Pierce College
2012-2014 Catalog Addenda and Errata

Calendar 2012-2014

Fall 2012

REGISTRATION DATES

On-line applications accepted for
Fall 2012 semester.....10/1/2011-08/23/2012
In person applications.....08/27/2012
Continuing students online registration 05/10/2012
New student online registration 06/4/2012

GENERAL CALENDAR DATES

Day and Evening Classes Begin 08/27/2012
Saturday Classes Begin..... 09/1/2012
Last Day of Instruction 12/9/2012
Final Examinations 12/10-16/2012

HOLIDAYS-NO CLASSES

Labor Day, college closed 09/3/2012
Veteran's Day, college closed 11/12/2012
Thanksgiving, college closed 11/22-25/2012
Winter Break, college closed.....12/24/12- 01/1/13

Spring 2013

REGISTRATION DATES

On-line applications accepted for
Spring 2013 semester.....10/1/2012 -01/31/2013
In person applications.....02/4/2013
Continuing students online registration..11/29/2012
New student online registration..... 1/3/2013

GENERAL CALENDAR DATES

Day and Evening Classes Begin.....02/4/2013
Saturday Classes Begin 02/9/2013
Last Day of Instruction 05/26/2013
Final Examinations 05/28- 06/3/2013

HOLIDAYS-NO CLASSES

Martin Luther King Jr., college closed 01/21/2013
President's Birthdays, college closed 02/15-18/2013
Spring Break .....03/29 – 04/5/2013
Cesar Chavez Day, college closed 04/1/2013
Memorial Day, college closed 05/27/2013

Fall 2013

REGISTRATION DATES

On-line applications accepted for
Fall 2013 semester.....02/2/2013-08/22/2013
In person applications 08/26/2013
Continuing students online registration..05/6/2013
New student online registration..... 05/29/2013

GENERAL CALENDAR DATES

Day and Evening Classes Begin 08/26/2013
Saturday Classes Begin 08/31/2013
Last Day of Instruction 12/8/2013
Final Examinations..... .....12/9-15/2013

HOLIDAYS-NO CLASSES

Labor Day, college closed 09/2/2013
Veteran's Day, college closed..... 11/11/2013
Thanksgiving, college closed 11/28-29/2013
Winter Break, college closed 12/24/13- 01/1/14

Spring 2014

REGISTRATION DATES

On-line applications accepted for
Spring 2014 semester .....10/1/13 –1/30/14
In person applications.....02/10/2014
Continuing students online registration..11/18/2014
New student internet registration 12/9/2014

GENERAL CALENDAR DATES

Day and Evening Classes Begin 02/10/2014
Saturday Classes Begin.....02/22/2014
Last Day of Instruction..... 06/2/2014
Final Examinations 06/3-9/2014

HOLIDAYS-NO CLASSES

Martin Luther King Jr. college closed..... 01/20/2014
President's Birthdays, college closed 02/14-17/2014
Spring Break 04/7-13/2014
Cesar Chavez Day, college closed.....03/31/2014
Memorial Day, college closed..... 05/26/2014

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District Administration

~~Dr. Daniel J. LaVista, Chancellor~~
Dr. Adriana Barrera, Deputy Chancellor
Dr. Yasmin Delahoussaye, Vice Chancellor for Educational Programs and Institutional Effectiveness
Felicito Cajayon, Vice Chancellor for Economic and Workforce Development
James D. O'Reilly, Executive Director, Facilities Planning & Development
Camille A. Goulet, General Counsel
Jeanette Gordon, Chief Financial Officer/ Treasurer

Pierce College Administration

Dr. Kathleen F. Burke, President
Alma Johnson-Hawkins, Interim~~,~~ Vice President, Student Services
Anna Davies, Vice President, Academic Affairs
Rolf Schleicher, Vice President, Administrative Services
Larry Kraus, Associate Vice President, Administrative Services
Bruce Rosky, Associate Vice President, Administrative Services
Vacant, Dean, Student Services
Marco J. De La Garza, Dean, Student Services
David Follosco, Dean, Student Services
Barbara Anderson, Dean, Academic Affairs
Jose Luis Fernandez, Dean, Academic Affairs
Vacant, Dean, Research, Planning and Assessment
Dr. Donna-Mae Villanueva, Dean, Academic Affairs
Mary Ann Gavarra-Oh, Interim Dean, Academic Affairs
Paul Nieman, College Facilities Director
Stephanie Schlatter, Associate Dean, Special Services

A Message from the President

Kathleen F. Burke

Pg. 10

Admission Eligibility

International Student Admissions

All applicants are evaluated on their potential to be successful at this college. When the student is admitted, an I-20 is issued to the student by the International Student Admissions office.

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Enrollment Process: How to Register for Classes

Continuing Students

3. Assessment~~/Prerequisites~~

…~~Bring proof of prerequisite courses completed at other colleges to the Assessment Center in the Student Services Building. Questions? Call (818) 719-6499.~~

4. Counseling/Prerequisites

See a counselor well in advance of registration. Ask about degree and major requirements. ~~Visit the Transfer Center. Check the Counseling website to schedule an appointment~~. Bring proof of prerequisite courses completed at other colleges to the Counseling Office in the Student Services Building.

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Student Fees

Parking Fee

A parking permit is required at all times when using campus parking facilities during regular school hours Monday through Friday. Permits are not required for Saturday and Sunday.

… Students displaying a Preferred Student Parking Decal may park, if space is available, in all student parking lots, including preferred lots (~~1,~~ 3, 4, ~~5~~, 6, 7, 8, and 9), as well as legally allowable street parking space. The non-preferred parking lot~~s~~ (permit required) ~~are 2 and 4~~ is 5.

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Academic Standards and Policies:

"Some or all of the class hours for courses may be offered using the "To Be Arranged" (TBA) course scheduling option. Please refer to the class schedule listing for sections of courses for specific TBA weekly or daily class hour requirements that may apply."

