



Catalog Addendum 2015-2016



Catalog Update

The current Chabot College catalog covers the period 2014-2016. Chabot College will not produce a new catalog this year but, rather, this addendum which reflects all changes or corrections through Spring, 2015. It is anticipated that a fully revised college catalog will be produced in Spring 2016.

This catalog supplement should be used by students and staff along with the existing 2014-2016 catalog. Students are strongly encouraged to seek advice from the Counseling Division. Additional information and publications will be made available to students throughout the year as appropriate.

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Chabot College Program Level Student Learning Outcomes



As part of its accreditation, Las Positas College focuses on Student Learning Outcomes. Student Learning Outcomes, or SLOs, are the results or evidence of student learning. They demonstrate the extent to which student performance meets expectations of learning.

These results, to be collected at the course, program and college levels, will be shared widely and used for the improvement of teaching and learning and for the improvement of the college as a whole.

These are the current Program level Student Learning Outcomes. For more information, see the Student Learning Outcomes webpage at www.laspositascollege.edu/slo

Chabot College Overview

Division	Programs	Programs w/ PLOs Written	Discussed and Documented
Arts Humanities & Social Science	53	53 – 100%	53 – 100%
Applied Technology and Business	64	56 – 87.5%	47 – 73.4%
Counseling	9	9 – 100%	9 – 100%
Health Physical Education and Athletics	19	19 – 100%	10 – 52.6%
Language Arts	7	7 – 100%	7 – 100%
Library	1	1 – 100%	1 – 100%
Science and Math	13	13 – 100%	13 – 100%
Chabot	166	158 – 95.2%	140 – 84.3%



Chabot College Program-Level Outcomes (PLOs)

Program - Degree/ Certificate	Outcomes
Accounting – AS	<ol style="list-style-type: none"> 1. Understand and apply the generally accepted accounting principles to prepare financial statements. 2. Identify the basics of information technology and apply software applications to accounting transactions. 3. Create effective oral and written business communications using modern communication technologies. 4. Apply critical thinking and analytical skills in decision making and problem solving.
Administration of Justice – AA	<ol style="list-style-type: none"> 1. Evaluate and analyze criminal justice issues and topics using knowledge of criminal justice institutions, terminology, theory and ethical issues in crime and justice. 2. Understand the interdisciplinary nature of criminal justice and the varying perspectives of the liberal arts and sciences as related to law enforcement, courts, and corrections.
Administration of Justice – AS-T	<ol style="list-style-type: none"> 1. Evaluate and analyze criminal justice issues and topics using knowledge of criminal justice institutions, terminology, theory and ethical issues in crime and justice. 2. Understand the interdisciplinary nature of criminal justice and the varying perspectives of the liberal arts and sciences as related to law enforcement, courts, and corrections.
Administrative Assistant – AS	<ol style="list-style-type: none"> 1. Demonstrate knowledge of office application software and be able to apply the appropriate software to solve problems. 2. Organize, communicate and function in a business and office environment, using appropriate terminology and English skills. 3. Demonstrate proficiency in Microsoft Office Applications and keyboarding skills.
Administrative Assistant – Certificate of Achievement	<ol style="list-style-type: none"> 1. Demonstrate knowledge of office application software and be able to apply the appropriate software to solve problems. 2. Organize, communicate and function in a business and office environment, using appropriate terminology and English skills. 3. Demonstrate proficiency in Microsoft Office Applications and keyboarding skills.
Administrative Assistant Entrepreneur – Certificate of Proficiency	<ol style="list-style-type: none"> 1. Demonstrate knowledge of all core Microsoft Office programs. 2. Demonstrate knowledge of preparing a basic business plan with a core value proposition for an entrepreneurial venture. 3. Evaluate and solve the challenges faced by entrepreneurs.
Anthropology – AA	<ol style="list-style-type: none"> 1. Analyze human biological and cultural adaptations. In this context, evaluate the different factors that have affected, and are affecting humans biologically and culturally. 2. Analyze the factors that cause modern humans biological and cultural diversity, and demonstrate an appreciation for, and sensitivity to human biological and cultural diversity.
Anthropology – AA-T	<ol style="list-style-type: none"> 1. Analyze human biological and cultural adaptations. In this context, evaluate the different factors that have affected, and are affecting humans biologically and culturally. 2. Analyze the factors that cause modern humans biological and cultural diversity, and demonstrate an appreciation for, and sensitivity to human biological and cultural diversity.
Aquatics – Certificate of Achievement	<ol style="list-style-type: none"> 1. Demonstrate knowledge of using the equipment safely and effectively. 2. Develop the ability to track heart rate effectively for resting heart rate (RHR) and during the performance of exercise. 3. Demonstrate the biomechanics as they pertain to four competitive strokes; free style, backstroke, breaststroke, and butterflies.

Aquatics – Certificate of Proficiency	<ol style="list-style-type: none"> 1. Demonstrate knowledge of using the equipment safely and effectively. 2. Develop the ability to track heart rate effectively for resting heart rate (RHR) and during the performance of exercise. 3. Demonstrate the biomechanics as they pertain to four competitive strokes; free style, backstroke, breaststroke, and butterflies.
Architecture – AA	<ol style="list-style-type: none"> 1. Develop architectural and freehand skills. 2. Identify and explain the behavior appearance and use building materials. 3. Incorporate the basic Uniform Building Code requirements to construction drawings. 4. Describe and apply knowledge of the structural systems using wood, steel, masonry, and concrete.
Architecture – AS	<ol style="list-style-type: none"> 1. Develop computer drafting skills. 2. Develop advanced presentation skills. 3. Apply the basic Uniform Building Code requirements to residential and commercial drawings. 4. Use wood, truss, steel, masonry, and concrete to apply to structural systems.
Architecture – Certificate of Achievement	<ol style="list-style-type: none"> 1. Develop computer Rendering and drafting skills. 2. Develop advanced presentation skills in 3D forms and posters. 3. Incorporate Uniform Building Code requirements and City regulations to residential. 4. Use different materials such as wood, truss, steel, masonry, and concrete to apply to structural systems.
Art (General) – AA	<ol style="list-style-type: none"> 1. Demonstrate visual literacy and explain it in terms of the elements and principles of design. 2. Demonstrate an ability to work with the media (drawing, painting, clay, etc.) of the discipline.
Art History – AA	<ol style="list-style-type: none"> 1. Develop the ability to interpret artistic content through the analysis of subject matter and form. 2. Acquire a critical understanding of art in historical eras that accounts for changing cultural frameworks over time.
Art-Emphasis in Ceramics – AA	<ol style="list-style-type: none"> 1. Demonstrate visual literacy and explain it in terms of the elements and principles of design. 2. Demonstrate an ability to work with the media (drawing, painting, clay, etc.) of the discipline.
Art-Emphasis in Painting - AA	<ol style="list-style-type: none"> 1. Demonstrate visual literacy and explain it in terms of the elements and principles of design. 2. Demonstrate an ability to work with the media (drawing, painting, clay, etc.) of the discipline.
Art-Emphasis in Sculpture – AA	<ol style="list-style-type: none"> 1. Demonstrate visual literacy and explain it in terms of the elements and principles of design. 2. Demonstrate an ability to work with the media (drawing, painting, clay, etc.) of the discipline.
Astronomy – Discipline	<ol style="list-style-type: none"> 1. Understand and apply key principles of astronomy using applicable vocabulary; including employing the scientific method to organize, prioritize, and problem solve. Astronomy (10, 20). 2. Demonstrate knowledge of explaining how and where the human species fits into the immense, complex and ever-changing universe. Astronomy (10, 20). 3. Understand and apply key principles of observational and theoretical astronomy using applicable vocabulary and relating them to hands-on laboratory activities; including employing the scientific method to organize, prioritize, and problem solve.
Athletics – Discipline	<ol style="list-style-type: none"> 1. Evaluate, plan and create success as a participant on an athletic team. 2. Plan and implement an individual physical conditioning program prior to the sport season in order to be prepared to begin participation. 3. Demonstrate the ability to relate to teammates, coaches and the competitive atmosphere in a manner that enhances sportsmanship as well as their participation as well as the team environment.

