecture hours, pass/no pass. Advisories: English 1A and two of the following: Economics 1A, 1B, Business Administration 18. Stand Alone Course.** This course provides opportunities for students to integrate their academic work with experiences in the business community; which is a key objective for Business Administration majors. To achieve this objective, students will research multiple industries within the business sector and interact with management level personnel in selected enterprises. Learning will occur both in and outside of the classroom. (unique) (voc)
- 3. Manufacturing 51 Manufacturing Essentials, 5 units, 3 lecture hours, 6 lab hours, pass/no pass. Prerequisites: Industrial Technology 205. Advisories: English 125, 126, and Mathematics 103.** The study of manufacturing blueprints, materials, fabrication processes, and finishing techniques as used in today's industry. (unique) (voc)
- 4. Manufacturing 52 Manufacturing Fabrication, 4 units, 3 lecture hours, 3.33 lab hours, pass/no pass. Prerequisites: Industrial Technology 205 and Manufacturing Technology 51. Advisories: English 125, 126, and Mathematics 103.** This course will provide instruction on metal fabrication. Instruction will be provided in the areas of welding techniques, project planning, sketches/working drawings, material selection, project layout, cutting, fitting, tacking, squaring, and finishing of student projects. (unique) (voc)

5. **Mathematics 11C Elementary Statistics with Support, 5 units, 5 lecture hours.**  
**Prerequisites: Mathematics 103 or 211. Advisories: English 125 and 126. Fulfills RC's Math Competency Graduation Requirement.** This course is an introduction to statistical methods and techniques with applications in the fields of business, behavioral and social science, as well as in science, technology, engineering, and mathematics. Topics include descriptive measures of central tendency and variability, probability, binomial and normal distributions, random variables, sampling, estimating, hypothesis testing
6. (parametric and nonparametric), correlation and regression, just-in-time-support learning and study skills. Not open to students with credit in MATH 11. (in-lieu FCC's MATH 11, CCC's MATH 11 & STAT 7)
7. **Plant Science 21 Fermentation Science, 3 units, 2 lecture hours, 3 lab hours, pass/no pass. Advisories: English 125, 126 and Mathematics 103.** Overview of beer brewing, including history, malting, brewing, fermentation, finishing and packaging. In addition, sensory analysis, lab analysis and quality assurance in beer production. Course enrollment is restricted to students 21 years of age or older. (unique) (voc)
8. **Plant Science 31 Prerequisite Programs for Food Safety, 1 unit, 1 lecture hour.**  
**Corequisites: Plant Science 32 and 33. Advisories: English 125 and 126.** This course provides an introduction to food safety principles including identification of potential food safety hazards and sources of contamination, understanding the benefits of implementing Good Agricultural Practices (GAPs) and Good Manufacturing Processes (GMPs) into food operations, and identification of the U.S. Regulatory Agencies that enforce food safety standards. (unique) (voc)
9. **Plant Science 32 Introduction to Hazard Analysis and Critical Control Points, 1 unit, 1 lecture hour. Corequisites: Plant Science 31 and 33. Advisories: English 125 and 126.** Introduction to Hazard Analysis and Critical Control Points as a systematic and scientifically based approach to food safety through the identification, monitoring and corrective control of critical hazards in food production facilities. (unique) (voc)
10. **Plant Science 33 Verification and Validation of HACCP Systems, 1 unit, 1 lecture hour. Corequisites: Plant Science 31 and 32. Advisories: English 125 and 126.** Introduction to the verification and validation processes necessary to prove that a food safety management system is scientifically valid by gathering evidence to assure that safe food products will be produced once the food safety management system is implemented. (unique) (voc)
11. **Plant Science 34 Internal Auditing of Food Safety Management, 3 units, 2 lecture hours, 3 lab hours. Prerequisites: Plant Science 31, 32, and 33. Advisories: English 125 and 126.** An introduction to the knowledge and skills necessary to conduct an effective internal audit of food safety management systems to evaluate regulatory compliance, detect deficiencies, and implement corrective and preventative actions. (unique) (voc)

12. **Speech Language Pathology Assistant 1 Introduction to Communication Disorders, 3 units, 3 lecture hours. Advisories: Eligibility for English 1A. Stand Alone Course.** This course is designed to address speech and language disorders in children and adults. Topics include speech, hearing, and language disorders, trends in legislation and education, and a review of available community resources. The course provides information to the student exploring a career related to speech and language therapy. (unique) (voc)
13. **Speech Language Pathology Assistant 2 Speech, Language and Hearing Development, 3 units, 3 lecture hours. Eligibility for English 1A. Stand Alone Course.** This course is the study of speech, language and hearing development across the normal human life span. It includes genetic, cultural, and social aspects of communication development. Theories of language acquisition are discussed. Phonological, morphological, syntactic, semantic and pragmatic development will be considered and language sample analysis with typically developing children is practiced. (unique) (voc)

#### **NON DEGREE APPLICABLE, NON TRANSFERABLE**

1. **Mathematics 211 Pre-Statistics, 5 units, 5 lecture hours, pass/no pass. Prerequisites: Mathematics 250 or 252. Advisories: English 125 or 130 and English 126 or 128.** Pre-statistics, a non-STEM course, covers core algebra skills needed to understand the concepts, formulas, and graphs used in transfer-level statistics. Pre-statistics integrates numeracy, proportional reasoning, algebraic reasoning, and functions. This course develops conceptual and procedural tools that support the use of key mathematical concepts in statistics in a variety of contexts. This course is NOT intended for math, science, computer science, business, or engineering majors. (unique)
2. **Mathematics 252 College Arithmetic and Prealgebra, 5 units, 5 lecture hours, pass/no pass.** This course covers arithmetic and key concepts in elementary algebra which are typically difficult for elementary algebra students. Topics include arithmetic operations on integers, fractions and decimals, application of order of operations to simplifying arithmetic and algebraic expressions, solving linear equations, graphing linear equations, and applications. (unique)

**PROPOSED PROGRAM DELETIONS  
EFFECTIVE FALL 2017**

Approved and Recommended by the Curriculum Committee

**To ECPC November 18, 2016**

**Diesel Engines, Transmissions, Electrical & Hydraulic Systems (voc)**  
*Certificate*

**PROPOSED PROGRAM MODIFICATIONS  
EFFECTIVE FALL 2017**

Approved and Recommended by the Curriculum Committee

**To ECPC November 18, 2016**

- 1. Agriculture Business**  
*Associate in Science for Transfer Degree*  
**Courses added, existing**  
Plant Science 2L Soils Laboratory
  