Pg. 22

Add Biology 123 under "Courses Offered on a Credit-By-Exam Basis."

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Educational Support Services

Disabled Students Programs and Services

The Disabled Students Office is located in the Student Services Building, room 48175. The Office is open Monday through Thursday from 8:00 a.m. until 6:00 p.m. and Friday 8:00 a.m. to 4:00 p.m.

The following special services are offered:

- Interpreter services for the deaf
- Note-taking services
- Mobility assistance
- Specialized tutoring
- Registration assistance
- On-campus transportation
- Academic and career guidance
- C.C.T.V.
- ~~Specially adapted computers~~
- Special Classes
- Print magnifier
- Testing proctoring

- Special counseling
- Learning disability assessment
- Special parking
- Alternative media
- Specially adapted software technology
- Special orientation
- Adaptive furniture

Disabled Students Programs and Services Service Area Outcomes
The following Services Area Outcomes have been developed to inform students about the goals of the program:

1. Students with declared majors will demonstrate a level of confidence choosing an educational goal and follow the recommendations of their Special Services Counselor taking the appropriate classes to achieve their academic goals.
2. Special Services students will:
   - Describe their disability, strengths, and effective accommodations
   - Understand and adhere to the Special Services policies and procedures
   - Actively participate in counseling sessions and initiate accommodation requests timely
   - Identify resources available on campus to enhance development and academic performance.
3. Students placing remedial English and math will identify Special Services as resource for disability assessment and potential accommodations.
4. Students will recognize the importance of self-management, developing workplace and professional skills, and self-advocacy.
5. Students will recognize the importance the time commitment and necessity to adhere to schedule LD assessment appointments to complete the comprehensive assessment.

EOPS/C.A.R.E. Service Area Outcomes

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Other Services

Campus Child Development Center

The center is open from 7:45 am – 4:00 pm, Monday through Friday. The following sessions are offered within these hours: Half day – 8:00 am – 12:30/1:00, Monday through Friday, and Full day -8:00 am – 3:00/4:00 pm, Monday through Friday. The program is staffed with highly educated and experienced teachers, and offers a minimum ration of 1 adult to 6.8 children in each classroom.

Campus Child Development Center Service Area Outcomes
The following Service Area Outcomes have been developed to inform students about the goals of the program:

1. Children will demonstrate continued growth in cognitive, creative, physical and social-emotional development
2. CDC Ass. Teachers will be able to demonstrate ability to create appropriate curriculum activities for children after professional development trainings.
3. Instructional/Adult students will demonstrate, by their observation of or work in the CDC classrooms, knowledge of appropriate child-centered classroom activities.

4. Parents will gain relevant information to improve parenting skills.

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Student Right to Know: Crime Statistics
As required by the federal Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act ("Clery Act"), the college's Annual Security Report contains policy statements and crime statistics for the campus. The Annual Security Report includes statistics for the previous three years concerning certain reported crimes that occurred on campus, in off-campus buildings or property owned or controlled by the college, and on public property within or immediately adjacent to the college. The report also includes institutional policies concerning campus safety and security, such as policies on drug and alcohol use, crime prevention, the reporting of crimes, sexual assault, and emergency response and evacuation procedures. You can obtain the college's Annual Security Report online at http://www.piercecollege.edu/media/pdf/AnnualSecurityReport.pdf. You may also request a paper copy by contacting the Sheriff's Department at 818-710-4311.

Pg. 65

Part 2 – Major: Change pages 64-65 to 72-73.

Pg. 66

- Change from "(see pg. 56 for details)" to "(see pg. 64 for details)"
- Add CHICANO 20 under Area B2 and D-3.

Pg. 67

Change from "(see pg. 56 for details)" to "(see pg. 64 for details)"

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Department & Program **Organization**

AGRICULTURE ~~AND NATURAL RESOURCES~~

Animal Science/	General Agriculture
Pre-Veterinary Sciences	Horse and Equine Science
Horticulture & Landscaping	~~Natural Resource Management~~
Veterinary Science & Technology	

HISTORY/HUMANITIES	**Brian Walsh**	**710-2894** **FO 3001**
ANTHROPOLOGICAL & GEOGRAPHICAL SCIENCES	**Adrian Youhanna**	**710-2940** **FO 2904**
LIFE SCIENCES	**Larry Thouin**	**710-4282** **CFS 91042**

PHYSICAL EDUCATION – Change to **KINESIOLOGY**

PHYSICS & PLANETARY SCIENCES	**Lee Loveridge**	**710-2541** **CFS 91040**

Astronomy	Environmental Science
Geology	Oceanography
Physical Science	Physics
Engineering General	

SPEECH COMMUNICATION – Change to **COMMUNICATION STUDIES**

SPECIAL EDUCATION **Stephanie Schlatter**

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Addiction Studies – AA
Major – Electives Courses:
- Add ADDICT 25
- Remove ADDICT 19

Additional Electives:
- Remove ADDICT 15
- Combine the two bottom additional electives sections and change text to “Select a minimum of two courses (6 semester units) from the following:”

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Addiction Studies – Certificate of Achievement
Major – Electives Courses:
- Add ADDICT 25
- Remove ADDICT 19
- Change text to "Select a minimum of two courses (6 semester units) from the following:"

Additional Electives:
- Remove bottom two sections

Certificate Total – 36 units

Floral Design and Management – Certificate of Achievement

Certificate – Required Courses		**Units**
Plnt Sc 701	Retail Floral Design and Practices I	2
Plnt Sc 711	Botany for Horticulture	3
Plnt Sc 714	Principles of Horticulture	3
Plnt Sc 896A	Horticulture Projects A	1
Plnt Sc 896B	Horticulture Projects B	2

Certificate – Elective Courses: (replace)
Select a minimum of 7 semester units:
ACCTG 1 (5 units); ART 201 (3 units); BUS 5 (3 units); MGMT 13 (3 units); Plnt Sc 829 (3 units)