Automotive Chassis Technology - Certificate of Achievement	<ol style="list-style-type: none"> 1. Demonstrate the expertise needed to perform vehicle maintenance, service, diagnosis, and repair of current vehicles. 2. Demonstrate the ability to perform automotive operations in a timely and professional manner with limited supervision. 3. Demonstrate an ethical code conforming to the highest standards of the automotive industry.
Automotive Drivetrain Technology – Certificate of Achievement	<ol style="list-style-type: none"> 1. Demonstrate the expertise needed to perform vehicle maintenance, service, diagnosis, and repair of current vehicles. 2. Demonstrate the ability to perform automotive operations in a timely and professional manner with limited supervision. 3. Demonstrate an ethical code conforming to the highest standards of the automotive industry.
Automotive Engine Machining – Certificate of Achievement	<ol style="list-style-type: none"> 1. Demonstrate the expertise needed to perform vehicle maintenance, service, diagnosis, and repair of current vehicles. 2. Demonstrate the ability to perform automotive operations in a timely and professional manner with limited supervision. 3. Demonstrate an ethical code conforming to the highest standards of the automotive industry.
Automotive Engine Performance Technology – Certificate of Achievement	<ol style="list-style-type: none"> 1. Demonstrate the expertise needed to perform vehicle maintenance, service, diagnosis, and repair of current vehicles. 2. Demonstrate the ability to perform automotive operations in a timely and professional manner with limited supervision. 3. Demonstrate an ethical code conforming to the highest standards of the automotive industry.
Automotive Maintenance Technology – Certificate of Achievement	<ol style="list-style-type: none"> 1. Demonstrate the expertise needed to perform vehicle maintenance, service, diagnosis, and repair of current vehicles. 2. Demonstrate the ability to perform automotive operations in a timely and professional manner with limited supervision. 3. Demonstrate an ethical code conforming to the highest standards of the automotive industry.
Automotive Technology – AS	<ol style="list-style-type: none"> 1. Demonstrate the expertise needed to perform vehicle maintenance, service, diagnosis, and repair of current vehicles. 2. Demonstrate the ability to perform automotive operations in a timely and professional manner with limited supervision. 3. Demonstrate an ethical code conforming to the highest standards of the automotive industry.
Automotive Technology (Emphasis in BMW Manufacture Training) – AS	<ol style="list-style-type: none"> 1. Demonstrate the expertise needed to perform vehicle maintenance, service, diagnosis, and repair of current BMW vehicles, and the confidence to perform automotive operations in a timely and professional manner with limited supervision. 2. Demonstrate an ethical code conforming to the highest standards of the automotive industry.
Automotive Technology Entrepreneur – Certificate of Proficiency	<ol style="list-style-type: none"> 1. Understand the fundamentals of automotive technology. 2. Articulate a core value proposition for an entrepreneurial venture. 3. Demonstrate how to prepare a high quality business plan for a new venture. 4. Evaluate and solve challenges faced by entrepreneurs.
Behavioral Science (General) – AA	<ol style="list-style-type: none"> 1. Demonstrate an understanding of the major theoretical perspectives included the behavioral sciences. 2. Demonstrate an understanding of research methods used in the behavioral sciences.
Biology – AA	<ol style="list-style-type: none"> 1. Perform experiments; collect, analyze, and report data. 2. Develop competency with standard equipment and techniques of biosciences. 3. Communicate scientific concepts by verbal, written, and graphic/illustrative means. 4. Collaborate with peers to perform experiments, maintain a safe laboratory environment, and discuss scientific concepts.

Biology-Emphasis in Allied Health – AA	<ol style="list-style-type: none"> 1. Explain the interdependence of molecular through organismal structure and function in both health and disease. 2. Acquire, conduct, analyze, and interpret data using scientific terminology, measurements, and protocols.
Bookkeeping – Certificate of Achievement	<ol style="list-style-type: none"> 1. Understand and apply the generally accepted accounting principles to prepare financial statements. 2. Identify the basics of information technology and apply software applications to accounting transactions. 3. Create effective oral and written business communications using modern communication technologies. 4. Apply critical thinking and analytical skills in decision making and problem solving.
Business – AS	<ol style="list-style-type: none"> 1. Understand and apply generally accepted accounting principles to prepare financial statements. 2. Develop understanding of the law and the legal environment as it relates to business operations, including ethical considerations. 3. Create effective oral and written business communications using modern communication technologies. 4. Apply critical thinking and analytical skills in decision making and problem solving.
Business Administration – AS-T	<ol style="list-style-type: none"> 1. Understand and apply generally accepted accounting principles to prepare financial statements. 2. Develop understanding of the law and the legal environment as it relates to business operations, including ethical considerations. 3. Create effective oral and written business communications using modern communication technologies. 4. Apply critical thinking and analytical skills in decision making and problem solving.
Business Graphics – Certificate of Proficiency	<ol style="list-style-type: none"> 1. Demonstrate skill and comprehension in respective subject areas as indicated by course outcomes. 2. Demonstrate the ability to think critically and apply knowledge of business graphics skills. 3. Develop knowledge of business graphics and web page design. 4. Develop knowledge of technological changes and select a current solution for a given problem.
Business Skills – Certificate of Proficiency	<ol style="list-style-type: none"> 1. Create effective oral and written business communications using modern communication technologies. 2. Develop “soft” skills to succeed in the workplace.
Business-Emphasis, Management – AS	<ol style="list-style-type: none"> 1. Understand and apply generally accepted accounting principles to prepare financial statements. 2. Develop understanding of the law and the legal environment as it relates to business operations, including ethical considerations. 3. Create effective oral and written business communications using modern communication technologies. 4. Apply critical thinking and analytical skills in decision making and problem solving.
Business-Emphasis, Marketing – AS	<ol style="list-style-type: none"> 1. Understand and apply generally accepted accounting principles to prepare financial statements. 2. Develop understanding of the law and the legal environment as it relates to business operations, including ethical considerations. 3. Create effective oral and written business communications using modern communication technologies. 4. Apply critical thinking and analytical skills in decision making and problem solving.

Business-Transfer – Certificate of Achievement	<ol style="list-style-type: none"> 1. Understand and apply generally accepted accounting principles to prepare financial statements. 2. Develop understanding of the law and the legal environment as it relates to business operations, including ethical considerations. 3. Create effective oral and written business communications using modern communication technologies. 4. Apply critical thinking and analytical skills in decision making and problem solving.
California State University General Education Breadth (CSU/GE Breadth) – Certificate of Achievement	<ol style="list-style-type: none"> 1. Develop effective speaking and writing skills. 2. Apply logic, reasoning and problem solving. 3. Develop creative and innovative abilities
Case Management for Human Services – Certificate of Proficiency	<ol style="list-style-type: none"> 1. Demonstrate an effective work in a human services environment. 2. Develop multicultural awareness and cultural competency needed to work in a social services setting along with computer literacy and medical terminology skills.
Chemistry – AS	<ol style="list-style-type: none"> 1. Apply the scientific method to experimentation, collect and analyze data and communicate findings in written and oral formats. 2. Demonstrate ability to think, reason, and communicate critically, analytically and abstractly.
Coaching – Certificate of Achievement	<ol style="list-style-type: none"> 1. Demonstrate knowledge of planning and implementing individual and team training plan prior to the season of sport. 2. Use sports training equipment in a specific and proper manner.
Coaching – Certificate of Proficiency	<ol style="list-style-type: none"> 1. Plan and implement a team and individual training plan. 2. Use sports training equipment in a specific and proper manner.
Communication Studies – AA-T	<ol style="list-style-type: none"> 1. Pursue and evaluate knowledge through the skills of inquiry, research and critical thinking. 2. Demonstrate effective skills in written and spoken communication.
Computer Networking Technology - Certificate of Proficiency in ICT Cloud Infrastructure	<ol style="list-style-type: none"> 1. Describe, configure, operate, and troubleshoot cloud ICT infrastructure. 2. Demonstrate effective oral and written communication skills.
Computer Networking Technology - Certificate of Proficiency in ICT Cloud Services	<ol style="list-style-type: none"> 1. Describe, configure, operate, and troubleshoot cloud ICT infrastructure. 2. Demonstrate effective oral and written communication skills.
Computer Networking Technology - Certificate of Proficiency in Information and Communication Technology	<ol style="list-style-type: none"> 1. Specify, install, configure, operate, troubleshoot, and modify information and communication technology systems. 2. Demonstrate oral and written communication skills.
Computer Science (Emphasis in Mathematics)– AA	<ol style="list-style-type: none"> 1. Demonstrate fluency in programming. 2. Demonstrate knowledge of at least one additional programming language besides C++.
Computer Science (Emphasis in Mathematics)– AS	<ol style="list-style-type: none"> 1. Demonstrate fluency in programming. 2. Demonstrate knowledge of at least one additional programming language besides C++.

