

Chaffey  College

CATALOG 2017-2018

Addendum



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1883 - 2018

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This addendum reflects updates and corrections to the 2017-2018 Chaffey College Catalog.

Chaffey College has made every effort to assure the accuracy of the information in this addendum. Users of this addendum should be aware that policies, rules, procedures, and regulations change, and that these changes may alter the information contained in this publication. The college reserves the right to change policies, regulations, fees, and courses of instruction upon direction by the Chaffey College Governing Board. The most current and complete information is available from the appropriate campus administrative agencies. To report errors and omissions, make suggestions for better readability, or offer comments, please send an e-mail to david.schlanger@chaffey.edu.

CATALOG ADDENDUM CHART

Addendum A - Updates as of August 11, 2017

Page #	Section	Heading	Change for Addendum
152	Course Descriptions	Dance	Added new DANCE course
	<p>25 Dance Conditioning and Somatic Techniques (2) (CSU) Hours: 16-18 lecture; 48-54 laboratory. Grading: Letter grade only. Dance conditioning and somatic techniques emphasizing alignment/placement dynamics, core stabilization, flexibility, strength, and efficiency for the dancer. May include Pilates, Alexander Technique, and other disciplines. Basic dance-related anatomical analysis of movement and mind-body connection through dance-conditioning system of floor mat work. 1008.00</p>		
167	Course Descriptions	Gerontology	Added new GERO course
	<p>407 Gerontology Career Cooperative Education (3) (Degree-applicable) Hours: 180 hours/term (unpaid) or 225 hours/term (paid) on-site work experience. Grading: Letter grade only. <i>Prerequisite: Gerontology 11.</i> Supervised work experience in public or private agencies, facilities, or organizations. Designed to apply gerontological knowledge, learn new skills, and provide career-related work experience in community situations. Instructor arranges student placement, and maintains contact with student throughout semester via online tools and resources. 1309.00*</p>		

Addendum B - Updates as of November 15, 2017

Page #	Section	Heading	Change for Addendum
89	Programs of Study	Emergency Medical Provider	Corrected CIP Code
	Corrected CIP Code from 15.0904 to 51.0904.		
96	Programs of Study	Gerontology	Corrected course number in Gerontology AS and Certificate of Achievement
	GERO 407	Gerontology Career Practicum	
	<i>Corrected to:</i>		
	GERO 406	Gerontology Career Practicum	

Page #	Section	Heading	Change for Addendum
112	Programs of Study	Pathway to Law School	Added new Pathway to Law School certificate program effective Fall 2017

Pathway to Law School Certificate

The Pathway to Law School certificate program provides a broad background to help prepare students for success in law school. The courses in the program were identified by the California State Bar's Council on Access and Fairness based on empirical studies of factors important to lawyer effectiveness. Students interested in a career in law should also complete their Associate's Degree and an academic major leading to transfer to a four-year college or university.

Unlike medical schools or other graduate programs, law schools do not have any undergraduate course requirements. They seek to assemble a diverse group of students with different backgrounds and undergraduate majors. As a result, college graduates with any undergraduate major may achieve admission to law school. Although law schools do not have specific undergraduate course requirements, some legal specialties are limited to students possessing certain types of undergraduate degrees. For example, patent lawyers are typically required to have a degree in engineering or in the sciences.

The Pathway to Law School certificate provides students with the opportunity to major in the subject of their choice while strengthening their abilities in areas that are associated with success in law school and the practice of law. Chaffey College is one of a select group of California community colleges participating in a program providing a unique pathway from community college to six California law schools and their respective undergraduate schools. There are currently six law schools (and associated undergraduate schools) in the program: Loyola Law School, Los Angeles (Loyola Marymount University); Santa Clara University; University of California, Davis; University of California, Irvine; University of San Francisco and University of Southern California. Chaffey College has a special relationship with the participating law schools and their universities. In addition to completing the certificate program, students must complete all major prerequisites for his/her major as required by the participating undergraduate institutions and must transfer successfully to one of the six universities listed above. It is important to highlight that Pathway to Law School students are not in any way limited in their choices of undergraduate or law school.

Chaffey Pathway to Law School students who complete this certificate are designated as COAF Scholars (Council on Access and Fairness). This will entitle them to the benefits provided by the pathway program if they complete this seven course certificate program and earn their undergraduate degree. Students are strongly advised to participate in an approved public interest/civic service activity. Interested students should contact their counselor or a member of the Chaffey College law faculty for more information on this program.