- 2. Agriculture Plant Science**  
*Associate in Science for Transfer Degree*  
**Courses added, existing**  
Plant Science 9 Biometrics  
Plant Science 18 Introduction to Enology  
**Courses added, modified**  
Agriculture Business 2 Agricultural Economics  
Agriculture Business 3 Agriculture Accounting
  
- 3. Business Administration, Entrepreneur**  
*Associate in Science Degree*  
**Courses added, new**  
Business Administration 61 Field Studies in Business
  
- 4. Business Administration: General Business**  
*Associate in Science Degree*  
**Courses added, new**  
Business Administration 61 Field Studies in Business
  
- 5. Business Administration: Management**  
*Associate in Science Degree*  
**Courses added, new**  
Business Administration 61 Field Studies in Business
  
- 6. Pest Control Advisor**  
*Certificate of Achievement*  
**Courses deleted from program**  
Animal Science 6 Livestock Selection and Evaluation  
Animal Science 10 Meat Evaluation and Processing  
Anthropology 1 Biological Anthropology  
Astronomy 10 Introduction to Astronomy  
Biology 5 Human Biology  
Biology 20 Human Anatomy

Biology 22 Huma Physiology  
Geography 5 Physical Geography: Environmental Conditions  
Geography 9 Physical Geography: Land Formation  
Geology 1 Physical Geology  
Geology 2 Historical Geology  
Geology 9 Introduction to Earth Science  
Geology 10 Rocks, Fossils, and Minerals  
Natural Resources 109 Forestry Field Studies I  
Natural Resources 110 Forestry Field Studies II  
Physics 2A General Physics I  
Physics 2B General Physics II  
Physics 4A Physics for Scientists and Engineers  
Physics 4B Physics for Scientists and Engineers  
Physics 4C Physics for Scientists and Engineers  
Plant Science 11 Machinery Technology

**7. Plant Protection Intern**

*Certificate of Achievement*

**Courses deleted from program**

Animal Science 6 Livestock Selection and Evaluation  
Animal Science 10 Meat Evaluation and Processing  
Anthropology 1 Biological Anthropology  
Astronomy 10 Introduction to Astronomy  
Biology 5 Human Biology  
Biology 20 Human Anatomy  
Biology 22 Huma Physiology  
Geography 5 Physical Geography: Environmental Conditions  
Geography 9 Physical Geography: Land Formation  
Geology 1 Physical Geology  
Geology 2 Historical Geology  
Geology 9 Introduction to Earth Science  
Geology 10 Rocks, Fossils, and Minerals  
Natural Resources 109 Forestry Field Studies I  
Natural Resources 110 Forestry Field Studies II  
Physics 2A General Physics I  
Physics 2B General Physics II  
Physics 4A Physics for Scientists and Engineers  
Physics 4B Physics for Scientists and Engineers  
Physics 4C Physics for Scientists and Engineers  
Plant Science 11 Machinery Technology

**NEW PROGRAM PROPOSALS  
EFFECTIVE**

Approved and Recommended by the Curriculum Committee

**To ECPC November 18, 2016**

**1. Agriculture Education**

*Associate in Science Degree*

**Courses added, new**

Agriculture Education 50 Agriculture Education Orientation

**Courses added, existing**

Agriculture Business 1 Introduction to Agriculture Business

Agriculture Business 2 Agricultural Economics

Agriculture Business 3 Agriculture Accounting

Agriculture Business 4 Computer Applications in Agriculture

Agriculture Business 5 Ag Sales and Communications

Agriculture Business 8 Agriculture and Natural Resources Ambassadors

Environmental Horticulture 30 Principles of Environmental Horticulture

Plant Science 1 Introduction to Plant Science

Plant Science 2 Soils

Plant Science 2L Soils Laboratory

Plant Science 3 General Viticulture

Plant Science 4A Tree and Vine Management

Plant Science 8 Vegetable Production

**Courses added, modified**

Animal Science 1 Introduction to Animal Science

Animal Science 2 Beef Production

Animal Science 3 Small Ruminant Production

Animal Science 4 Swine Production

Animal Science 6 Livestock Selection and Evaluation

Animal Science 40 Livestock Exhibition and Marketing

Natural Resources 1 Introduction to Forestry

Mechanized Agriculture 40 Introduction to Agricultural Mechanics

Mechanized Agriculture 41 Introduction to Agricultural Welding

Mechanized Agriculture 42 Small Gasoline and Diesel Engines

Mechanized Agriculture 43 Electrical and Hydraulic Fundamentals

Mechanized Agriculture 44 Agriculture Welding Fabrication

Natural Resources 4 Forest Ecosystems

Natural Resources 7 Conservation of Natural Resources

Natural Resources 12 Watershed Ecology

Natural Resources 20 Forest Measurements

**2. Enology**

*Associate in Science Degree*

**Courses added, existing**

Chemistry 3A Introductory General Chemistry  
Chemistry 3B Introductory Organic and Biological Chemistry  
Biology 31 Microbiology  
Mathematics 11 Elementary Statistics  
Plant Science 1 Introduction to Plant Science  
Plant Science 1L Introduction to Plant Science Laboratory  
Plant Science 2 Soils  
Plant Science 2L Soils Laboratory  
Plant Science 3 General Viticulture  
Plant Science 4A Tree and Vine Management  
Plant Science 5 Principles of Irrigation Management  
Plant Science 7 Integrated Pest Management  
Plant Science 9 Biometrics  
Plant Science 11 Machinery Technology  
Plant Science 14 Plant Nutrition  
Plant Science 18 Introduction to Enology  
Statistics 7 Elementary Statistics

**Courses existing, modified**

Plant Science 16 Wine Sensory Analysis and Evaluation

**Courses added, new**

Plant Science 21 Fermentation Science

**3. Enology**

*Certificate of Achievement*

**Courses added, existing**

Chemistry 3A Introductory General Chemistry  
Biology 31 Microbiology  
Mathematics 11 Elementary Statistics  
Plant Science 1 Introduction to Plant Science  
Plant Science 1L Introduction to Plant Science Laboratory  
Plant Science 2 Soils  
Plant Science 2L Soils Laboratory  
Plant Science 3 General Viticulture  
Plant Science 4A Tree and Vine Management  
Plant Science 5 Principles of Irrigation Management  
Plant Science 7 Integrated Pest Management  
Plant Science 9 Biometrics  
Plant Science 11 Machinery Technology  
Plant Science 14 Plant Nutrition  
Plant Science 18 Introduction to Enology  
Statistics 7 Elementary Statistics  
Agriculture Business 1 Introduction to Agriculture Business  
Agriculture Business 2 Agricultural Economics