Computer Science (General) – AA	<ol style="list-style-type: none"> 1. Demonstrate fluency in programming. 2. Demonstrate knowledge of at least one additional programming language besides C++.
Computer Science (General) – AS	<ol style="list-style-type: none"> 1. Demonstrate fluency in programming. 2. Demonstrate knowledge of at least one additional programming language besides C++.
Consumer Technology – Certificate of Achievement	<ol style="list-style-type: none"> 1. Demonstrate how to install, configure and troubleshoot home technology systems. 2. Demonstrate proficiency in configuring, troubleshooting, and updating personal computer systems. 3. Prepare a basic business plan with a core value proposition for an entrepreneurial venture. 4. Prepare high quality marketing plans for a new venture. 5. Evaluate and solve the challenges faced by entrepreneurs.
Consumer Technology Entrepreneur – Certificate of Proficiency	<ol style="list-style-type: none"> 1. Demonstrate how to install, configure and troubleshoot home technology systems. 2. Demonstrate proficiency in configuring, troubleshooting, and updating personal computer systems. 3. Prepare a basic business plan with a core value proposition for an entrepreneurial venture. 4. Prepare high quality marketing plans for a new venture. 5. Evaluate and solve the challenges faced by entrepreneurs.
Creative Writing – Certificate	<ol style="list-style-type: none"> 1. Demonstrate a body of quality creative work. 2. Evaluate and analyze a critical response to the creative writings of others.
Dental Hygiene – AA	<ol style="list-style-type: none"> 1. Demonstrate the highest professional knowledge, judgment & ability following the ADA Code of Ethics. 2. Perform self-assessment for life-long learning & professional growth. 3. Demonstrate how to acquire & synthesize information in a critical, scientific, & effective manner.
Digital Design – Certificate of Proficiency	<ol style="list-style-type: none"> 1. Create artistic concepts and themes in digital work. 2. Demonstrate strong craftsmanship (using industry standard software and technology) in creating digital work.
Digital Media – Certificate	<ol style="list-style-type: none"> 1. Create artistic concepts and themes in digital work. 2. Demonstrate strong craftsmanship (using industry standard software and technology) in creating digital work.
Discipline	<ol style="list-style-type: none"> 1. Formulate and apply research strategies to locate appropriate information to achieve, educational, professional and personal objectives. 2. Develop a lifelong ethic of learning.
Early Childhood Development – AA	<ol style="list-style-type: none"> 1. Create artistic concepts and themes in digital work. 2. Demonstrate strong craftsmanship (using industry standard software and technology) in creating digital work. 3. Demonstrate an understanding of child development theory, current research, and trends in the field, and their application to responsive practice in early care settings. 4. Demonstrate reflective practice in their work with young children by building awareness of self as teacher, child as learner, and early childhood pedagogy.
Early Childhood Development – AS-T	<ol style="list-style-type: none"> 1. Create artistic concepts and themes in digital work. 2. Demonstrate strong craftsmanship (using industry standard software and technology) in creating digital work. 3. Demonstrate an understanding of child development theory, current research, and trends in the field, and their application to responsive practice in early care settings. 4. Demonstrate reflective practice in their work with young children by building awareness of self as teacher, child as learner, and early childhood pedagogy.

Early Childhood Development (Associate Teacher) – Certificate of Proficiency	<ol style="list-style-type: none"> 1. Create artistic concepts and themes in digital work. 2. Demonstrate strong craftsmanship (using industry standard software and technology) in creating digital work.
Early Childhood Development (Basic Teacher) – Certificate of Achievement	<ol style="list-style-type: none"> 1. Create artistic concepts and themes in digital work. 2. Demonstrate strong craftsmanship (using industry standard software and technology) in creating digital work.
Early Childhood Intervention – AA	<ol style="list-style-type: none"> 1. Create artistic concepts and themes in digital work. 2. Demonstrate strong craftsmanship (using industry standard software and technology) in creating digital work. 3. Identifying children who may have special needs and connecting those children and families to resources in their school and community. 4. Understands and implements requirements regarding parents' rights under the individuals with Disabilities Education Act (IDEA), American's with Disabilities Act (ADA) state law.
Early Childhood Intervention Assistant - Certificate of Achievement	<ol style="list-style-type: none"> 1. Create artistic concepts and themes in digital work. 2. Demonstrate strong craftsmanship (using industry standard software and technology) in creating digital work.
Economics – Discipline	
Electronic Systems Technology – AS	<ol style="list-style-type: none"> 1. Understand how to specify, install, program, operate, troubleshoot, and modify electronics systems. 2. Demonstrate effective skills in written and spoken communication.
Electronic Systems Technology - Certificate of Achievement in Consumer Electronics Technology	<ol style="list-style-type: none"> 1. Understand how to specify, install, program, operate, troubleshoot, and modify electronics systems. 2. Demonstrate effective skills in written and spoken communication.
Electronic Systems Technology - Certificate of Achievement in Industrial Electronics Technology	<ol style="list-style-type: none"> 1. Understand how to specify, install, program, operate, troubleshoot, and modify electronics systems. 2. Demonstrate effective skills in written and spoken communication.
Engineering – AS	<ol style="list-style-type: none"> 1. Demonstrate an ability to apply knowledge of mathematics, science, and engineering. 2. Demonstrate an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
English-Emphasis in Literature – AA	<ol style="list-style-type: none"> 1. Demonstrate an ability to read and understand complex academic texts. 2. Demonstrate a critical response to the ideas and information in academic texts.
Entrepreneurship - Certificate of Proficiency	<ol style="list-style-type: none"> 1. Identify and evaluate new business opportunities. 2. Prepare high quality marketing and business plans for a new venture. 3. Demonstrate new business idea to potential investors and partners, both orally and in writing. 4. Evaluate and solve the challenges faced by entrepreneurs.
Environmental Studies - AA	<ol style="list-style-type: none"> 1. Create artistic concepts and themes in digital work. 2. Demonstrate strong craftsmanship (using industry standard software and technology) in creating digital work.

Ethnic Studies - AA	<ol style="list-style-type: none"> 1. Demonstrate knowledge of diverse racial/ethnic groups and their cultures. 2. Understanding how major institutions, such as family, media, education, and government influence the experiences and opportunities of racial/ethnic groups.
Fitness Instructor - Certificate of Achievement	<ol style="list-style-type: none"> 1. Demonstrate an understanding of heart rate. 2. Demonstrate an ability to correctly perform a dead lift. 3. Demonstrate an ability to correct, perform, and teach a clean.
Fitness Instructor - Certificate of Proficiency	<ol style="list-style-type: none"> 1. Demonstrate a knowledge of human development and its relationship fitness. 2. Evaluate pre and post fitness level utilizing a variety of fitness testing methods.
French - AA	<ol style="list-style-type: none"> 1. Demonstrate proficiency in understanding and using, orally, the grammatical structures presented and vocabulary assigned. 2. Demonstrate proficiency in understanding and using, in writing, the grammatical structures presented and vocabulary assigned.
Geographic Information Systems - Certificate of Proficiency	<ol style="list-style-type: none"> 1. Identify significant spatial relationships and patterns in society including interactions between humans and their natural environment. 2. Demonstrate competency in techniques of spatial overlay of themes, design and production of map layouts, graphical presentation of spatially distributed data, and analysis of geocoded database information.
Geography - AA	<ol style="list-style-type: none"> 1. Demonstrate knowledge of global physical and environmental processes, locations and develop an appreciation of landscapes. 2. Assemble and analyze spatial information (maps, data, surveys, qualitative observations, etc.), using traditional and modern mapping technology methods.”
Geography - AA-T	<ol style="list-style-type: none"> 1. Demonstrate knowledge of global physical and environmental processes, locations and develop an appreciation of landscapes. 2. Assemble and analyze spatial information (maps, data, surveys, qualitative observations, etc.), using traditional and modern mapping technology methods.”
Graphic Design - AA	<ol style="list-style-type: none"> 1. Create artistic concepts and themes in digital work. 2. Demonstrate strong craftsmanship (using industry standard software and technology) in creating digital work.
Graphic Design - Certificate of Proficiency	<ol style="list-style-type: none"> 1. Create artistic concepts and themes in digital work. 2. Demonstrate strong craftsmanship (using industry standard software and technology) in creating digital work.
Health and Nutrition – Discipline	<ol style="list-style-type: none"> 1. Understand and apply a plan of action for a healthy behavior change. 2. Evaluate and formulate physiological and psychological behaviors of sexual health. 3. Understand and apply plan dietary changes necessary to improve personal diet.
Health Care Management - Certificate of Achievement	<ol style="list-style-type: none"> 1. Identify and analyze unique legal issues in health care, including HIPAA (patient privacy laws and regulations), Medicare and Medicaid reimbursement requirements, negligence/malpractice issues, advance directives, and employment law for medical staff and independent contractors. 2. Apply effective management approaches in health care organizations, including organizational structure and governance, information technology, facilities and guest services, planning, marketing and strategy. 3. Create effective oral and written business communications using modern communication technologies. 4. Identify and analyze financial structures of both for profit and non-profit healthcare organizations.
History – Discipline	<ol style="list-style-type: none"> 1. Synthesize factual information and historical evidence from a variety of sources and identify the connections between them. 2. The students will Demonstrate a body of knowledge about and critical understanding of historical eras, their key events and ideas, and the process of change over time.