Program Learning Outcomes:

Upon successful completion of this certificate, students will have:

1. Developed critical thinking skills that help prepare them for success in the study of law.
2. Developed oral communication and argumentation skills that help prepare them for success in the study of law.
3. Developed an understanding of American history and government that help prepare them for success in the study of law.
4. Developed a basic understanding of the American legal system and the role of lawyers, judges, and litigants in our society.

Requirements for the Pathway to Law School Certificate:

	Units
[L405/35949/1401.00/22.0000]	
BUSL 10 Introduction to Law and the Legal Process	3
ENGL 1A Composition	3
ENGL 1B Advanced Composition and Critical Thinking	3
COMSTD 72 Logic and Argumentation (or PHIL 76, Critical Thinking)	3
PS 1 American Politics	3
SCSCI 10 Statistics for Social Science (or STAT 10, Elementary Statistics)	4

Plus one course selected from the following:

HIST 12 Asian American History	3
HIST 16 Westward Movement and the Indian Wars 1840-90	3
HIST 17 United States History through 1877	3
HIST 18 United States History from 1865	3
HIST 19 History of Ethnic Relations in the United States	3
HIST 20 History of the United States from 1945-Present	3
HIST 21 The Sixties in American History	3
HIST 25 Women in United States History	3
HIST 50 African-American History I	3
HIST 51 African-American History II	3
HIST 70 Chicanos: The Common History of Mexico and the US	3
HIST 71 Chicanos: The Chicano Minority in the United States	3
Total units for the certificate	22

Page #	Section	Heading	Change for Addendum
140	Course Descriptions	Business and Office Technologies	Added new (reactivated) BUSOT course
		475 Medical Office Procedures (3) <i>(Degree-applicable)</i> Hours: 48-54 lecture. Grading: Letter grade only. <i>Advisory: Completion of Biology 30, Business and Office Technologies 470, and Business and Office Technologies 40A or 40B.</i> A focus on the career of a medical front office assistant. Topics include meeting the patient, scheduling appointments, EHR (electronic healthcare records), storage, management, healthcare coding, billing, telemedicine, collection, financial records, reimbursement medical law, and ethics, HIPAA (Privacy & Security), data entry using flow sheets, and anatomical drawings, accreditation regulation, and quality improvement. 0514.20*	
160	Course Descriptions	English	Modified the course description for ENGL-475
		Added the following statement to ENGL-475: "NOTE: Students who have successfully completed ESL 475 may not take English 475."	
160	Course Descriptions	English as a Second Language	Modified the course description for ESL-475
		Added the following statement to ENGL-475: "NOTE: Students who have successfully completed English 475 may not take ESL 475."	
171	Course Descriptions	Industrial Maintenance	Modified the discipline title for Industrial Maintenance
		The subject title "Industrial Maintenance (IM)" has been changed to "Industrial Maintenance Mechanic (INDMM)".	
180	Course Descriptions	Mathematics	Added new MATH course
		415 Statway I (6) <i>(Being replaced by Mathematics 417 effective Fall 2018)</i> <i>(Degree-applicable)</i> Hours: 96-108 lecture. Grading: Letter grade only. <i>Prerequisite: Eligibility for Mathematics 415 as determined by the Chaffey assessment process, or completion of Mathematics 520.</i> The Statway path is a two-semester sequence recommended only for students following a non-STEM pathway. This course is the first semester of two in the Statway sequence and is a prerequisite for the concepts explored in Math 17. The course explores the concepts of probability and statistics with requisite algebraic topics integrated throughout. Statistics topics emphasize data analysis and include methods for collecting data, graphical and numerical descriptive statistics, correlation, and linear regression. Algebra topics include proportional relationships (including variation) with applications, expressions, linear equations and systems with applications, functions, quadratic and exponential equations, and linear and exponential/logarithmic models. Statway students participate in collaborative group learning, learn skills to maintain a positive perspective towards learning and engage in classroom activities that introduce statistical concepts and skills. Both courses in the sequence, Math 415 and 17, must be taken to receive credit for college level statistics. 1701.00	
195	Course Descriptions	Radiologic Technology	Added new RADTEC course
		41 Radiographic Clinical Education II (7) <i>(Replaces Radiologic Technology 40)</i> <i>(CSU)</i> Hours: 336-378 laboratory. Grading: Letter grade only. <i>Limitation on Enrollment: Successful completion of the first semester of the Radiologic Technology program.</i> <i>Prerequisite: Radiologic Technology 31.</i> Clinical practice experiences designed for sequential development, application, critical analysis, integration, synthesis, and evaluation of concepts and theories in the performance of radiologic procedures. Using structured competency-based assignments, concepts of team practice, patient-centered clinical practice and professional development are discussed, examined, evaluated, and reinforced. Course emphasis on patient assessment competent performance of radiologic images, and well-being of the patient pre-, during, and post-procedure. Students perform under direct or indirect supervision as appropriate following the procedures in the Radiology Technology Student Handbook. 1225.00*	