Certificate Total Units – 18

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General Agriculture – AS

For **Group 2** add to existing list the following courses:
Anml Sc 520 (3 units); Anml Sc 521 (2 units); Anml Sc 535 (3 units); Anml Sc 537 (2 units); Anml Sc 540 (2 units); Anml Sc 579 (3 units)

For **Group 3** add to existing list the following courses:
Anml Sc 577 (2 units); and **remove** Anml Sc 645 (5 units)

For **Group 4 remove** the following courses from the list:
PLNT SC 702 (2 units), 703 (2 units), 704 (2 units), 708 (6 units), 721 1 unit), 722 (1 unit), 724 (1 unit), 725 (1 unit), 729 (3 units, 730 (1 unit), 742 (5 units), 760 (1 unit), 761 (1 unit), 762 (1 unit)

For **Group 5 remove** the following courses from the list:

PLNT SC 804, 805, 808, 811, 813, 817, 819,821, 822, 823, 840, 845, 848, 851, 852, 896C
And
Add to this group the following courses:
PLNT SC 827 (3 units); 828 (3 units); 829 (3 units); 830 (3 units), 901 (3 units)

Replace: Select a minimum of 20 semester units from the courses below:
ANML SC 120 (3 units), 180 (2 units), 181 (10 units), 401 (1 unit), 505 (3 units), 510 (3 units), 511 (3 units), 512 (1 unit), 515 (2 units), 516 (1 unit), 520 (3 units), 521 (2 units), 530 (2 units), 531 (2 units), 535 (3 units), 537 (2 units), 540 (2 units), 579 (3 units), 596 (10 units), 601 (3 units), 602 (3 units), 603 (3 units), 620 (2 units), 621 (1 unit), 630 (2 units) 631 (2 units), 640 (2 units), 650 (2 units)
PLNT SC 701 (2 units), 711 (3 units), 716 (1 unit), 800 (3 units), 801 (3 units), 802 (3 units), 806 (4 units), 807 (4 units), 812 (3 units), 815 (3 units), 816 (1 unit), 818 (3 units), 820 (3 units), 826 (3 units), 827 (3 units); 828 (3 units); 829 (3 units); 830 (3 units), 901 (3 units)

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REMOVE General Agriculture – Certificate of Achievement

Horse Science – AS

Major – Required Courses
Add ANML SC 512 Anatomy and Physiology of Animals Laboratory (1 unit)

Major – Electives Courses
Remove Anml Sci 611, 615, 617

Major – Total Units: change from 49 to 50

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Horse Science – Certificate of Achievement

Certificate – Elective Courses:
- Change minimum elective units from 6 to 7
- Remove Anml Sci 615, 617

Certificate – Total Units: change from 28 to 29

Horticulture – General – AS

Entry Level Required Courses:
- Add Plant Sc 818 Landscape Construction (3 units), Plnt Sc 828 Sustainable Water Management (3 units), Plnt Sc 829 Plant ID IV (3 units)
- Replace Plnt Sc 840 with Plnt Sc 830 Sustainable Pest Control (3 units)

Major - Required Courses		Units
PLNT SC 716	Arboriculture I (Care of Trees and Shrubs)	1
PLNT SC 756	Greenhouse Plant Production (3 units)	3
	or	
PLNT SC 757	Plant Propagation (3 units)	
	or	
PLNT SC 827	Sustainable Gardening for Landscapes	
PLNT SC 806	Landscape Planning and Design	4
PLNT SC 812	Landscape Installation and Maintenance	3

Major - Elective Courses
Select a minimum of 7 semester units from the following courses:
PLNT SC 701 (2 units), 800 (3 units), 801 (3 units), 802 (3 units), 806 (4 units), 807 (4 units), 812 (3 units), 815 (2 units), 816 (1 unit), 818 (3 units), 820 (3 units), 822 (3 units), 826 (3 units), 896A (1 unit), 896B (2 units), 896C (3units), PLNT SC 901 (3 units)

Major Total Units:
- Change from 41 to 40 total units.

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Landscape Planning and Design – AS

Entry Level Required Courses:
- Add Plant Sc 818 Landscape Construction (3 units), Plnt Sc 828 Sustainable Water Management (3 units), Plnt Sc 829 Plant ID IV (3 units)
- Replace Plnt Sc 840 with Plnt Sc 830 Sustainable Pest Control (3 units)

Major – Required Courses:
- Add Plnt Sc 829 Plant ID IV (3 units)

Major – Electives Courses:
Select a minimum of 3 semester units from the following courses:
PLNT SC 701 (2 units), PLNT SC 716 Arboriculture I (Care of Trees and Shrubs) (1 unit), PLNT SC 756 Greenhouse Plant Production (3 units), PLNT SC 757 Plant Propagation (3 units), PLNT SC 827 Sustainable Gardening for Landscapes (3 units)

Major – Total Units:
- Change from 54 to 57 units

Basic Gardening (Advanced) – Certificate of Achievement

PLNT SC 103 (3 units), 701 (2 units), 716 (1 unit), 756 (3 units), 757 (3 units), 800 (3 units), 801 (3 units), 802 (3 units), 806 (4 units), 807 (4 units), 812 (3 units), 815 (2 units), 816 (1 unit), 818 (3 units), 822 (3 units), 826 (3 units), 896 (3 units)

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Pre-Veterinary Medicine – AS

Add to first paragraph after UC Davis School of Veterinary Medicine, Western University's College of Veterinary Medicine, Ross University of Veterinary Medicine, and St. Mathews College of Veterinary Medicine.

Pre-Veterinary Experiential Training
Select **at least** two courses (minimum 3 semester units) from the following
Add to this list the following courses:
520 (3 units), 521 (2 units), 535 (3 units), 537 (2 units), 540 (2 units), 579 (3 units),

Electives (optional)
Remove the following courses:
ANSL SC: 450, 466

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Veterinary Technology – AS

Advanced Veterinary Technology Classes: change ANML SC 470 - 2 units to 3 units.