<p>Human Resources Assistant - Certificate of Achievement</p>	<ol style="list-style-type: none"> 1. Understand and apply knowledge of human resources to a modern organization, including employment laws, staffing, compensation, training, development, workforce evaluation, motivation, and labor relationships. 2. Create effective oral and written business communications using modern communication technologies. 3. Identify the basics of information technology and apply software applications to manage of human resources.
<p>Human Services (See also Case Management and Multicultural Awareness) - AA</p>	<ol style="list-style-type: none"> 1. Demonstrate an understanding and provide an overview of the field of human and social services in both the public and private sector. 2. Demonstrate cultural awareness and sensitivity needed to respectfully serve the diverse service population. 3. Demonstrate the ability to assess the needs of clients and provide appropriate referrals for them. 4. Demonstrate the ability to use introspection to increase self-awareness. 5. Demonstrate appropriate boundaries and the ability to make ethical decisions.
<p>Human Services (See also Case Management and Multicultural Awareness) - AS</p>	<ol style="list-style-type: none"> 1. Demonstrate an understanding and provide an overview of the field of human and social services in both the public and private sector. 2. Demonstrate cultural awareness and sensitivity needed to respectfully serve the diverse service population. 3. Demonstrate the ability to assess the needs of clients and provide appropriate referrals for them. 4. Demonstrate the ability to use introspection to increase self-awareness. 5. Demonstrate appropriate boundaries and the ability to make ethical decisions.
<p>Humanities (General) - AA</p>	<ol style="list-style-type: none"> 1. Demonstrate an understanding between the arts as personal expression and the arts as socially transformative. 2. Demonstrate an understanding of both objective and subjective responses to a work of art (literary, performing, or fine).
<p>Illustration - Certificate</p>	<ol style="list-style-type: none"> 1. Create artistic concepts and themes in digital work. 2. Demonstrate strong craftsmanship (using industry standard software and technology) in creating digital work.
<p>Inspection and Pipe Welding - Certificate of Proficiency</p>	<ol style="list-style-type: none"> 1. Demonstrate proficiency required form advanced; manufacturing, fabrication, and maintenance welding tasks compatible with the industrial norms for higher skilled workforce. They should be able to either skills and knowledge professional manner under minimum to no supervision. 2. Pass the American Welding Society (A.W.S.) test and the appropriate areas of study.
<p>Interior Design - AS</p>	<ol style="list-style-type: none"> 1. Develop functional interior spaces. 2. Demonstrate proficiency in drawing appropriate floor plans.
<p>Interior Design - Certificate of Achievement</p>	<ol style="list-style-type: none"> 1. Develop functional interior spaces. 2. Demonstrate proficiency in drawing appropriate floor plans.
<p>International Studies - AA</p>	<ol style="list-style-type: none"> 1. Develop a strong comprehension of international politics and U.S. foreign policy. 2. Encourage active engagement with international affairs current events. 3. Ability to link international developments to national politics and elections, and the everyday activities of individuals.
<p>Intersegmental General Ed Transfer Curriculum (IGETC) - Certificate of Achievement</p>	<ol style="list-style-type: none"> 1. Develop effective speaking and writing skills. 2. Understand and apply logic, reasoning and problem solving. 3. Develop creative and innovative abilities.

Japanese – Discipline	<ol style="list-style-type: none"> 1. Demonstrate proficiency in understanding and using, orally, the grammatical structures presented and vocabulary assigned. 2. Demonstrate proficiency in understanding and using, in writing, the grammatical structures presented and vocabulary assigned.
Journalism - AA	<ol style="list-style-type: none"> 1. Apply knowledge and understanding of the Internet, including various databases in order to independently conduct the research they need to produce credible and well constructed content for publication. 2. Demonstrate knowledge of a broad range of equipment, software, trends, changes and tools needed to be successful in the journalism field. 3. Demonstrate critical understanding of journalism practices, including facts, standards, conventions, and principles, including critical understanding of internal and external forces affecting their operation.
Journalism - AA-T	<ol style="list-style-type: none"> 1. Apply knowledge and understanding of the Internet, including various databases in order to independently conduct the research they need to produce credible and well constructed content for publication. 2. Demonstrate knowledge of a broad range of equipment, software, trends, changes and tools needed to be successful in the journalism field. 3. Demonstrate critical understanding of journalism practices, including facts, standards, conventions, and principles, including critical understanding of internal and external forces affecting their operation.
Kinesiology - AA-T	<ol style="list-style-type: none"> 1. Demonstrate an understanding of health and wellness information using the scientific method, scientific research and established knowledge. 2. Utilize knowledge to design, develop, and implement an effective personalized fitness program. 3. Understand movement as it applies to physical activity to create efficiency of psychomotor skills and achieve maximum benefits in that activity.
Kitchen and Bath Design - Certificate of Achievement	<ol style="list-style-type: none"> 1. Develop and design functional kitchen and bath spaces. 2. Draw appropriate floor plans and elevations per NKBA requirements. 3. Apply materials and color selections for Kitchen and Bath spaces. 4. Demonstrates an understanding of professional requirements.
Liberal Arts - AA	<ol style="list-style-type: none"> 1. Develop effective speaking and writing skills. 2. Apply logic, reasoning and problem solving. 3. Develop creative and innovative abilities.
Liberal Studies-Elementary Teacher Preparation - AA-T	<ol style="list-style-type: none"> 1. Develop effective speaking and writing skills. 2. Apply logic, reasoning and problem solving. 3. Develop creative and innovative abilities.
LVN to RN Nursing Program - AA	<ol style="list-style-type: none"> 1. Incorporate the core of knowledge unique to the nursing profession in the delivery of health care in acute, chronic, or community health settings; 2. Utilize the nursing process to provide care for clients, families and significant others with diverse health needs and practices; 3. Respond to the demands of rapidly changing information technology by incorporating computer literacy in health care delivery and utilizing the internet for research.
Machine Tool Technology - AS	<ol style="list-style-type: none"> 1. Demonstrate the expertise needed to fabricate machined parts in a timely and professional manner with minimal supervision. 2. Demonstrate the expertise needed to create parts, drawings, and assemblies using SolidWorks design software.
Machinist - Certificate of Achievement	<ol style="list-style-type: none"> 1. Demonstrate the expertise needed to fabricate machined parts in a timely and professional manner with minimal supervision. 2. Demonstrate the ability to create basic CNC machine tool setups.

Management - Certificate of Achievement	<ol style="list-style-type: none"> 1. Understand and apply generally accepted accounting principles to prepare financial statements. 2. Develop understanding of the law and the legal environment as it relates to business operations, including ethical considerations. 3. Create effective oral and written business communications using modern communication technologies. 4. Apply critical thinking and analytical skills in decision making and problem solving.
Marketing - Certificate of Achievement	<ol style="list-style-type: none"> 1. Understand and apply generally accepted accounting principles to prepare financial statements. 2. Develop understanding of the law and the legal environment as it relates to business operations, including ethical considerations. 3. Create effective oral and written business communications using modern communication technologies. 4. Apply critical thinking and analytical skills in decision making and problem solving.
Mass Communications - AA	<ol style="list-style-type: none"> 1. Demonstrate knowledge of the history, processes, and instruction of a variety of media, including the ability to exercise critical judgment in the evaluation of media productions. 2. Demonstrate through projects that with the power of a communicator comes more and ethical responsibility.
Mathematics - AA	<ol style="list-style-type: none"> 1. (Critical Thinking) Analyze mathematical problems critically using logical methodology. 2. (Communication) Communicate mathematical ideas, understand definitions, and interpret concepts. 3. (Development of the Whole Person) Increase confidence in understanding mathematical concepts, communicating ideas and thinking analytically.
Mathematics - AS	<ol style="list-style-type: none"> 1. (Critical Thinking) Analyze mathematical problems critically using logical methodology. 2. (Communication) Communicate mathematical ideas, understand definitions, and interpret concepts. 3. (Development of the Whole Person) Increase confidence in understanding mathematical concepts, communicating ideas and thinking analytically.
Mathematics - AS-T	<ol style="list-style-type: none"> 1. (Critical Thinking) Analyze mathematical problems critically using logical methodology. 2. (Communication) Communicate mathematical ideas, understand definitions, and interpret concepts. 3. (Development of the Whole Person) Increase confidence in understanding mathematical concepts, communicating ideas and thinking analytically.
Medical Assisting - AA	<ol style="list-style-type: none"> 1. Prepare competent entry-level professional medical assistance in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains. 2. Respond to the demand of the rapidly changing information technology by incorporating computer literacy in health care to include electronic health records and electronic practice management. 3. Use critical thinking skills in managing care of patients. 4. Acquire and practice the skills for the Certified Medical Assistant examination (CMA-AAMA).
Medical Assisting - Certificate of Achievement	<ol style="list-style-type: none"> 1. Prepare competent entry-level professional medical assistance in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains. 2. Respond to the demand of the rapidly changing information technology by incorporating computer literacy in health care to include electronic health records and electronic practice management. 3. Use critical thinking skills in managing care of patients. 4. Acquire and practice the skills for the Certified Medical Assistant examination (CMA-AAMA).
Multicultural Awareness/ Relations for the Service Provider - Certificate of Proficiency	<ol style="list-style-type: none"> 1. Demonstrate an understanding and provide an overview of the field of human and social services in both the public and private sector. 2. Demonstrate cultural awareness and sensitivity needed to respectfully serve the diverse service population. 3. Demonstrate the ability to use introspection to increase self-awareness.