Page #	Section	Heading	Change for Addendum
196	Course Descriptions	Radiologic Technology	Added new RADTEC course

71 Radiographic Clinical Education V (10)

(Replaces Radiologic Technology 70)

(CSU)

Hours: 480-540 laboratory.

Grading: Letter grade only.

Limitation on Enrollment: Must be a second year Radiologic Technology student in good standing.

Guided practice in the application of radiologic technology to patients in a hospital environment, with increasingly independent performance by the student practitioner. Clinical experiences reinforce theory, perfect skills, and strengthen student-patient interactions, providing for the production of quality diagnostic images and patient well-being prior to, during, and following the procedure. Students do a secondary rotation for nine weeks to experience different equipment and procedures. 1225.00*

202	Course Descriptions	Welding	Added new discipline Welding (WELD) and added new WELD course
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70 Beginning Arc Welding (5)

(CSU)

Hours: 32-36 lecture, 144-162 laboratory.

Grading: Letter grade only.

This course provides an introduction to Shielded Metal Arc Welding (SMAW), Flux Core Arc Welding (FCAW), and Gas Metal Arc Welding (GMAW). Students will learn how to weld utilizing various electrodes in multiple positions. The professional use of carbon arc, plasma arc, and oxy-acetylene. Course includes lectures and demonstrations on industrial fabrications. 0956.50*

Page #	Section	Heading	Change for Addendum
62	Programs of Study	Business: Facilities Management	Added new Facilities Management degree program effective Spring 2018

BUSINESS - FACILITIES MANAGEMENT

Facility management is a profession that encompasses multiple disciplines to ensure functionality of the built environment by integrating people, place, process, and technology. Core competencies for a facility manager include communication, emergency preparedness and business continuity, environmental stewardship and sustainability, finance and business, human factors, leadership and strategy, operations and maintenance, project management, quality, real estate and property management, and technology. Coursework on these core competencies, combined with a general education pattern, will prepare the student with a base of knowledge that will enhance communication skills, critical thinking skills, global awareness and career and personal development.

Program Learning Outcomes:

Upon successful completion of this degree, students shall:

1. Examine and consider the social and/or ethical responsibilities of businesses and business persons.
2. Demonstrate a working knowledge of the functional areas of Facilities Management.
3. Demonstrate the ability to work effectively as a member of a team.
4. Demonstrate the ability to convey an idea orally or in writing so that the intended audience understands the idea. This shall include the ability to conduct business research, analyze, and interpret the findings.

Requirements for the Associate in Science Degree:

[S286/36000/0510.00*/52.0203]

Units

Core courses (15-16 units)

ACCTG 1A	Financial Accounting (or ACCTGFS 465, Financial Accounting for the Non-Accounting Major, 3)	4
BUS 10	Introduction to Business	3
BUS 60	Business Ethics	3
BUS 88	Business Communication	3
BUSL 28A	Business Law I	3

Required Courses for the Facilities Management Concentration (13-16):

BUS 496ABCD	Internships in Business	1 - 4
BUSMGT 40	Introduction to Management	3
BUSMGT 44	Introduction to Human Relations	3
BUSMGT 466	Introduction to Project Management	3
BUSMGT 470	Essentials of Facilities Management	3

Total units for the major 28-32

Page #	Section	Heading	Change for Addendum
64	Programs of Study	Business: International Business	Added new International Business certificate program effective Spring 2018

International Business Certificate

The International Business Program integrates the foundation of international trade, marketing, law, management, and global business practices used in a culturally diverse, global economy. Courses are designed to create technical skills and cultural sensitivity in the dynamic international business environment. This certificate prepares students for occupations such as logistics management, operations management, and export operation management.

Program Learning Outcomes:

Upon successful completion of this degree, students shall:

1. Examine and consider the social and/or ethical responsibilities of businesses and business persons.
2. Demonstrate a working knowledge of the functional areas of international business.
3. Demonstrate the ability to work effectively as a member of a team.
4. Demonstrate the ability to convey an idea orally or in writing so that the intended audience understands the idea. This shall include the ability to conduct business research, analyze, and interpret the findings.