Agriculture Business 3 Agriculture Accounting  
Agriculture Business 4 Computer Applications in Agriculture  
Agriculture Business 5 Ag Sales and Communications

**Courses existing, modified**

Plant Science 16 Wine Sensory Analysis and Evaluation

**Courses added, new**

Plant Science 21 Fermentation Science

**4. Food Safety in Production Agriculture**

*Certificate of Achievement*

**Courses added, existing**

Agriculture Business 1 Introduction to Agriculture Business  
Agriculture Business 2 Agricultural Economics  
Agriculture Business 3 Agriculture Accounting  
Agriculture Business 4 Computer Applications in Agriculture  
Agriculture Business 5 Ag Sales and Communications  
Animal Science 1 Introduction to Animal Science  
Animal Science 2 Beef Production  
Animal Science 10 Meat Evaluation and Processing  
Animal Science 21 Equine Science  
Animal Science 3 Sheep Production  
Plant Science 1 Introduction to Plant Science  
Plant Science 2L Soils Laboratory  
Plant Science 3 General Viticulture  
Plant Science 4A Tree and Vine Management  
Plant Science 5 Principles of Irrigation Management  
Plant Science 6 Pesticides  
Plant Science 7 Integrated Pest Management  
Plant Science 11 Machinery Technology  
Plant Science 14 Plant Nutrition  
Plant Science 18 Introduction to Enology

**Courses added, new**

Plant Science 31 Prerequisite Programs for Food Safety 1  
Plant Science 32 Introduction to Hazard Analysis and Critical Control Points 1  
Plant Science 33 Verification and Validation of HACCP Systems 1  
Plant Science 34 Internal Auditing of Food Safety Management 3

**PROPOSED DISTANCE EDUCATION**

Approved and Recommended by the Curriculum Committee

**To ECPC November 18, 2016**

**EFFECTIVE SPRING 2017**

*Hybrid*

1. Agriculture 9 Introduction to Agriculture Business (voc)
2. Developmental Services 240 Transition to College for Students with Disabilities

**EFFECTIVE Fall 2017**

*Internet with 0%-99% on-campus meetings*

English 47 Shakespeare



# **Clovis Community College**

Office of Instruction

To ECPC November 18, 2016

## **PROPOSED DISTANCE EDUCATION**

Effective Fall 2016

Approved and Recommended by the Curriculum Committee

- 1. 100% Internet, new**
  - a. English 1A, Reading and Composition
  - b. English 3, Critical Reading and Writing
  
- 2. Open Option/Hybrid – Internet with 1%-99% on-campus meetings, new**
  - a. English 1A, Reading and Composition (50% online, 50% face-to-face)
  - b. Mathematics 11, Elementary Statistics (85.5% online, 14.5% face-to-face)  
[correction]

**PROPOSED COURSE REVISIONS**

Effective Spring 2017

Approved and Recommended by the Curriculum Committee

**CREDIT, DEGREE APPLICABLE, TRANSFERABLE**

1. **Biology 10, Introduction to Life Science Lecture, 3 units, 3 weekly lecture hours. Advisories: Eligibility for English 1A.**  
Revised student learning outcomes and objectives to align with Biology 3. (In lieu RC BIOL-10)
3. **Biology 10L, Introduction to Life Science Lab, 1 unit, 3 weekly lab hours. Co-requisite: Biology 10 Advisories: Eligibility for English 1A.**  
Revised student learning outcomes and objectives to align with Biology 3. (In lieu RC BIOL-10L)
4. **Child Development 1, Principles and Practices of Teaching Young Children, 3 units, 3 weekly lecture hours. Advisories: Eligibility for English 125 and English 126.**  
Revised student learning outcomes as required by law and mandated by the Curriculum Alignment Program. (voc) (In lieu FCC and RC CHDEV-1)
5. **Child Development 3, Introduction to Curriculum, 3 units, 3 weekly lecture hours and 1 weekly lab hour. Prerequisites: Verification of immunization against influenza, pertussis, and measles, and freedom from tuberculosis. Advisories: Eligibility for English 125 and English 126.**  
Revised student learning outcomes as required by law and mandated by the Curriculum Alignment Program. (voc) (In lieu FCC and RC CHDEV-3)
6. **Child Development 6, Health, Safety, and Nutrition in Early Childhood Education, 3 units, 3 weekly lecture hours. Advisories: Eligibility for English 125 and English 126.**  
Revised student learning outcomes as required by law and mandated by the Curriculum Alignment Program. (voc) (In lieu FCC and RC CHDEV-6)
7. **Child Development 15, Diversity and Culture in Early Care Education Programs, 3 units, 3 weekly lecture hours. Advisories: Eligibility for English 125 and English 126.**  
Revised student learning outcomes as required by law and mandated by the Curriculum Alignment Program. (voc) (In lieu FCC and RC CHDEV-15)
8. **Child Development 20, Observation and Assessment, 3 units, 3 weekly lecture hours. Prerequisites: Child Development 1, 3, and 39. Verification of immunization against influenza, pertussis, and measles, and freedom from tuberculosis. Advisories: Eligibility for English 125 and English 126.**

To ECPC November 18, 2016

Revised student learning outcomes as required by law and mandated by the Curriculum Alignment Program. (voc) (In lieu FCC and RC CHDEV-20)

**PROPOSED COURSE REVISIONS**

Effective Spring 2017

Approved and Recommended by the Curriculum Committee

**9. Child Development 30, Child, Family, and Community, 3 units, 3 weekly lecture hours. Advisories: Eligibility for English 125 and English 126.**

Revised student learning outcomes as required by law and mandated by the Curriculum Alignment Program. (voc) (In lieu FCC and RC CHDEV-30)

**10. Child Development 37A, Early Childhood Practicum, 3 units, 2 weekly lecture hours and 3 weekly lab hours. Prerequisites: Child Development 1, 3, 20, and 39. Verification of immunization against influenza, pertussis, and measles, and freedom from tuberculosis. Advisories: Eligibility for English 1A.**