Total Major Units = 64

Pg. 82

American Sign Language – AA.

Program Learning Outcomes

Upon completion of this program, students will:

- Demonstrate receptive and expressive proficiency in American Sign Language and Fingerspelling at appropriate level.
- Demonstrate knowledge and awareness of the similarities and differences between the American Deaf culture/community and the American hearing culture/community.
- Demonstrate skills required to interpret and transliterate between ASL and English in educational settings and/or community settings.
- Exhibit professional standards, practices, and ethics to interpreting; including, but not limited to, the tenets of the Code of Professional Conduct.

Replace Anthro 104 with Ling 1 under Major – Required Courses.

Pg. 88

General Business AA: title change to Business Administration AA.

**For students who received the AA degree from 1978-2011, the transcript will read "General Business." From 2012 to present the title is changed to "Business Administration."*

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CAOT: Administrative Professional – Certificate of Achievement
Major – Required Courses: remove CAOT 67.

Pg. 103

Programming for Business – AA

Major – Required Courses:
Add CS 508 (3units) **OR** CS 575 (3 units).

Technical Electives:

- Add CS 559 as a technical elective in sequence 1
- Add CS 558 as a technical elective in sequence 2
- Add CAOT 32 as a technical elective in sequence 3

Programing for Business – Certificate of Achievement

Certificate – Required Courses		**Units**
CO SCI 575	Programming Fundamentals in C++	3
	or	
CO SCI 508	Visual Basic	
CO SCI 501	Introduction to Comp	3
CO SCI 533	Database Using Access and SQL	3
CO SCI 541	Advanced Database Programming Using C#	3
CO SCI 560	Business Systems Design Using Oracle Developer and SQL Server	3
CO SCI 572	Intro PC Hardware and Operating Systems	3
	or	
CO SCI 552	Programming in Java	
	or	
CO SCI 550	Introduction to Web Development Using Dreamweaver & CSS	

One course from the following:

Acct 1: Introductory Accounting (5 units), Bus 5: Business Law I (3 units),	
CAOT 32: Business Communications (3 units)	3-5

Certificate – Total Units: change from 23 to 21-23

Pg. 104

Computer and Network Technology – AS

Major – Required Courses:
Add CS 508 (3units) **OR** CS 575 (3 units).

Technical Electives:

- Add CS 560 as a technical elective in Programming sequence
- Add CS 558 as a technical elective in Web Development sequence
- Change units from 6 to 3. Heading should read "Select a minimum of 3 units from any of the courses listed below:"

Major – Total Units: change from 47 to 42

Pg. 107

CSULA Criminal Justice Core: add Administrative Justice 67.

Electronics – AS:

PROGRAM LEARNING OUTCOMES:
Upon completion of this program, students will:

- Apply principles of electronics and electronic devices, linear circuits, and electronic communications.
- Safely and effectively use a variety of equipment to diagnose, analyze, and build or repair electronic systems
- Provides the student knowledge of circuit analysis as well as linear and integrated circuit operation.

Pg. 109

French – AA

Program Learning Outcomes
Upon completion of this program, students will:

- Demonstrate oral, proficiency in target language.
- Demonstrate proficiency in the grammar, structure, tense, mood and syntax of the target language
- Demonstrate Intermediate-High to Advanced Low proficiency in writing and reading comprehension in target language.
- Exhibit basic knowledge of the social, political, cultural and economic conditions in the countries in which the target language is spoken.

Major – Required Courses:		**Units**
FRENCH 8	Conversational French	2
FRENCH 10	French Civilization	3

Major – Total Units change from 17-18 to 20.

Pg. 112

Industrial Technology: Automotive Service Technology – AS
Major – Required Courses:
- Add AST 8 (4 units) and AST 9 (4 units).
- Remove AST 23, 32, 34, 36, & 52.

Elective Courses (under "select a minimum of 3 semester units from the following :")
– Add AST 23 & 25.

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Industrial Technology: Automotive Service Technology – Certificate of Achievement
Certificate – Required Courses:
- Add AST 8 (4 units). Remove AST 32, 34, 36, & 52.
- Remove AST 23

Elective Courses (under "select a minimum of 3 semester units from the following :")
– Add AST 23 & 25.

Pg. 114

Drafting – Mechanical AA: Change title to **Engineering Design & Technology AS**
Ind Tek 110 change title to EGD TEK 101 Engineering Graphics
Ind Tek 115 change title to EGD TEK 111 Fundamentals of 2D CAD
Ind Tek 210 change title to 3D Computer-Aided Design
Ind Tek 310 change title to Engineering Design
Ind Tek 215 – remove from required courses
Ind Tek 315 – remove from required courses
Total units change to 32-34

Pg. 116

Italian – AA

Program Learning Outcomes
Upon completion of this program, students will:
- Demonstrate oral, proficiency in target language.
- Demonstrate proficiency in the grammar, structure, tense, mood and syntax of the target language.
- Demonstrate Intermediate-High to Advanced Low proficiency in writing and reading comprehension in target language.
- Exhibit basic knowledge of the social, political, cultural and economic conditions in the countries in which the target language is spoken.

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Latin American Studies – AA

Program Learning Outcomes

Upon completion of this program, students will:

- Demonstrate understanding of the major historical, cultural, social, political, and economic problems facing Latin America.
- Demonstrate the chief historical factors that gave rise to existing institutions and processes
- Reflect an informed awareness of literature, art, and music in Latin America, including familiarity with the work of several recognized Latin American artists and authors.
- Demonstrate language proficiency in Spanish and communicate effectively in English.
- Be able to engage in thoughtful dialogue about Latin America
- Be able to identify Latin American ideas, historical events, and cultural phenomena in the Latin American context.