Multicultural Awareness/ Self-Reflection - Certificate of Proficiency	<ol style="list-style-type: none"> 1. Demonstrate cultural awareness and sensitivity needed to respectfully serve the diverse service population. 2. Demonstrate the ability to use introspection to increase self-awareness.
Museum Studies - AA	<ol style="list-style-type: none"> 1. Develop an understanding and appreciation for the important social and cultural functions of museums of all types. 2. Acquire and practice the skills needed by a range of museum professionals.
Music - AA-T	<ol style="list-style-type: none"> 1. Examine music as a form of expression that reflects personal creativity as well as social, historical, political, religious and cultural changes and influences. 2. Examine and discuss music in relationship to other forms of human expression, including art, architecture, philosophy, religion, and politics. 3. Demonstrate proficiency in communication technologies for the purposes of research, composition, listening, performance, recording, and cross-discipline collaboration.
Music Industry Entrepreneur - Certificate of Proficiency	<ol style="list-style-type: none"> 1. Understand and solve the challenges of self-employment in the music industry. 2. Understand and create a core value proposition for an entrepreneurial venture. 3. Prepare a high quality business plan for a new venture. 4. Effectively navigate the unique legal issues of the music business. 5. Demonstrate proficiency in the fundamentals of music recording.
Numerical Control - AS	<ol style="list-style-type: none"> 1. Demonstrate the expertise needed to fabricate setup, program, and machine parts manually and on numerically controlled lathes and milling machines in a timely and professional manner with minimal supervision. 2. Demonstrate the expertise needed to turn parts using both manual and CNC equipment.
Numerical Control Programmer (Machinist) - Certificate of Achievement	<ol style="list-style-type: none"> 1. Demonstrate the expertise needed to fabricate setup, program, and machine parts manually and on numerically controlled lathes and milling machines in a timely and professional manner with minimal supervision. 2. Demonstrate the expertise needed to turn parts using both manual and CNC equipment.
Nursing - AA	<ol style="list-style-type: none"> 1. Incorporate the core of knowledge unique to the nursing profession in the delivery of health care in acute, chronic, or community health settings. 2. Utilize the nursing process to provide care for clients, families and significant others with diverse health needs and practices. 3. Respond to the demands of rapidly changing information technology by incorporating computer literacy in health care delivery and utilizing the internet for research. 4. Use critical thinking skills in decisions related to managing care for groups of clients. 5. Practice within the profession's ethical and legal framework.
Nursing Program, LVN to RN - AA	<ol style="list-style-type: none"> 1. Incorporate the core of knowledge unique to the nursing profession in the delivery of health care in acute, chronic, or community health settings. 2. Utilize the nursing process to provide care for clients, families and significant others with diverse health needs and practices. 3. Respond to the demands of rapidly changing information technology by incorporating computer literacy in health care delivery and utilizing the internet for research. 4. Use critical thinking skills in decisions related to managing care for groups of clients. 5. Practice within the profession's ethical and legal framework;
Office Technology - Certificate of Achievement	<ol style="list-style-type: none"> 1. Recognize and apply appropriate information and hardware technology to achieve organizational goals. 2. Demonstrate the ability to think critically and analyze problems. 3. Demonstrate the ability to choose appropriate hardware and software and apply information and technology to achieve organizational goals. Demonstrate the ability to keyboard proficiently. 4. Demonstrate the ability to communicate effectively in an office environment.

Office Technology - Certificate of Proficiency	<ol style="list-style-type: none"> 1. Recognize and apply appropriate information and hardware technology to achieve organizational goals. 2. Demonstrate how to organize, communicate and function in a business and office environment. Demonstrate the ability to think critically and analyze problems. 3. Demonstrate Proficiency in Microsoft Office Applications.
PE and Activities – Discipline	<ol style="list-style-type: none"> 1. Demonstrate an appreciation of the relationship between movement, health and wellness. 2. Utilize the proper equipment and knowledge to design, develop, and implement an effective personalized fitness program. 3. Understand movement and skill development as it relates to physical activity.
Personal Fitness Training Entrepreneur - Certificate of Proficiency	<ol style="list-style-type: none"> 1. Ability to provide individualized training programs. 2. Demonstrate proficiency in preparing a basic business plan with a core value proposition for an entrepreneurial venture. 3. Create high quality marketing plans for a new venture. 4. Evaluate and analyze the challenges of self-employment in the personal fitness training industry. B122B1B124:B128
Photography - AA	<ol style="list-style-type: none"> 1. Demonstrate technical competency in the operation of a camera. 2. Demonstrate technical competency making a photographic print. 3. Effectively communicate a unique vision through personal artistic expression and conceptual meaning. 4. Ability to discuss photography in terms of technical merit, aesthetic value, and conceptual meaning.
Photography - Certificate of Proficiency	<ol style="list-style-type: none"> 1. Demonstrate technical competency in the operation of a camera. 2. Demonstrate technical competency making a photographic print. 3. Effectively communicate a unique vision through personal artistic expression and conceptual meaning. 4. Ability to discuss photography in terms of technical merit, aesthetic value, and conceptual meaning.
Physical Education - AA	<ol style="list-style-type: none"> 1. Demonstrate critical thinking skills within the context of exercise, health, and wellness. 2. Utilize the proper equipment and knowledge to design and implement a personalized this program.
Physics – Discipline	<ol style="list-style-type: none"> 1. Demonstrate how to read, diagram and solve qualitatively and quantitatively key physics applications aided by correct and efficient lab experiments using industry standard equipment. 2. Effectively, efficiently, and correctly run lab experiments using industry standard equipment. 3. Demonstrate an understanding of experimentation and real world applications within the scientific method as well as a mastery of physics lab experiments through the submission of a complete lab report with all required elements present.
Political Science - AA-T	<ol style="list-style-type: none"> 1. Develop analytical capacities so that students are able to analyze complex local, domestic, and international political events. 2. Familiarize students with the issues surrounding the exercise of political power.
Psychology - AA-T	<ol style="list-style-type: none"> 1. Demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and historical trends in psychology. 2. Respect and use critical and creative thinking, skeptical inquiry, and, when possible, the scientific approach to solve problems related to behavior and mental processes.
Radio and Television Broadcasting - AA	<ol style="list-style-type: none"> 1. Understand the development of the different types of productions created for television. 2. Use the current technology of television to develop and produce broadcast content.