Revised student learning outcomes as required by law and mandated by the Curriculum Alignment Program. (voc) (In lieu FCC and RC CHDEV-37A)

**11. Child Development 39, Child Growth and Development, 3 units, 3 weekly lecture hours. Advisories: Eligibility for English 125 and English 126.**

Revised student learning outcomes as required by law and mandated by the Curriculum Alignment Program. (voc) (In lieu FCC and RC CHDEV-39)

**12. Information Systems 15, Computer Concepts, 3 units, 3 weekly lecture hours and 1 weekly lab hour. Advisories: Eligibility for English 126 and Math 201.**

Revised objectives and updated textbooks for C-ID. (voc) (In lieu RC IS-15)

**13. Mathematics 201P, Simplifying and Factoring in Elementary Algebra, 0.5 unit, 0.5 weekly lecture hours. Prerequisites: A deficiency on the math placement test with simplifying and factoring algebraic expressions in Elementary Algebra.**

Changed course title to "Review of Topics before Algebra," increased unit value from 0.5 to 1.0, and weekly lecture hours from 0.5 to 1.0; changed grading basis from "pass/no pass option" to "Pass/no pass only;" changed prerequisite to "Math 250 or placement by college process that would qualify the student to place out of Math 250;" added co-requisite of Math 201; revised student learning outcomes, objectives, lecture content, and methods of evaluation/grading.

To ECPC November 18, 2016

**PROPOSED PROGRAM MODIFICATIONS**

Effective Spring 2017

Approved and Recommended by the Curriculum Committee

**1. CHILD DEVELOPMENT**

*Certificate In Child Care for School-Age Children/Associate Teacher*

**Courses, revised**

Child Development 30, Child, Family, and Community  
Child Development 39, Child Growth and Development

**2. CHILD DEVELOPMENT**

*Associate Teacher Certificate of Achievement*

**Courses, revised**

Child Development 1, Principles and Practices of Teaching Young Children  
Child Development 3, Introduction to Curriculum  
Child Development 30, Child, Family, and Community  
Child Development 39, Child Growth and Development

**3. CHILD DEVELOPMENT**

*Child Care for School-Age Children/Teacher Certificate of Achievement*

**Courses, revised**

Child Development 1, Principles and Practices of Teaching Young Children  
Child Development 3, Introduction to Curriculum  
Child Development 6, Health, Safety, and Nutrition in Early Childhood Education  
Child Development 15, Diversity and Culture in Early Care and Education Programs  
Child Development 30, Child, Family, and Community  
Child Development 39, Child Growth and Development

**4. CHILD DEVELOPMENT**

*Child Development Certificate of Achievement*

**Courses, revised**

Child Development 1, Principles and Practices of Teaching Young Children  
Child Development 3, Introduction to Curriculum  
Child Development 6, Health, Safety, and Nutrition in Early Childhood Education  
Child Development 15, Diversity and Culture in Early Care and Education Programs  
Child Development 20, Observation and Assessment  
Child Development 30, Child, Family, and Community  
Child Development 37A, Early Childhood Practicum  
Child Development 39, Child Growth and Development

**5. CHILD DEVELOPMENT**

*Early Intervention Assistant Certificate of Achievement*

**Courses, revised**

Child Development 3, Introduction to Curriculum  
Child Development 6, Health, Safety, and Nutrition in Early Childhood Education  
Child Development 15, Diversity and Culture in Early Care and Education Programs  
Child Development 20, Observation and Assessment  
Child Development 30, Child, Family, and Community



# Clovis Community College

Office of Instruction

To ECPC November 18, 2016

Child Development 39, Child Growth and Development

## PROPOSED PROGRAM MODIFICATIONS

Effective Spring 2017

Approved and Recommended by the Curriculum Committee

### 6. CHILD DEVELOPMENT

*Associate in Science Degree in Child Development*

#### **Courses, revised**

Child Development 1, Principles and Practices of Teaching Young Children

Child Development 3, Introduction to Curriculum

Child Development 6, Health, Safety, and Nutrition in Early Childhood Education

Child Development 15, Diversity and Culture in Early Care and Education Programs

Child Development 20, Observation and Assessment

Child Development 30, Child, Family, and Community

Child Development 37A, Early Childhood Practicum

Child Development 39, Child Growth and Development

### 7. CHILD DEVELOPMENT

*Associate in Science in Early Childhood Education for Transfer Degree*

#### **Courses, revised**

Child Development 1, Principles and Practices of Teaching Young Children

Child Development 3, Introduction to Curriculum

Child Development 6, Health, Safety, and Nutrition in Early Childhood Education

Child Development 15, Diversity and Culture in Early Care and Education Programs

Child Development 20, Observation and Assessment

Child Development 30, Child, Family, and Community

Child Development 37A, Early Childhood Practicum

Child Development 39, Child Growth and Development

### 8. CHILD DEVELOPMENT

*Associate in Arts in Elementary Teacher Education for Transfer Degree*

#### **Courses, revised**

Child Development 39, Child Growth and Development

### 9. LIBERAL ARTS & SCIENCES

*Associate in Arts Degree, Natural Sciences*

#### **Courses, revised**

Anthropology 1, Biological Anthropology

### 10. PSYCHOLOGY

*Associate in Arts in Psychology for Transfer Degree*

#### **Courses revised**

Child Development 39, Child Growth and Development

### 11. SOCIAL SCIENCE



# **Clovis Community College**

Office of Instruction

To ECPC November 18, 2016

*Associate in Arts Degree*

**Courses, revised**

Anthropology 1, Biological Anthropology

**PROPOSED DISTANCE EDUCATION**

**Effective Fall 2017**

Approved and Recommended by the Curriculum Committee

- 1. 100% Internet, new**
  - a. Business 30, Personal Finance

**PROPOSED NEW COURSES**

Effective Fall 2017

Approved and Recommended by the Curriculum Committee

**1. Business Administration 30, Personal Finance, 3 units, 3 weekly lecture hours. Advisories: Eligibility for English 1A and Math 201.**

This course examines the integration of personal financial management with physiological and psychological well-being, and the life-long impact financial decisions have on individuals, families, and society. Topics include time value of money; financial planning strategies; money and credit management; home ownership; home, health, and auto insurance needs; savings and investment strategies; and retirement and estate planning. (voc) (In lieu FCC and RC BA-30)

**2. English 205, Skills for Success in English, 2 units, 2 weekly lecture hours. Co-requisite: English 1A.**

This course will be taught in conjunction with English 1A College Reading and Writing. It will emphasize critical reading, expository and argumentative writing, and mastery of library research techniques. It includes instruction and practice in critical thinking, in analytical reading and evaluation of written work, and in the methods of clearly communicating and supporting ideas in organized, coherent essays.