Change **Major – Required Courses** to:		**Units**
HISTORY 5	History of the Americas I	3
	or	
HISTORY 6	History of the Americas II	
SPANISH 9	Hispanic Civilization	3
SPANISH 4	Intermediate Spanish II	
	or	
SPANISH 5	Advanced Spanish II	5
SPANISH 10	Latin-American Civilization	3
SPANISH 27	Cultural Awareness through Advanced Conversation (3 units)	3-5
	or	
SPANISH 6	Advance Spanish II (5 units)	

Major – Total Units: Change from 22-23 to 23-25.

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Nursing – AA

Major – Required Courses

- Change Nursing 400 from 4 to 5 units.

Major – Total Units:

- Change from 37 to 38 units

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3. Communication Skills: Add statement "Must be completed with a "C" or higher."

NURSING DEPARTMENT POLICIES

Remove the statement "All nursing and GENERAL EDUCATION – REQUIRED COURSES must be completed with a grade of "C" or better."

Pg. 122

Photojournalism – AA

Major – Electives Courses

- Art 502: Change title from Beginning Two-Dimensional Design to Beginning Three-Dimensional Design.

Pg. 124

Spanish – AA

Program Learning Outcomes

Upon completion of this program, students will:

- Demonstrate oral, proficiency in target language
- Demonstrate proficiency in the grammar, structure, tense, mood and syntax of the target language
- Demonstrate Intermediate-High to Advanced Low proficiency in writing and reading comprehension in target language
- Exhibit basic knowledge of the social, political, cultural and economic conditions in the countries in which the target language is spoken.

MAJOR - REQUIRED COURSES		**Units**
SPANISH 10	Latin-American Civilization	3
SPANISH 27	Cultural Awareness through Advanced Conversation	3
	or	
SPANISH 25	Spanish American Short Story in Translation	
Select a minimum of two courses (10 units) of Language:		
SPANISH 4 and 5	Intermediate Spanish II and Advanced Spanish I	10
	or	
SPANISH 5 and 6	Advanced Spanish I and Advanced Spanish II	

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Technical Theater – AA

Remove Theater 342 under electives.

If you are enrolling in a class in Music, Art, Dance Techniques, Physical Education (Kinesiology) or Theater, please read this first!

Effective Fall 2013, students enrolled in 'active participation courses' in physical education, visual arts or performing arts are limited to 4 enrollments per 'family'. Failures and withdrawals all count as enrollments.

Even if a family contains multiple courses, a student can only take 4 of them. This applies to courses in the areas of Music, Art, Dance Techniques, Physical Education and Theater.

If you are a student enrolling in classes in one of these areas, click here to view course family groupings and see which restrictions apply to your area.

New Courses:

***Note**: See your department faculty advisor regarding possible Degree and Certificate Program changes resulting from the introduction of new courses.*

Animal Science 481 - Clinical Experience For Veterinary Technicians II (3)

Lecture 3 hours.
***Prerequisite**: Animal Science 420, 421, 435, and 436*
This course builds upon and expands the skills developed in AS 480. Students will integrate acquired classroom knowledge with clinical experiences. This course requires a minimum of 120 hours working in an animal hospital.
Pending LACCD Board approval

Animal Science 521 - Beef Production Laboratory (2) UC pending: CSU pending

Laboratory 4 hours.
***Corequisite**: Animal Science 520*
***Advisory**: Animal Science 501*
The practical application of the beef management industry. It encompasses on the farm management decisions and operational procedures of the college herd.

Animal Science 654E - Equine Issues (1)

Lecture 3 hours.
Emphasis on Equine Equitation: An activity class which provides advanced or specific new skills related to horse riding, performance, or competitive sport.

Art 603 – Typography I (3) CSU

Lecture 2 hours. Laboratory 2 hours.
This course provides an introduction to basic composition and principles of typography. The course includes a survey of type from its origins to current uses for print, web, video, animation and mobile. Using hand skills and the computer, projects focus on typographic

design, resonance and composition. Students develop skills regarding visually interesting letter forms and their uses in typographic design with a focus on appropriate solutions, visual interest and craftsmanship.

Child Development 9 - Advanced Curriculum: Art In Early Childhood (3) CSU

Lecture 3 hours.

This course is an advanced exploration of visual art and creative curriculum in early childhood. Students are introduced to contemporary philosophies of art education and basic art concepts as they relate to early childhood education (birth - 8 years old). This course will emphasize the development of basic artistic and pedagogical skills, techniques, and strategies for working with young children to develop aesthetic perception and to promote creative expression. Further, this course provides a study of the importance of integrating art into the educational experience and examines the impact on overall child development for both typically and atypically developing children.

Cinema 119 - Advanced Documentary Production (6) UC pending: CSU

Lecture 3 hours. Laboratory 6 hours.

***Advisory**: Cinema 109*

This course explores long-form documentary concept development, pre-production, production and post-production. Students will learn how to research and pitch a story, elements of storytelling, story structure, character development, styles, etc. In addition, students will explore an array of different types of Documentary Genres. Students will produce at least one long-form documentary for this class from concept development to final piece.

Cinema 121 - Research And Interviewing Techniques For Documentary (3) CSU

Lecture 2 hours. Laboratory 2 hours.

***Advisory**: Cinema 104*

Students gain the foundation for conducting research and interviews for documentary productions. Students explore the pre-production process that includes developing in-depth research proposals and treatments, scouting locations, conducting interviews and finding strong characters, access issues, budget and marketing considerations, storyboards, pitch, music considerations and more. Students also learn how to use databases, journals, the Web, social networks, experts and other sources as part of this class. This course is based around the development of professional documentary project proposals for television, internet, pre-production and film.

Cinema 185 – Directed Study – Cinema (1) CSU
Cinema 285 – Directed Study – Cinema (2) CSU
Cinema 385 – Directed Study – Cinema (3) CSU

Conference 1 hour per unit.