Real Estate - AA	<ol style="list-style-type: none"> 1. Identify and explain duties and obligations and legal aspect of real estate. 2. Acquire and practice skills to pass state licensing exam and a career thereafter. 3. Identify opportunities and strategies for successful real estate ventures
Real Estate - Certificate of Achievement	<ol style="list-style-type: none"> 1. Identify and explain duties and obligations and legal aspect of real estate. 2. Acquire and practice skills to pass state licensing exam and a career thereafter.
Real Estate - Certificate of Proficiency	<ol style="list-style-type: none"> 1. Identify and explain duties and obligations and legal aspect of real estate. 2. Acquire and practice skills to pass state licensing exam and a career thereafter. 3. Identify opportunities and strategies for successful real estate ventures
Real Estate Entrepreneur - Certificate of Proficiency	<ol style="list-style-type: none"> 1. Ability to prepare for the challenges of self-employment or business ownership in the real estate industry. 2. Prepare a basic business plan with a core value proposition for an entrepreneurial venture. 3. Students are prepared for the real estate licensing exam, and to be an effective realtor.
Retail Management - AS	<ol style="list-style-type: none"> 1. Understand and apply practices used in the management of retail stores. 2. Identify the basics of information technology and apply software applications to enhance efficiency of business functions. 3. Create effective oral and written business communications using modern communication technologies. 4. Apply critical thinking and analytical skills in decision making and problem solving.
Retail Management - Certificate of Achievement	<ol style="list-style-type: none"> 1. Understand and apply practices used in the management of retail stores. 2. Identify the basics of information technology and apply software applications to enhance efficiency of business functions. 3. Create effective oral and written business communications using modern communication technologies. 4. Apply critical thinking and analytical skills in decision making and problem solving.
Retailing - Certificate of Proficiency	<ol style="list-style-type: none"> 1. Understand and apply practices used in the management of retail stores. 2. Identify the basics of information technology and apply software applications to enhance efficiency of business functions. 3. Create effective oral and written business communications using modern communication technologies. 4. Apply critical thinking and analytical skills in decision making and problem solving.
Sign Language – Discipline	<ol style="list-style-type: none"> 1. Demonstrate the basic knowledge of ASL. 2. Demonstrate the ability to communicate using the vocabulary learned in class.
Small Business Management - Certificate of Achievement	<ol style="list-style-type: none"> 1. Apply management principles to the selection, establishment, and operation of a small business. 2. Use accounting principles to prepare financial reports for a small business both manually and using software. 3. Develop understanding of the law and the legal environment as it relates to small business operations.
Social Science (General) - AA	<ol style="list-style-type: none"> 1. Students are expected to demonstrate critical understanding of the structure of, and connections between, cultural and social groups historically and in current conditions. 2. Students are expected to develop the ability to employ conceptual frameworks of analysis to understand and evaluate social, cultural, economic, and/or political systems in the United States and abroad.
Sociology - AA-T	<ol style="list-style-type: none"> 1. Compare and contrast social structures (such as families, race/ethnic groups, religions) using the sociological perspective. 2. Use culture as a social construct to explain social phenomena.

Software Specialist - AS	<ol style="list-style-type: none"> 1. Recognize and apply appropriate information and hardware technology to achieve organizational goals. 2. Demonstrate and apply appropriate software applications to achieve organizational goals. 3. Understand basic hardware and software functions of a computer. Develop knowledge of technology applicable to the field, and proficiency in appropriate software. 4. Demonstrate knowledge of technology applicable to the field, and proficiency in appropriate software.
Software Specialist - Certificate of Achievement	<ol style="list-style-type: none"> 1. Recognize and apply appropriate information and hardware technology to achieve organizational goals. 2. Demonstrate and apply appropriate software applications to achieve organizational goals. 3. Understand basic hardware and software functions of a computer. Develop knowledge of technology applicable to the field, and proficiency in appropriate software. 4. Demonstrate knowledge of technology applicable to the field, and proficiency in appropriate software.
Spanish - AA	<ol style="list-style-type: none"> 1. Demonstrate proficiency in understanding and using, orally, the grammatical structures presented and vocabulary assigned. 2. Demonstrate proficiency in understanding and using, in writing, the grammatical structures presented and vocabulary assigned.
Speech Communication - AA	<ol style="list-style-type: none"> 1. Pursue and evaluate knowledge through the skills of inquiry, research and critical thinking. 2. Demonstrate effective skills in written and spoken communication.
Sports Injury Care - Certificate of Achievement	<ol style="list-style-type: none"> 1. Understand, implement safety, prevention, and treatment of athletic injury. 2. Be able to assess a sprain or strain related to athletic injury.
Sports Injury Care - Certificate of Proficiency	<ol style="list-style-type: none"> 1. Understand and demonstrate knowledge of the difference between a sprain and a strain. 2. Be able properly hate and ankle, and elbow, and a knee.
Studio Arts - AA-T	<ol style="list-style-type: none"> 1. Demonstrate visual literacy and explain it in terms of the elements and principles of design. 2. Demonstrate an ability to work with media (drawing, painting, clay, etc.) of each discipline.
Theater Arts/ Theatre Arts - AA	<ol style="list-style-type: none"> 1. Develop and implement pedagogical strategies to achieve it. 2. Refine their curricula and pedagogy to strengthen these student skills. 3. Explore their creative ideas, and this confidence leads to myriad educational goals, not the least is to complete their goals at Chabot and move into the next stage of their lives.
Theater Arts/ Theatre Arts - AA-T	<ol style="list-style-type: none"> 1. Faculty develop and implement pedagogical strategies to achieve it. 2. Refine their curricula analysis of material with the more instinctive, fresh, creative impulses used in response to dramatic material. 3. Explore their creative ideas, and this confidence leads to myriad educational goals, not the least is to complete their goals at Chabot and move into the next stage of their lives.
Tool Maker - Certificate of Achievement	<ol style="list-style-type: none"> 1. Demonstrate the expertise needed to fabricate machined parts in a timely and professional manner with minimal supervision. 2. Demonstrate the ability to create basic CNC machine tool setups.
Welding - Certificate of Proficiency	<ol style="list-style-type: none"> 1. Demonstrate the qualifications needed to gain interim welding positions required by the; manufacturing, fabrication, maintenance and construction industrial activities. They should be able to apply their skills and knowledge in a professional manner under supervision. 2. Pass the American Welding Society (A.W.S) tests in the appropriate areas of study.
Welding Technology - AS	<ol style="list-style-type: none"> 1. Demonstrate the proficiency needed to perform; manufacturing, fabrication, maintenance and construction tasks to be in compliance with the industrial norms, codes and standards. They should be able to apply their skills and knowledge in a professional manner under minimum to no supervision. 2. Pass the American Welding Society (A.W.S) tests in the appropriate areas of study.



Chabot College
GRADUATION REQUIREMENTS
ASSOCIATE IN SCIENCE
2015-2016

EFFECTIVE FALL 2015, SPRING 2016, SUMMER 2016



A student is eligible for graduation with the ASSOCIATE IN SCIENCE DEGREE after completing all General Education requirements and all MAJOR requirements, plus electives (if necessary) to total 60 semester units of work with a cumulative grade point average of 2.0 or better. All classes in the major have to be completed with a "C" grade of higher or "P" (Title V:55063) The General Education and Graduation Requirements for the Associate in Arts Degree are listed on this flyer.

DEGREE PROGRAMS USING THE ASSOCIATE IN SCIENCE GENERAL EDUCATION PATTERN

<p>Accounting Administrative Assistant Architecture Automotive Technology Automotive Technology – BMW Business –General Business-Emphasis, Management Business-Emphasis, Marketing</p>	<p>Chemistry Computer Science (General) Computer Science–Math Electronic Systems Technology Engineering Fire Technology Fire Prevention Inspector Human Services</p>	<p>Industrial Technology Interior Design Machine Tool Technology Mathematics Numerical Control Retail Management Software Specialist Welding Technology</p>
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GENERAL EDUCATION AND GRADUATION REQUIREMENTS CHECK List

Area A: LANGUAGE & RATIONALITY	<i>Completed</i>
A.1. English Composition	3 units []
A.2. Communications & Analytical Thinking	3 units []
Area B: NATURAL SCIENCE	3 units []
Area C: HUMANITIES	3 units []
Area D: SOCIAL & BEHAVIORAL SCIENCES	3 units []
Area E: WELLNESS	
Areas of Health and Physical Education	1 unit []
American Cultures (grade of "C" or higher is required) - Course can be counted in appropriate GE area	[]
Math Proficiency (grade of "C" or higher is required). Units can be counted in Communication and Analytical Thinking -Area A.3.	[]

See the back for the list of courses to satisfy each area. Except for American Cultures and Math Proficiency, courses may be used in only one area.

ADDITIONAL GRADUATION REQUIREMENTS:

1. All requirements for the major must be met with a grade of 'C' or 'P' or higher, plus electives to total 60 semester units, overall GPA of 2.0 or better is necessary. Title V: 55063)
2. In reference to unit requirements the Title V regulations state that at least 12 semester units must be completed in residence at the college granting the degree.
3. CHABOT RESIDENCY REQUIREMENT: Students earning a certificate, AA or AS Degree in an Occupational Technical area must complete a minimum of 12 units in residency at Chabot College within the major or certificate program. Students in articulated degree transfer or Liberal Arts programs will need a total of 12 units in residency at Chabot College in general education, major and/or elective courses. See Engineering major for specific residency requirements.
4. All courses in the major need to have at least a grade of "C" or "P" or higher. There are limitations on the number of "P" units allowed for the degree. See the catalog.
5. All official college transcripts from other colleges must be submitted to the Admissions and Records Office before a graduation evaluation may be completed.