**3. Information Systems 20, Technology in Society, 3 units, 3 weekly lecture hours and 1 weekly lab hours. Advisories: Eligibility for English 125 and English 126.**

An introduction to the nature and function of technology, and the relationship between society and technology. This class will focus on the nature and impact of technology on society, paying particular attention to computing technology and digital communication while using previous technological advances as a basis for comparison. We will consider the social, business, computer science, political, historic, economic and philosophic contexts that both shaped and have been shaped by technological change. Students will explore the emerging field of technology and will learn procedures borrowed from business, computer science, sociology, psychology, and philosophy.

**4. Interdisciplinary Studies 251, Academic Literacy, 6 units, 6 weekly lecture hours. Prerequisites: English 252 and English 262.**

This course is designed to provide intensive instruction in critical thinking, reading, and writing as will be required in English 1A and other college-level courses. Using theme based readings from a variety of academic genres, coursework will emphasize independent reading of complex academic texts, critical response to ideas and information in academic texts, and writing essays that integrate ideas and information from academic texts.

**5. Philosophy 3, Introduction to Social and Political Philosophy, 3 units, 3 weekly lecture hours. Advisories: Eligibility for English 1A.**

An introduction to and analyses of key concepts in social-political philosophy as discussed by both classical and contemporary philosophers and social-political theorists. Engagement with key arguments and concepts prepares students to develop arguments of their own on contemporary social-political issues.

To ECPC November 18, 2016

**PROPOSED COURSE MODIFICATIONS**

Effective Fall 2017

Approved and Recommended by the Curriculum Committee

1. **Art 3, Two-dimensional Design, 3 units, 2 weekly lecture hours and 4 weekly lab hours. Advisories: Eligibility for English 125 and English 126.**  
Revised catalog description, objectives, lecture/lab content, and updated textbooks to align with C-ID. (In lieu FCC and RC ART-3)
2. **Art 4, Three-dimensional Design, 3 units, 2 weekly lecture hours and 4 weekly lab hours. Advisories: Eligibility for English 125 and English 126.**  
Revised catalog description, objectives, lecture/lab content, and updated textbooks to align with C-ID. (In lieu FCC and RC ART-4)
3. **Criminology 1: Introduction to Criminology, 3 units, 3 weekly lecture hours. Advisories: Eligibility for English 125 and English 126.**  
Revised student learning outcomes, revised methods of evaluation/grading, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-1)
4. **Criminology 3: Legal Aspects of Evidence, 3 units, 3 weekly lecture hours. Advisories: Eligibility for English 125 and English 126.**  
Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-3)
5. **Criminology 4: Principles & Procedures of the Justice System, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126.**  
Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-4)
6. **Criminology 5: Community Relations, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126.**  
Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-5)
7. **Criminology 6: Criminal Law, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126.**  
Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-6)
8. **Criminology 7: Police Operations and Procedures, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126.**  
Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-7)

To ECPC November 18, 2016

**PROPOSED COURSE MODIFICATIONS**

Effective Fall 2017

Approved and Recommended by the Curriculum Committee

- 9. Criminology 8: Criminal Investigations, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126.**  
Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-8)
- 10. Criminology 10: Vice Control, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126.**  
Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu RC CRIM-10)
- 11. Criminology 11: Juvenile Delinquency, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126.**  
Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-11)
- 12. Criminology 12: Criminal Justice Communications, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126.**  
Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-12)
- 13. Criminology 13: The Constitution and Your Individual Rights, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126.**  
Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-13)
- 14. Criminology 14: Multicultural Issues within Public Safety, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126.**  
Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu RC CRIM-14)
- 15. Criminology 15: Introduction to Police Ethics, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126.**  
Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-15)
- 16. Criminology 19V: Cooperative Work Experience, Criminal Justice, 1-8 units.**  
Program Review. No changes. (voc) (In lieu RC CRIM-19V)
- 17. Criminology 20: Introduction to Corrections, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126.**

To ECPC November 18, 2016

Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In

**PROPOSED COURSE MODIFICATIONS**

Effective Fall 2017

Approved and Recommended by the Curriculum Committee

lieu FCC and RC CRIM-20)

**18. Criminology -23: Correctional Interviewing and Counseling, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126.**

Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-23)

**19. Criminology 24: Control and Supervision in Corrections, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126.**

Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-24)

**20. Criminology 28: Probation and Parole, 3 units, 3 weekly lecture hours. Advisories: English 125 and English 126.**

Revised student learning outcomes, and updated textbooks (Program Review). (voc) (In lieu FCC and RC CRIM-28)

**21. English 262, Reading Improvement, 4 units, 3 weekly lecture hours and 2 weekly lab hours.****Prerequisites: English 260 or English as a Second Language 266R or placement by college assessment process.**

Revised prerequisite to placement by college assessment process (deleted prerequisites of English 260 or English as a Second Language 266R). Revised weekly lecture hours from 3 to 4 and deleted lab hours for hours-to-units compliance. (In lieu FCC and RC ENGL-262)

**22. Information Systems 10, Keyboarding, 1 unit, 0.67 weekly lecture hours, 0.67 weekly lab hours. Advisories: Eligibility for English 126.**

Revised weekly lecture hours from 0.67 to 0.80 for hours-to-units compliance and updated textbooks. (voc) (In lieu RC IS-10)

**23. Information Systems 13, Database Essentials, 1.5 units, 1 weekly lecture hour, 1 weekly lab hour.**

Revised weekly lecture hours from 1.0 to 1.2 for hours-to-units compliance and updated textbooks. (voc) (In lieu RC IS-13)

**24. Information Systems 31, Introduction to Programming, 3 units, 3 weekly lecture hours, 1 weekly lab hour. Prerequisites: Information Systems 15. Advisories: Mathematics 201.**

Revised outcomes, objectives, lecture/lab content, and updated textbooks. (voc) (In lieu RC IS-31)