This course allows the student to pursue Directed Study in Cinema on a contract basis under the direction of a supervising instructor.

Computer Science 508 - Visual Basic (3) UC pending: CSU

Lecture 2 hours. Laboratory 2 hours.

Introduces programming fundamentals using Visual Basic. Topics include event-driven programming, basic control structures, data types, arrays, file processing, error-handling, procedures, program development life cycle, and basic principles of interface design. Students will create basic web apps and scripts. Please check the transfer, degree, or certificate requirements. This course applies to some programs in our department, but specifically not to Programming for Computer Science.

Computer Science 558 – Advanced Programming For E-Commerce Website Development (3) CSU

Lecture 2 hours. Laboratory 2 hours.

***Prerequisite**: Computer Science 556*

***Advisory**: Computer Science 533 and Computer Science 575*

Students will learn to develop a dynamic, interactive electronic commerce (E-Commerce) website to conduct business over the Internet and World Wide Web using software such as PHP and MySQL. This course introduces electronic commerce including history, E-Commerce concepts and technology, development and integration of PHP and MySQL into an E-Commerce website, online catalog, shopping cart development, payment systems, website security, and Search Engine Optimization. This course also focuses on the development of dynamic, interactive website pages for all aspects of E-Commerce.

Computer Science 559 - Advanced Programming For Mobile Devices (3)

Lecture 2 hours. Laboratory 2 hours.

***Prerequisite**: Computer Science 540 OR Computer Science 552*

***Advisory**: Computer Science 550*

This course provides students with advanced programming concepts and skills for creating mobile applications for today's most popular platforms. Students will learn to create multi-screen, multi-touch applications; send/receive SMS and emails programmatically from within applications; read and update contacts through public contact API; use media and browser content providers; use sensors and location-based services programmatically; develop services; create a home screen widget. Students will learn about exception handling, will create manageable user preferences and will learn to incorporate security and permissions. Students will learn to sign, publish and distribute developed applications.

Computer Science 584 – Network Security (3) CSU pending

Lecture 2 hours. Laboratory 2 hours.

***Prerequisite**: Computer Science 537, 538, 578, and 587. OR current Cisco CCNA certification.*

This course will cover the theory of the primary network security threats and the practical application of tools to mitigate those threats. Threats covered will include reconnaissance, access, and denial of services attacks, along with virus, worm and trojan horse projections. Hardware and software based network protection, including firewalls, access control lists,

intrusion detection systems, and cryptography will also be explored along with Virtual Private Networking. This course maps to the Cisco CCNA Security certification.
Pending LACCD Board approval

Dance Studies 185 – Directed Study – Dance (1) CSU

Conference 1 hour per unit.
This course allows students to pursue directed studies in Dance on a contract basis, under the direction of a supervising instructor.

Dance Studies 452 - Introduction To Choreography (4) CSU

Laboratory 2 hours.
This course is an introduction to basic principles of dance composition and choreography. It includes theory and practice using improvisation, critical analysis, and implementation of the elements of space, time, and energy in student projects.

Dance Studies 802 – Modern Dance II (3) UC:CSU

Lecture 1 hour. Laboratory 5 hours.
This class offers in depth instruction and practice in the fundamentals of modern dance technique. The course also includes theory, historical context, terminology of dance and theater, and instruction in the elements of space, time, and energy. Studies on rhythm, alignment, motivation, dynamics, and design are incorporated. Training the body for performance and lifelong movement skills continues. Trailblazers of modern dance are highlighted.

Dance Studies 814 – Dance Production I (2) UC:CSU

Lecture 1 hour. Laboratory 2 hours.
This course provides instruction and laboratory experience in dance concert production for stage, film and site-specific areas including; publicity, lighting design, audio/visual training, costuming, dance criticism, audition and performance skills. The course involves dance rehearsals as well as production duties for non-dancers.

Dance Studies 820 – Dance Staging And Production Methods (4) CSU

Lecture 2 hours. Laboratory 4 hours.
This class provides instruction and laboratory experience in increasing the skills involved in dance concert production including; choreography, staging, set design and construction, lighting and sound design, audio/visual training, costume design and construction, and make-up design. Students gain additional experience in publicity and ticket sales, administrative details of pre and post-performance responsibilities. This class affords students the opportunity to perform with the Pierce College Dance Theatre and also to further develop their workshop experience therein. This class is continuation of Dance 814.

Engineering Design and Technology 101 - Engineering Graphics with GD&T (3) CSU

Replaces Industrial Technology 110
Lecture 2 hours. Laboratory 2 hours.
***Prerequisite**: Math 110*
This introductory course covers the fundamentals of technical drawing and an introduction to computer-aided design (CAD) with a focus on mechanical applications. Topics include the development of visualization and technical sketching skills in conjunction with orthographic projections; dimensioning and tolerancing practices, including an introduction to geometric dimensioning and tolerancing (GD&T); and descriptive geometry with applications to engineering. Lab work includes hand sketching and the use of two- and three-dimensional CAD systems. Students use one or more CAD software packages to draft and model various objects. The use of CAD software is an integral part of the course.

Engineering Design and Technology 111 – 2-D Computer-Aided Drafting with AutoCAD (2) CSU

Replaces Industrial Technology 115
Lecture 1 hour. Laboratory 3 hours.
***Prerequisite:** Math 110 or placement exam.*
***Advisory:** Ind Tek 110*
This course teaches the fundamentals of 2D computer-aided design and drafting. Students will utilize CAD software such as AutoCAD to create and modify two-dimensional drawings, with a focus on mechanical parts. Students will learn and apply intermediate CAD skills in drawing, plotting, and dimensioning and tolerancing in accordance with industry standards. The course assumes the student has some prior knowledge of technical drawings, either by taking EGD TEK 101 or an equivalent Engineering Graphics course, or through relevant industry experience.