OTHER GRADUATION INFORMATION:

1. Commencement exercises are held in late May or early June. All students receiving degrees during the current academic year are cordially invited to participate.
2. Students may receive degrees or certificates at the end of any semester or the summer session. Students must petition no later than the fifth instructional week of the semester in which they plan to complete the requirements. The "Request for course evaluation for AA/AS degree or certificate" forms are available at the Admission & Records Office or on the website.

The material in this publication has been prepared from the 2014-16 catalog. However, Chabot College does not assume responsibilities for inaccuracies or changes in the information contained herein after the date of publication. *(rev 5/12/15 dg)*

AS

15-16

CHABOT COLLEGE – General Education & Graduation Requirements for ASSOCIATE IN SCIENCE DEGREE Effective Fall 2015, Spring 2016, Summer 2016

USE THE BOXES AT THE RIGHT TO RECORD YOUR PROGRESS: C=COMPLETED IP=IN PROGRESS N=NEED
C IP N

LANGUAGE AND RATIONALITY							
A.1. ENGLISH COMPOSITION Complete 1 course from below with a grade of "C" or higher (<i>Title V §55063</i>)			3 units				
English 1A							
A.2. Communication and Analytical Thinking Complete 1 course from below (*may be used to fulfill one area only)			3 units				
Business 14, 16, 31 Chinese 1A*, 1B* Communication Studies 1, 2*, 10, 11*, 20, 46 Computer Application Systems 50, 92A, 92B, 92C, 92D Computer Science 8, 10, 14, 15, 19A English 70	Entrepreneurship 30 French 1A*, 1A1*, 1A2*, 1B*, 1B1*, 1B2*, Geography 20*, 21*, 22* German 1A*, 1B* History 5*, 12* Industrial Technology 74 Italian 1A*, 1B*	Japanese 1A*, 1B* Mass Communications 43, 44 Mathematics 1, 2, 15, 16, 20, 31, 33, 36, 37, 40, 41 43, 47, 53, 53A, 53B, 54, 54L, 55, 55L, 57, 65, 65L Psychology 5 Spanish 1A*, 1A1*, 1A2*, 1B*, 1B1*, 1B2* Theater 3, 7*					
B. NATURAL SCIENCES Complete 1 course from below. (<i>A lab is not a requirement, however, underlined courses denote a lab</i>) (*may be used to fulfill one area only)			3 units				
Anatomy 1 Anthropology 1*, 1L, 13 Astronomy 10, 20, 30 Biology 2, 4, 6, 10, 25, 31, 50 Biotechnology 20, 30, 40	Chemistry 1A, 8, 10, 30A, 30B, 31 Environmental Science 10, 11, 12 Geography 1*, 1L, 8, 13, 20*, 21*, 22* Kinesiology 2 Microbiology 1	Physical Science 15 Physics 2A, 3A, 3B, 4A, 4B, 4C, 5, 11 Physiology 1 Psychology 4*					
C. HUMANITIES Complete 1 course from below (*may be used to fulfill one area only)			3 units				
Architecture 2A, 2B, 4A, 4B, 8A, 8B, 12, 14, 16 Art 2A, 3A, 16A, 17A, 22, 23, 24, 54, 56, 57, 58, 59 Art History 1, 4, 5, 6, 7, 8, 20, 50A, 51A Chinese 1A*, 1B* Communication Studies 2, 5, 6 English 11A, 12A, 13A, 20, 21, 22, 24, 25, 26, 28, 31, 32, 35, 41, 45, 48 Film 14, 50, 60 French 1A*, 1A1*, 1A2*, 1B*, 1B1*, 1B2*, 2A, 2B	General Studies 31 German 1A*, 1B*, 2A*, 2B* History 1*, 2* Humanities 50, 60, 65, 68, 72 Italian 1A*, 1B*, 2A*, 2B* Japanese 1A*, 1B* Music (MUSL) 1, 2A, 2B, 2C, 2D, 3, 4, 5, 8 Music (MUSP) 12, 14A, 44, 45	Philosophy 50, 60, 65, 70 Photography 20, 50, 53A Religious Studies 50, 64, 65, 70, 72 Sign Language 64, 65, 66 Spanish 1A*, 1A1*, 1A2*, 1B*, 1B1*, 1B2*, 2A, 2B, 5 Theater Arts 1, 4, 7*, 10, 11, 12, 21, 22, 47A, 48A, 50A					
D. SOCIAL AND BEHAVIORAL SCIENCES Complete 1 course from below (*may be used to fulfill one area only)			3 units				
Administration of Justice 45, 50, 60, 70 Anthropology 1*, 2, 3, 4, 5, 7, 8, 12 Business 12, 17, 20, 36, 40, 42 Communication Studies 11*, 12, 50 Early Childhood Development 40, 52, 56, 62, 69, 79, 87	Economics 1, 2, 10 Entrepreneurship 1, 5 Ethnic Studies 1, 2, 3 Geography 1*, 2, 3, 5, 10, 12, 21*, 22* Health 8 History 1*, 2*, 3, 4, 5*, 7*, 8*, 12*, 19, 20*, 21*, 22*, 25*, 27*	Mass Communications 40, 41 Political Science 1*, 10, 12*, 20, 25, 30, 45 Psychology 1, 2, 3, 4*, 6, 8, 12, 33, 45 Psychology-Counseling 1, 4, 13 Sociology 1, 2, 3, 4, 5, 6, 8, 10, 30					
E. WELLNESS (AREAS OF HEALTH or PHYSICAL EDUCATION)			1 unit				
These are 3 units classes below. Early Childhood Development 54 Health 1, 4 Kinesiology 14, 19 Nutrition 1	OR Any Physical Education activity course with a rubric of: ADPE, ATHL, DANC, PEAC or FT 88A, 88B, 88C, 88D (Total 1 unit) <i>*Students who hold an AA/AS Degree or higher are exempt. Exemption is allowed for illness or physical disability. You must file a "Request for Course Substitution or Waiver" petition, available in the Counseling Office. You will need to provide a physician's statement. See a counselor for assistance.</i>						
F. PROGRAM-BASED GENERAL EDUCATION REQUIREMENT: Complete a 1 course as determined under the specific AS Degree			3 units				
For the program-based selections for specific Associate in Science degrees, see each AS Degree program page in the catalog.							
AMERICAN CULTURES: Complete 1 course from below with a grade of "C" or "P". <i>Where appropriate, the course can simultaneously satisfy 1 other graduation requirement. See note below. **</i>							
Anthropology 5 Art History 7 Communication Studies 11 Early Childhood Development 79 English 26, 32 Ethnic Studies 1	History 5, 7, 8, 12, 27 Humanities 65 Music (MUSL) 8 Psychology-Counseling 1, 4, 13 Sociology 1, 3, 30	**Courses taken at Las Positas, even with the same course name and number, may not satisfy this requirement. See a counselor for assistance.					
MATHEMATICS PROFICIENCY: Effective for all students admitted (or returning) Fall 2009 or thereafter, completed with a grade of "C" or "P" or higher (<i>Title V §55063</i>). Proficiency in mathematics must be demonstrated by either:							
1. Passing the Math Proficiency Test (See Math Division Office, Building 2000 for information) or 2. Psychology 5, Mathematics 1, 2, 15, 16, 20, 31, 33, 36, 37, 41, 43, 47, 53B, 54, 54L, 55, 55L, 57							

Historically Black College and University (HBCU) Transfer Guarantee Project for California Community College Students

On March 17, 2015, the California Community Colleges and nine historically Black colleges and universities signed an historic agreement, which guarantees California community college students who complete certain academic requirements to transfer to a participating historically Black college and university campus.



The nine participating institutions are:

- Bennett College, Greensboro, N.C.
- Dillard University, New Orleans, La.
- Fisk University, Nashville, Tenn.
- Lincoln University of Missouri, Jefferson City, Mo.
- Philander Smith College, Little Rock, Ark.
- Stillman College, Tuscaloosa, Ala.
- Talladega College, Talladega, Ala.
- Tuskegee University, Tuskegee, Ala.
- Wiley College, Marshall, Texas

The goal of our Historically Black Colleges and Universities Transfer Guarantee Project is to educate students about additional transfer opportunities at these institutions and develop pathways that will ultimately contribute to an increase in baccalaureate degree attainment.

For more information visit

<http://extranet.cccco.edu/HBCUTransfer.aspx>



The California Community Colleges Board of Governors awards \$1 million to UMOJA Community to better serve underrepresented students



Demonstrating its firm resolve to improve the completion rates of underrepresented California community college students, the California Community Colleges Board of Governors approved a \$1 million contract to expand the services offered by the Umoja Community, a partnering nonprofit serving those students, on California community college campuses.