To ECPC November 18, 2016

- 25. Information Systems 60, Operating Systems, 2 units, 1 weekly lecture hour, 2 weekly lab hours. Advisories: English 126 and Mathematics 201.**  
Revised weekly lecture hours from 1.0 to 1.5 and weekly lab hours from 2.0 to 1.5 for hours-to-units compliance and updated textbooks. (voc) (In lieu RC IS-60)
- 26. Information Systems 61, Computer Building and Configuration, 1.5 units, 1 weekly lecture hour, 1 weekly lab hour. Advisories: English 126 and Mathematics 201.**  
Revised weekly lecture hours from 1.0 to 1.2 for hours-to-units compliance. (voc) (In lieu RC IS-61)
- 27. Information Systems 62, Computer Troubleshooting and Maintenance, 2.5 units, 2 weekly lecture hours, 2 weekly lab hour. Advisories: Eligibility for English 126 and Eligibility for Mathematics 201.**  
Changed course title to “Computer & Communication Essentials – Troubleshooting and Maintenance;” increased unit value from 2.5 to 4.0; increased weekly lecture hours from 2.0 to 3.5; revised objectives, lecture/lab content, and updated textbooks. (voc) (In lieu RC IS-62)
- 28. Information Systems 63, Computer Networking I, 3 units, 2 weekly lecture hours, 2 weekly lab hours. Prerequisites: Information Systems 15. Advisories: English 126 and Mathematics 201.**  
Changed course title to “Computer Networking Fundamentals;” increased weekly lecture hours from 2.0 to 3.0 and decreased weekly lab hours from 2.0 to 1.0 for hours-to-units compliance; revised objectives, lecture/lab content, and updated textbooks.(voc) (In lieu RC IS-63)
- 29. Information Systems 64, Computer Networking II, 3 units, 2 weekly lecture hours, 2 weekly lab hours. Prerequisites: Information Systems 63. Advisories: English 125, English 126, and Mathematics 201.**  
Increased weekly lecture hours from 2.0 to 3.0 and decreased weekly lab hours from 2.0 to 1.0 for hours-to-units compliance; revised objectives, lecture/lab content, and updated textbooks. (voc) (In lieu RC IS-64)
- 30. Sociology 1B, Critical Thinking about Social Problems, 3 units, 3 weekly lecture hours. Advisories: Sociology 1A and English 1A.**  
Revised student learning outcomes, objectives, and lecture content. (In lieu FCC and RC SOC-1B)
- 31. Spanish 1, Beginning Spanish, 4 units, 4 weekly lecture hours, 1 weekly lab hour, Advisories: Eligibility for English 125 and 126.**  
Increased units to 5; increased lecture hours to 5 and deleted lab hours; revised lecture content and deleted lab content; revised methods of delivery to include hybrid option, special facilities to include access to computers, and textbooks. (In-lieu FCC’s and RC’s SPAN-1)
- 32. Spanish 2, High-Beginning Spanish, 4 units, 4 weekly lecture hours, 1 weekly lab hour. Advisories: Eligibility for English 125 and 126. Prerequisites Spanish 1 or 2**

To ECPC November 18, 2016

**years of high school Spanish, or the equivalent skill level as determined by instructor.**

Increased units to 5; increased lecture hours to 5 and deleted lab hours; revised lecture content and deleted lab content; revised methods of delivery to include hybrid option, special facilities to include access to computers, and textbooks. (In-lieu FCC's and RC's

## PROPOSED COURSE MODIFICATIONS

Effective Fall 2017

Approved and Recommended by the Curriculum Committee

SPAN-2)

- 33. Spanish 3, Intermediate Spanish, 4 units, 4 weekly lecture hours, 1 weekly lab hour. Advisories: Eligibility for English 125 and 126. Prerequisites Spanish 2 or 3 years of high school Spanish, or the equivalent skill level as determined by instructor.**

Increased units to 5; increased lecture hours to 5 and deleted lab hours; deleted lab content; revised methods of delivery to include hybrid option, special facilities to include access to computers, and textbooks. (In-lieu FCC's and RC's SPAN-3)

- 34. Spanish 4, High-Intermediate Spanish, 4 units, 4 weekly lecture hours, 1 weekly lab hour. Advisories: Eligibility for English 125 and 126. Prerequisites Spanish 3 or 4 years of high school Spanish, or the equivalent skill level as determined by instructor.**

Increased units to 5; increased lecture hours to 5 and deleted lab hours; revised lecture content and deleted lab content; revised methods of delivery to include hybrid option, and special facilities to include access to computers. (In-lieu FCC's and RC's SPAN-4)

**PROPOSED NEW PROGRAMS**

Effective Fall 2017

Approved and Recommended by the Curriculum Committee

1. **AGRICULTURAL BUSINESS AND RELATED SERVICES**

*Food Safety and Quality Technician Certificate of Achievement*

**Courses added, existing**

Counseling 47, Learning Strategies

Food Safety and Processing 130, Introduction to Food Safety

Food Safety and Processing 131, Agricultural Practices for Food Safety

Food Safety and Processing 132, Food Safety Management

Food Safety and Processing 133, Facility Management for Food Safety

Food Safety and Processing 134, Environmental Effects on Food Borne Pathogens

Food Safety and Processing 135, Introduction to Food Microbiology

Food Safety and Processing 158, Agriculture Laws & Regulations

2. **SPANISH**

*Associate in Arts Degree for Transfer Degree*

**Courses added, existing**

Anthropology 2, Cultural Anthropology

Communication 10, Intercultural Communication

English 49, Latino & Chicano Literature

History 32, History of the Mexican American People

French 1, Beginning French

French 2, High-Beginning French

French 3, Intermediate French

French 4, High-Intermediate French

Spanish 1, Beginning Spanish

Spanish 2, High-Beginning Spanish

Spanish 3, Intermediate Spanish

Spanish 3NS, Spanish for Spanish Speakers

Spanish 4, High-Intermediate Spanish

Spanish 4NS, Spanish for Spanish Speakers

Sociology 2, American Minority Groups

Spanish 15, Practical Spanish Conversation, Low-Intermediate Level

Spanish 16, Practical Spanish Conversation, High-Intermediate Level

To ECPC November 18, 2016

**PROPOSED PROGRAM MODIFICATIONS**

Effective Fall 2017

Approved and Recommended by the Curriculum Committee

**1. ART***Associate in Arts in Art – Two-Dimensional Degree***Courses revised**

Art 3, Two-Dimensional Design

**2. ART***Associate in Arts in Studio Arts for Transfer Degree***Courses revised**

Art 3, Two-Dimensional Design

Art 4, Three-Dimensional Design

**3. BIOLOGICAL SCIENCES***Associate in Science Degree***Revised degree title from “Associate in Science in Biological Science Degree”  
to “Associate in Science in Life Science Degree.”****Courses added, existing**