Geography 23 – Severe and Hazardous Weather (3) CSU

Lecture 3 hours.
Students will learn basic principles about the atmosphere as it relates to severe, hazardous, and unusual weather events. Emphasis is first given to the properties and measurements of severe weather conditions, maps and computer simulations of severe weather events, and basic forces and dynamics of the atmosphere during severe and hazardous weather. Then a series of severe, hazardous, and unusual weather phenomena will be discussed, including thunderstorms, lightning, hailstorms, downbursts, tornadoes, tropical cyclones and hurricanes, floods, drought, and extreme mountain weather. Tools used of inquiry may include weather maps, radar and satellite imagery, and geographic information systems.

Geology 8 - Earth Materials: Mineralogy And Crystallography (4) CSU

Lecture 3 hours. Laboratory 3 hours.
***Prerequisite**: Geology 1 and 6. And Chemistry 60.*
This course provides students with an introduction to Earth and planetary materials with an emphasis on mineralogy and crystallography. The lecture portion of the course will

introduce students to the basic concepts of mineralogy including crystallography, crystal chemistry, mineral identification and classification, genesis of the major rock-forming minerals, paragenesis of ore deposits and plate tectonic associations of minerals. The laboratory portion of the course will introduce students to the identification of common silicate and non-silicate minerals in hand sample and in rocks, principles of optical mineralogy and exercises in phase equilibrium.

Geology 15 – Geological Catastrophes (3) CSU

Lecture 3 hours.

This course provides a survey of the geological and tectonic forces behind the most common natural disasters on Earth. The course will study how earthquakes, tsunami, volcanoes, mass movements, weather-related phenomena, wildfires and floods are generated, how they affect populations and specific hazard mitigation techniques. Special emphasis will be placed on the disaster risk of the Los Angeles region.

History 29 - Asian Civilization: The Middle East (3) UC:CSU

Lecture 3 hours.

An introductory survey course of the modern Middle East emphasizing the political and social development of Islamic culture. The course deals with the life and teachings of Muhammad, the development of the Islamic faith, and its interaction with various cultures and religions in the West.

History 42 – Afri-American History US 2 (3) UC:CSU

Lecture 3 hours.

This course surveys the history of African-Americans in the United States and their relationship with major American institutions. Covering the period the that spans from the end of the civil war to the present time, this course emphasizes the role African-Americans played in the social and political development of American civilization.

History 56 – American Env History (3) UC:CSU

Lecture 3 hours.

The course surveys the environmental history of the United States from the pre-Columbian era to the present, including an examination of the economic, social and political consequences of environmental degradation and the responses to those disasters by governmental and other bodies.

Journalism 223 – Magazine Writing (3) CSU pending

Lecture 2 hours. Laboratory 3 hours.

Students will learn the theory of writing for a magazine. Focus is is on research, reporting and writing. Writing and editing of copy, working with editors, photographers or illustrators, preparing articles for production; arranging production schedules; and other aspects of publishing are included.

Pending LACCD Board approval

Journalism 227 - Field Work Laboratory (2) CSU

Laboratory 6 hours.
***Prerequisite**: Journalism 101 with a grade of "C" or better.*
***Corequisite**: Journalism 202, 218, 219 or 220, or Photography 20 or 21, or Broadcasting 10.*
Student reporters, editors, photographers and other visual journalists practice and refine intermediate skills in the publication of the campus newspaper, website and other student-run publications. The focus of the course is the preparation of specialized content for print, online and social media. Students will apply newsgathering skills to one or more media platforms.

Journalism 229 - Editorial Techniques For Staff Editors (1) CSU

Laboratory 3 hours.
***Prerequisite**: Journalism 101 with a grade of "C" or better.*
***Corequisite**: Journalism 202, 218, 238, 248, 258, or 268, or Photography 21.*
***Advisory**: English 101.*
This course offers instruction for campus publication editors in editorial writing, photo illustrations and editorial cartoons, as well as analysis of editorial problems. An emphasis is placed on formulating editorial policy for campus publications.

Journalism 238 - Editing For Publications (3) CSU

Lecture 1 hour. Laboratory 6 hours.
***Prerequisite**: Journalism 202 with a grade of "C" or better.*
***Corequisite**: Journalism 217.*
***Advisory**: Computer Science 501 or Library Science 102, and English 101.*
This course provides practical instruction and practice in copy editing for print and online publications as required to produce the campus news print and online publications. Print and online editions are evaluated and critiqued in regularly scheduled student staff meetings.

Journalism 239 - Opinion Writing Techniques For Staff Editors (1)

Laboratory 3 hours.
***Prerequisite**: Journalism 101 with a grade of "C" or better.*
***Corequisite**: Journalism 202, 218, 238, 248, 258, or 268, or Photography 21.*
***Advisory**: English 101.*
This course offers instruction for campus publication editors in column writing, as well as analysis of editorial problems. An emphasis is placed on formulating editorial policy for campus publications.

Journalism 248 – Investigative Journalism (3) CSU

Lecture 1 hour. Laboratory 6 hours.
***Prerequisite**: Journalism 202 with a grade of "C" or better.*
***Corequisite**: Journalism 217.*
***Advisory**: Computer Science 501 or Library Science 102, and English 101.*
This course provides instruction and practice in developing, researching and writing investigative articles for the student print and online campus publications. Print and online editions are evaluated and critiqued in regularly scheduled student staff meetings.

Journalism 249 - Management Techniques For Staff Editors (1) CSU

Laboratory 3 hours.
Prerequisite*: Journalism 101 with a grade of "C" or better.*
Corequisite*: Journalism 202, 218, 238, 248, 258, or 268, or Photography 21.*
Advisory*: English 101.*
This course offers instruction for campus publication editors in management techniques and editorial problems as well as editorial writing, photo illustrations and editorial cartoons. An emphasis is placed on formulating editorial policy for campus publications.