Requirements for the International Business Certificate:

[L085/36090/0508.00*/52.1101]		Units
BUS 61	Introduction to Global Business	3
BUSL 410	International Business Law	3
BUSMKT 405	International Marketing	3

Plus three courses selected from the following:

BUS 49	Business Decisions Using Basic Quantitative Tools	3
BUS 60	Business Ethics	3
BUSL 28A	Business Law I	3
BUSL 435	The Law of Marketing and Business Competition	3
BUSMGT 40	Introduction to Management	3
BUSMGT 45	Small Business Ownership and Management	3
BUSMGT 48	Quality Management Principles	3
BUSMGT 436	Introduction to Logistics Management	3
BUSMKT 13	Professional Selling	3
BUSMKT 55	Advertising	3
BUSMKT 402	Introduction to Import/Export	3
ECON 1	Introduction to Economics (or ECON 2, Principles of Macroeconomics)	3

Total units for the certificate 18

In addition, we recommend that students take the following courses: At least two semesters of a foreign language, History course(s) in their area of interest, and Geography course(s) in their area of interest.

117	Programs of Study	Radiologic Technology	Modified courses required for Radiologic Technology AS program:
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Removed the following required courses:

RADTEC 40	Radiographic Clinical Education II	8
RADTEC 50*	Radiographic Clinical Education III	6
RADTEC 70	Radiographic Clinical Education V	11
RADTEC 81*	Radiographic Clinical Education VI	5

Added the following required courses:

RADTEC 41	Radiographic Clinical Education II	7
RADTEC 51*	Radiographic Clinical Education III	4.75
RADTEC 71	Radiographic Clinical Education V	10
RADTEC 82*	Radiographic Clinical Education VI	4

Total units for the major reduced from 72.5 units to 68.25 units.

Footnote changed to read:

*RADTEC-51 and 55 are offered during the 1st summer of the program; RADTEC-82 and 85 are offered during the 2nd summer.

Page #	Section	Heading	Change for Addendum
135	Course Descriptions	Business	Added new (reactivated) BUS course

**496ABCD Internships in Business (1, 2, 3, or 4)
(Degree-applicable)**

Hours: 60 hours/term (unpaid) or 75 hours/term (paid) on-site work experience for each unit of credit.

Grading: Pass/No Pass grade only.

Limitation on Enrollment: Consent of the Business Program Coordinator is required.

Supervised internship in cooperation with private, public, and/or non-profit sector employers. Designed to apply knowledge and learn new skills, directly related to the student's program of study, outside of the normal classroom environment. Placement is arranged through the instructor. Participation requirements may vary with the job setting. Occupational work experience courses may be repeated any number of times and in any unit combination not exceeding eight units per semester and sixteen units total for all types of work experience instruction. 0501.00*

179	Course Descriptions	Mathematics	Added new MATH course
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**17 Statway II (4)
(CSU)**

Hours: 64-72 lecture.

Grading: Letter grade only.

Prerequisite: Mathematics 415.*

The Statway path is a two-semester sequence recommended only for students following a non-STEM pathway. This course is the second semester of two in the Statway sequence. The course explores the concepts of probability and statistics with requisite algebraic topics integrated throughout. Statistics topics emphasize data analysis and include basic concepts of probability; confidence intervals; hypothesis tests for means, proportions, and variance; chi-squared tests; and ANOVA (Analysis of Variance). Statway students participate in collaborative group learning, develop skills to maintain a positive perspective towards learning, and engage in classroom activities that introduce statistical concepts and skills. Both courses in the sequence, Math 415* and 17, must be completed with a passing grade to receive credit for transfer-level statistics. 1701.00

*NOTE: MATH-415 will be replaced by MATH-417 beginning Fall 2018.

186	Course Descriptions	Nursing: Vocational	Modified the course description for NURVN-411
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**411 Advanced Medical-Surgical Nursing (7) [Cx]
(Degree-applicable)**

Hours: 126 lecture.

Grading: Letter grade only.

Limitation on Enrollment: Acceptance into the Vocational Nursing program, and successful completion of the second semester VN curriculum or equivalent.

Prerequisite: Nursing: Vocational 409 and 409L.

Corequisite: Nursing: Vocational 411L.

Discussion, demonstration, and application of the nursing process and developmental theory for the care of adult patients with diseases and disorders of the reproductive, hematologic, immune, and neurological systems. Emergency nursing, shock and bioterrorism, and care of the patient with cancer will also be emphasized. Includes 12 hours of related pharmacology content. 1230.20*