Biology 10, Introduction to Life Science Lecture

Biology 10L, Introduction to Life Science Lab

**4. BUSINESS ADMINISTRATION***Certificate In Business Intern***Courses revised**

Information Systems 15, Computer Concepts

**5. BUSINESS ADMINISTRATION***Certificate In Entry Level Management***Courses revised**

Information Systems 15, Computer Concepts

**6. BUSINESS ADMINISTRATION***Business Intern Certificate of Achievement***Courses revised**

Information Systems 10, Keyboarding

Information Systems 15, Computer Concepts

**7. BUSINESS ADMINISTRATION***Managerial Assistant Certificate of Achievement***Courses revised**

Information Systems 15, Computer Concepts

**8. BUSINESS ADMINISTRATION***Small Business Management Certificate of Achievement*



# Clovis Community College

Office of Instruction

To ECPC November 18, 2016

## **Courses revised**

Information Systems 15, Computer Concepts

### PROPOSED PROGRAM MODIFICATIONS

Effective Fall 2017

Approved and Recommended by the Curriculum Committee

#### **9. BUSINESS ADMINISTRATION**

*Associate in Science Degree in Business Administration, Accounting Option*

##### **Courses revised**

Information Systems 15, Computer Concepts

#### **10. BUSINESS ADMINISTRATION**

*Associate in Science Degree in Business Administration, Entrepreneurship Option*

##### **Courses revised**

Information Systems 15, Computer Concepts

#### **11. BUSINESS ADMINISTRATION**

*Associate in Science Degree in Business Administration, General Business Option*

##### **Courses revised**

Information Systems 15, Computer Concepts

Information Systems 60, Operating Systems

Information Systems 62, Computer Troubleshooting and Maintenance

#### **12. BUSINESS ADMINISTRATION**

*Associate in Science Degree in Business Administration, Information Systems Management Option*

##### **Courses revised**

Information Systems 15, Computer Concepts

Information Systems 60, Operating Systems

Information Systems 62, Computer Troubleshooting and Maintenance

#### **13. BUSINESS ADMINISTRATION**

*Associate in Science Degree in Management*

##### **Courses revised**

Information Systems 15, Computer Concepts

#### **14. BUSINESS ADMINISTRATION**

*Associate in Science Degree in Small Business Management*

##### **Courses revised**

Information Systems 15, Computer Concepts

#### **15. BUSINESS ADMINISTRATION**

*Associate in Science in Business Administration for Transfer Degree*

##### **Courses revised**

Information Systems 15, Computer Concepts

**PROPOSED PROGRAM MODIFICATIONS**

Effective Fall 2017

Approved and Recommended by the Curriculum Committee

**16. COMMUNICATION STUDIES**

*Associate in Arts for Transfer Degree*

**Courses added, existing**

Anthropology 2, Cultural Anthropology

Psychology 2, General Psychology

Psychology 2H, Honors General Psychology

Sociology 1A, Introduction to Sociology

**17. COMPUTER SCIENCE**

*Associate in Science Degree*

**Courses added, existing**

Computer Science 45, Computer Organization and Assembly Language  
Programming

**18. CRIMINOLOGY**

*Criminology – Corrections Certificate of Achievement*

**Courses revised**

Criminology 1, Introduction to Criminology

Criminology 3, Legal Aspects of Evidence

Criminology 6, Criminal Law

Criminology 12, Criminal Justice Communications

Criminology 15, Introduction to Police Ethics

Criminology 20, Introduction to Corrections

Criminology 23, Correctional Interviewing and Counseling

Criminology 24, Control and Supervision in Corrections

**19. CRIMINOLOGY**

*Criminology – Law Enforcement Certificate of Achievement*

**Courses revised**

Criminology 1, Introduction to Criminology

Criminology 3, Legal Aspects of Evidence

Criminology 6, Criminal Law

Criminology 7, Police Operations and Procedures

Criminology 8, Criminal Investigations

Criminology 12, Criminal Justice Communications

Criminology 13, The Constitution and Your Individual Rights

Criminology 15, Introduction to Police Ethics

## PROPOSED PROGRAM MODIFICATIONS

Effective Fall 2017

Approved and Recommended by the Curriculum Committee

### 20. CRIMINOLOGY

*Associate in Science in Criminology – Corrections Degree*

#### **Courses revised**

Criminology 1, Introduction to Criminology  
Criminology 3, Legal Aspects of Evidence  
Criminology 4, Principles and Procedures of the Justice System  
Criminology 6, Criminal Law  
Criminology 8, Criminal Investigations  
Criminology 12, Criminal Justice Communications  
Criminology 13, The Constitution and Your Individual Rights  
Criminology 14, Multicultural Issues within Public Safety  
Criminology 15, Introduction to Police Ethics  
Criminology 19V, Cooperative Work Experience, Criminal Justice  
Criminology 20, Introduction to Corrections  
Criminology 23, Correctional Interviewing and Counseling  
Criminology 24, Control and Supervision in Corrections  
Criminology 28, Probation and Parole

### 21. CRIMINOLOGY

*Associate in Science in Criminology – Law Enforcement Degree*

#### **Courses revised**

Criminology 1, Introduction to Criminology  
Criminology 3, Legal Aspects of Evidence  
Criminology 4, Principles and Procedures of the Justice System  
Criminology 5, Community Relations  
Criminology 6, Criminal Law  
Criminology 7, Police Operations and Procedures  
Criminology 8, Criminal Investigations  
Criminology 10, Vice Control  
Criminology 12, Criminal Justice Communications  
Criminology 13, The Constitution and Your Individual Rights  
Criminology 14, Multicultural Issues within Public Safety  
Criminology 15, Introduction to Police Ethics  
Criminology 19V, Cooperative Work Experience, Criminal Justice

### 22. ENGLISH

*Associate in Arts in English for Transfer Degree*

#### **Courses revised**

Spanish 1, Beginning Spanish  
Spanish 2, High-Beginning Spanish  
Spanish 3, Intermediate Spanish  
Spanish 4, High-Intermediate Spanish