Journalism 258 - Blogging And Social Media (3) CSU

Lecture 1 hour. Laboratory 6 hours.
Prerequisite*: Journalism 202 with a grade of "C" or better.*
Corequisite*: Journalism 217.*
Advisory*: Computer Science 501 or Library Science 102, and English 101*
This course provides practical instruction and practice in developing, producing, writing and marketing blogs as part of the student online campus publications. Online editions are evaluated and critiqued in regularly scheduled student staff meetings.

Journalism 268 - Computer Assisted Reporting, Editing And Design (3) CSU

Lecture 1 hour. Laboratory 6 hours.
Prerequisite*: Journalism 202 with a grade of "C" or better.*
Corequisite*: Journalism 217.*
Advisory*: Computer Science 501 or Library Science 102, and English 101*
This course provides practical instruction and practice in working with content management systems, data collection for storytelling and creating visual elements through data for the student print and online campus publications. Print and online editions are evaluated and critiqued in regularly scheduled student staff meetings.

Meteorology 5 – Severe and Hazardous Weather (3) CSU

Lecture 3 hours.

Students will learn basic principles about the atmosphere as it relates to severe, hazardous, and unusual weather events. Emphasis is first given to the properties and measurements of severe weather conditions, maps and computer simulations of severe weather events, and basic forces and dynamics of the atmosphere during severe and hazardous weather. Then a series of severe, hazardous, and unusual weather phenomena will be discussed, including thunderstorms, lightning, hailstorms, downbursts, tornadoes, tropical cyclones and hurricanes, floods, drought, and extreme mountain weather. Tools used of inquiry may include weather maps, radar and satellite imagery, and geographic information systems.

Multimedia 808 - Mobile Media Explorations (3) CSU

Lecture 3 hours.
This survey course provides a history of mobile media, including the development of emerging digital devices (mobile phones, tablets, and future devices, etc.) and their uses. An overview of user experience, impact on media consumption and communications and interactive design are given. Principles of content creation, user interface, marketability, common technical issues, etc. are discussed. Other topics include publishing mobile media and mobile/tablet applications, developing business plans, advertising, audience demographics, platform delivery and marketing possibilities for mobile applications and mobile media. Legal issues are also covered.

Multimedia 809 – Mobile Game Design (3)

Lecture 2 hours. Laboratory 2 hours.

This hands-on course will introduce students to the field of game content and design as it relates specifically to mobile and tablet devices. Practical experience in game design will be acquired from concept development to distribution. Students will acquire the fundamental skills to build a basic game. Historical and contemporary examples will be examined, along with professional roles. Students will look at elements of games that are unique to mobile/tablet such as their portability, their social nature and their technology driven evolution.

Multimedia 810 – Mobile Design Studio II (3)

Lecture 2 hours. Laboratory 2 hours.

***Prerequisite**: Multimedia 807 OR 809*

***Advisory**: Computer Science 575*

This hands-on capstone course will build upon the skills learned in Mobile Design Studio I while beginning to introduce topics such as development theory and best practices in mobile design. Students will learn more advanced development techniques with a focus on design and user interface while beginning to understand the importance of things such as application structure, modulation and flowcharts. Students will begin to incorporate more advanced mobile tools such as use of device hardware (accelerometer, audio and camera). Students will complete a series of exercises around topics in the course. Students will use the skills learned in these exercises to produce an application they propose. Students will finalize a portfolio and receive feedback.

Music 185 – Directed Study – Music (1) CSU

Conference 1 hour per unit.

Special studies will be undertaken with the guidance of weekly faculty meetings. Topics or projects must be approved by the faculty member in charge, and the course of study is to be submitted to the Humanities and Fine Arts Division Chairman at the beginning of the semester. * UC credit may be granted by petition after transfer.

Music 741 – Band (1) UC:CSU

Laboratory 3 hours.

The student studies standard band literature with the intent to develop technical and artistic abilities through experiences with a wide range of band literature. Public performances are presented. (Confirmation of enrollment subject to audition.)

Photography 37 - Visual Journalism: Photography, Video And Multimedia (4) CSU pending

Lecture 2 hours. Laboratory 6 hours.

***Prerequisite:** Photography 21*

Students gain practical experience in taking photojournalistic pictures and video including news, sports and features. Students take pictures for the campus newspaper, magazine and website. Students learn video editing, Photoshop and design skills to showcase their still and video images in online publications. Some students will serve as editors for the campus newspaper/magazine. Emphasis is placed on real world experience, in-depth photo/video stories, digital technology and portfolio development.

Pending LACCD Board approval

Photography 100 - Digital Cameras And Photographic Composition (3) CSU

Lecture 3 hours.

Students learn basic information in the use of cameras, lenses and exposure to produce good photographs. Students provide their own Digital Single Lens Reflex (DSLR) cameras.

Spanish 37 - Composition And Conversation For Spanish Speakers (5) CSU pending

Lecture 5 hours.

***Prerequisite**: Spanish 36*

This course continues to develop Spanish language proficiency after Spanish 36 and focuses on general academic writing and formal modes of presentation. It is intended for heritage speakers of Spanish who wish to increase their oral and writing skills in the context of themes, topics, and the literary and cultural production of the US Latino population. This course familiarizes students with authentic texts written in different styles to provide a platform from which to practice the presentational mode and various rhetorical modes of writing, such as description, narration, exposition, and argumentation. Final projects consist of a research paper and a formal presentation. This course prepares heritage speakers for the Advanced level in the AA degree and for upper-division major courses at four-year universities. Pre-requisite: Spanish 36 or permission of the instructor.

Pending LACCD Board approval

Visual Communications 604 – Graphic Design I (3) CSU pending

Lecture 2 hours. Laboratory 2 hours.

***Note:** Replaces Art 604*

This course provides an overview of the theories, concepts, principles and procedures used in the field of graphic design. Students will also learn software to apply their knowledge to hands-on projects that involve designing for print, web, video, animation, and mobile devices.

Pending LACCD Board approval