# Clovis Community College

Office of Instruction

To ECPC November 18, 2016

## PROPOSED PROGRAM MODIFICATIONS

Effective Fall 2017

Approved and Recommended by the Curriculum Committee

### 23. FOREIGN LANGUAGE

*Associate in Arts Degree*

#### **Courses revised**

Spanish 1, Beginning Spanish  
Spanish 2, High-Beginning Spanish  
Spanish 3, Intermediate Spanish  
Spanish 4, High-Intermediate Spanish

### 24. HISTORY

*Associate in Arts in History for Transfer Degree*

#### **Courses revised**

Spanish 1, Beginning Spanish  
Spanish 2, High-Beginning Spanish  
Spanish 3, Intermediate Spanish  
Spanish 4, High-Intermediate Spanish

### 25. INFORMATION SYSTEMS

*Information Technician Support Certificate of Achievement*

#### **Courses revised**

Information Systems 15, Computer Concepts  
Information Systems 60, Operating Systems  
Information Systems 62, Computer Troubleshooting and Maintenance  
Information Systems 63, Computer Networking I

### 26. INFORMATION SYSTEMS

*Information Technology Support Technician Certificate of Achievement*

#### **Courses revised**

Information Systems 15, Computer Concepts  
Information Systems 60, Operating Systems  
Information Systems 61, Computer Building and Configuration  
Information Systems 62, Computer Troubleshooting and Maintenance  
Information Systems 63, Computer Networking I

### 27. INFORMATION SYSTEMS

*Information Systems Certificate of Achievement*

#### **Courses revised**

Information Systems 13, Database Essentials  
Information Systems 15, Computer Concepts  
Information Systems 60, Operating Systems

To ECPC November 18, 2016

## PROPOSED PROGRAM MODIFICATIONS

Effective Fall 2017

Approved and Recommended by the Curriculum Committee

### 28. INFORMATION SYSTEMS

*Networking Certificate of Achievement*

#### **Courses revised**

Information Systems 15, Computer Concepts

Information Systems 60, Operating Systems

Information Systems 62, Computer Troubleshooting and Maintenance

Information Systems 63, Computer Networking I

Information Systems 64, Computer Networking II

### 29. INFORMATION SYSTEMS

*Programming for the Web Certificate of Achievement*

#### **Courses revised**

Information Systems 15, Computer Concepts

Information Systems 31, Introduction to Programming

Information Systems 60, Operating Systems

### 30. INFORMATION SYSTEMS

*Associate in Science Degree in Information Systems, Networking Option*

#### **Courses revised**

Information Systems 15, Computer Concepts

Information Systems 60, Operating Systems

Information Systems 62, Computer Troubleshooting and Maintenance

Information Systems 63, Computer Networking I

Information Systems 64, Computer Networking II

### 31. INFORMATION SYSTEMS

*Associate in Science Degree in Information Systems, Programming for the Web Option*

#### **Courses revised**

Information Systems 15, Computer Concepts

Information Systems 31, Introduction to Programming

Information Systems 60, Operating Systems

### 32. INFORMATION SYSTEMS

*Associate in Science Degree in Information Systems, Help Desk*

#### **Courses revised**

Information Systems 15, Computer Concepts

Information Systems 60, Operating Systems

Information Systems 62, Computer Troubleshooting and Maintenance

Information Systems 63, Computer Networking I

## PROPOSED PROGRAM MODIFICATIONS

Effective Fall 2017

Approved and Recommended by the Curriculum Committee

### 33. INFORMATION SYSTEMS

*Associate in Science Degree in Information Systems, Web Design Option*

#### **Courses revised**

Information Systems 13, Database Essentials

Information Systems 15, Computer Concepts

Information Systems 60, Operating Systems

### 34. LIBERAL STUDIES

*Associate in Arts Degree*

#### **Courses revised**

Information Systems 15, Computer Concepts

### 35. PHILOSOPHY

*Associate in Arts in Philosophy for Transfer Degree*

#### **Courses revised**

Spanish 1, Beginning Spanish

Spanish 2, High-Beginning Spanish

Spanish 3, Intermediate Spanish

Spanish 4, High-Intermediate Spanish

### 36. SOCIAL SCIENCE

*Associate in Arts Degree*

#### **Courses revised**

Sociology 1B, Critical Thinking about Social Problems

### 37. SOCIOLOGY

*Associate in Arts in Sociology for Transfer Degree*

#### **Courses revised**

Sociology 1B, Critical Thinking about Social Problems

**PROPOSED NEW COURSES**

Effective Fall 2018

Approved and Recommended by the Curriculum Committee

**1. Geography 1, Physical Geography, 3 units, 3 weekly lecture hours. Advisories: Eligibility for English 1A recommended.**

The course is a spatial study of the Earth's dynamic physical systems and processes. Topics include:

Earth-sun geometry, weather, climate, water, landforms, soil, and the biosphere. Emphasis is on the interrelationships among environmental and human systems and the processes and their resulting patterns and distributions. Tools of geographic inquiry are also briefly covered; they include: maps, remote sensing, Geographic Information Systems (GIS) and Global Positioning Systems (GPS) (In lieu FCC GEOG-1)

**2. Geography 2, Cultural Geography, 3 units, 3 weekly lecture hours. Advisories: Eligibility for English 1A recommended.**

This course is the study of diverse human populations, their cultural origins, diffusion, and contemporary spatial expressions. Topics include: demography, languages, and religions, urbanization and landscape modification, political units nationalism, and economic systems and development. (In lieu FCC GEOG-2)

**3. Geography 10, Introduction to Geographic Information Systems, 3 units, 2.5 weekly lecture hours and 2 weekly lab hours. Advisories: Eligibility for English 1A recommended.**

This is an introduction to the fundamental concepts, principles and methods of geographic information systems, focusing on the basic analysis, interpretation, display and communication of spatial information. Topics include the Identification and acquisition of GIS data, the assessment of different data types, understanding map projections and coordinate systems, and spatial analysis using GIS. (In lieu FCC and RC GEOG-10)

**4. Geography 20, California Geography, 3 units, 3 weekly lecture hours. Advisories: Eligibility for English 1A recommended.**

This course is a thematic approach to the state's issues, processes and topics relevant to geography including climate, landforms, natural vegetation, water resources, cultural landscape, ethnic diversity, urban and agricultural regions, and the economy. It explores the physical, and human landscapes that have evolved as a result of the human-environment interface. (In lieu FCC GEOG-20)