Umoja programs are designed to increase the retention rates as well as the graduation and transfer rates of underrepresented students, although program participation is open to all. Students enrolled in Umoja programs take classes to help them improve skills in reading, writing and critical thinking, meet with counselors at least twice a semester, receive tutoring support, attend workshops, and participate in field trips.

Contract funds will be distributed by Chaffey College to the Umoja Community to provide for state-level support and coordination for some of the following services:

- Expand the number of Umoja programs and increase the number of students served by existing programs;
- Expand existing partnerships with the University of California, California State University, Historically Black Colleges and Universities (HBCU), and Association of Independent California Colleges and Universities to increase the number of its students transferring to those institutions;
- Hire staff, including a statewide Umoja executive director and regional coordinators; and
- Expand Umoja program training and dissemination of Umoja Community practices.

The Board of Governors officially recognized the Umoja Community as a statewide success program in January 2008. The first Umoja programs were established at California community college campuses that same year. The Umoja Community administers programs at 30 California community college campuses. Three additional colleges plan to implement an Umoja program by fall 2015.

The Umoja Community program is modeled after two successful community college programs, the Daraja Project (Chabot College, Hayward, Calif.), and Project Success (El Camino College, Torrance, Calif.) Daraja students (age 21 or under) successfully completed the Basic Skills to Freshman Composition sequence at a rate 19 percent higher than other students (age 21 or under) not in Daraja. Project Success students have persistence rates at 96 percent and earn associate degrees at a rate twice that of comparable students not in Project Success.

For more information visit www.umojacommunity.org/about



CURRICULUM CHANGES

NEW DEGREES

Economics (AA-T)

REVISED DEGREES

Accounting (AS)

Business (AS)

Computer Science (AA); changed from Computer Science (Emphasis in Mathematics) (AA)

Computer Science (AS); changed from Computer Science (Emphasis in Mathematics) (AS)

English (Emphasis in Literature) (AA)

Entrepreneurship (AS) French (AA)

Interior Design (AS)

LVN Pathway for Associate in Arts (AA)

Nursing (AA)

Retail Management (AS)

Sociology (AA-T)

Spanish (AA-T)

30 Unit LVN Pathway Non Degree RN

DELETED DEGREES

Computer Science (General) (AA)

Computer Science (General) (AS)

NEW CERTIFICATES

CPA Exam Preparation: Financial Accounting and Auditing (Certificate of Proficiency)

Coaching (Certificate of Proficiency)

REVISED CERTIFICATES

Business Skills (Certificate of Proficiency)

Creative Writing (Certificate)

Human Resources Assistant (Certificate of Achievement)

Interior Design (Certificate of Achievement)

Kitchen and Bath Design (Certificate of Achievement)

Management (Certificate of Achievement)

Marketing (Certificate of Achievement)

Retail Management (Certificate of Achievement)

Small Business Management (Certificate of Achievement)

CHABOT COLLEGE

2015-2016 CURRICULUM CHANGES

(lists from 1/20-4/15 and 6/17)

ANTHROPOLOGY (ANTH)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

1 Biological/Physical Anthropology 3 units

Humans as a biological species through the examination of fossil evidence for human evolution, behavior of nonhuman primates, and human evolutionary biology and genetics. Emphasis on uniquely human biological and behavioral characteristics, as well as those shared with other animals. Current anthropological issues such as the biological meaning of race, genetic diseases, and the influence of evolution on human behavior. 3 hours lecture. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS; C-ID: ANTH 110
Strongly Recommended: Eligibility for ENGL 1A

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

1L Biological/Physical Anthropology Laboratory 1 unit

Laboratory activities and exercises developed as an adjunct to Anthropology 1 (Introduction to Biological/Physical Anthropology) including the identification of fossils through examination of fossil casts, the study of human artifacts, observation of primate behavior and structure, and problem-solving in case studies of human genetics. 3 hours laboratory. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS; C-ID: ANTH 115L

Prerequisite: ANTH 1 may be taken concurrently

Strongly Recommended: Eligibility for ENGL 1A

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

3 Social and Cultural Anthropology 3 units

How human beings in different cultures meet basic biological, social and cultural needs, including kinship and marriage practices, political and social organization, economic institutions, religious and childrearing practices, social change, as well as other aspects of cultural behavior. Emphasis on understanding other cultures on their own terms. Includes the many subcultures making up North American populations. 3 hours lecture. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS; C-ID: ANTH 115L

Strongly Recommended: Eligibility for ENGL 1A

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

4 Language and Culture 3 units

An introduction to the core concepts of linguistic anthropology and the study of language in culture and society, including how language perpetuates the identity of individuals through their social interactions and their culture in everyday speech events. Topics such as identity, social status, gender, race, and institutional power, are examined in contemporary language use. Traditional study of the methods of linguistic anthropologists as well as the study of the biological basis of communication and speech, the structure of language, language origins, language through time, language variation, the ethnography of communication, sociolinguistics, nonverbal communication and writing, and how cultural context sets meaning. 3 hours lecture. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS

Strongly Recommended: Eligibility for ENGL 1A

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

5 Cultures of the U.S. in Global Perspective 3 units

Issues relevant to understanding constructs of race, class, gender and culture in U. S. society from a global perspective. Factors affecting at least three major U.S. cultural communities (such as African American, Asian American, Latino American and others) including impacts of globalization, patterns of migration, permeability of cultural communities in the U.S., the cultural politics of identity and inclusion and exclusion, and other factors influencing modern U.S. society. 3 hours lecture. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS

Strongly Recommended: Eligibility for ENGL 1A

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

7 Introduction to Globalization: An Anthropological Perspective 3 units

Exploration of the current processes of "globalization" in the world today and their impact on people and societies. Examination of the conflicts arising out of competition over resources such as land, water and oil. Includes the impact of wars, economic and environmental disruption leading to transnational migrations of people. Explores debates over globalization and the social movements that have arisen in response to the impact of globalization. 3 hours lecture. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS

Strongly Recommended: Eligibility for ENGL 1A

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

8 Native American Cultures 3 units

Survey of the Native American cultures of North America from an anthropological perspective, including cultural developments from prehistory to the present. Emphasis on the great variety of Native American perspectives and traditions, including kinship, religion, political, social and economic institutions, and attitudes towards humans, animals, and nature. Current issues including movements for social and political justice and cultural survival. 3 hours lecture. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS

Strongly Recommended: Eligibility for ENGL 1A

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

12 Magic, Religion, Witchcraft and Healing 3 units

Cross-cultural perspectives on spirituality, religious practice, myth, ancestor beliefs, witchcraft and the variety of religious rituals and practitioners found in the cultures of the world. Examination of the cosmologies of different cultures through the anthropological perspective. Emphasis is placed on how knowledge of the religious practices and beliefs of others can help us to understand the multicultural world in which we live. Comparison of the ways in which diverse cultures confront the large and fundamental questions of existence: those dealing with the meaning of life, birth and death, and with the relationship of humans to each other and to their universe. 3 hours lecture. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS

Strongly Recommended: Eligibility for ENGL 1A

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

13 Forensic Anthropology 3 units

Introduction to the recovery and interpretation of human physical remains within the medico-legal context. Major topics include identification of human skeletal and dental remains, sex determination, age at death, ancestry, stature, analysis and identification of different types of trauma and pathologies, post-mortem alteration, time since death, recovery techniques, and legal and ethical issues pertaining to the treatment of human remains in a forensic context. 3 hours lecture. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS

Strongly Recommended: Eligibility for ENGL 1A

ARCHITCTURE (ARCH)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

2A Architectural Drawing and Graphics I 3 units

Introduction to freehand and mechanically constructed drawings employing orthographic, axonometric and linear perspective drawing systems to represent three-dimensional form and environments on two-dimensional surfaces. Emphasis on the understanding of basic drawing conventions, their implications and applications. 2 hours lecture, 4 hours laboratory. Transfer: CSU; UC; AA/AS

Requisites: none

ART (ART)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

16A Introduction to Ceramics I 3 units

Instruction in the fundamental techniques of wheel-thrown and hand-constructed clay forms. Survey of clay and glaze materials and reaction to fire will be included. Methods of decorating using glazes will be introduced. Influence of Eastern and Western contemporary and historical works and the students' creations. Formulate personal creative process, including inspiration, experimentation, and evaluation. Designed for art majors as well as general education students. 2 hours lecture, 1 hours laboratory. Transfer: CSU; UC; AA/AS

Requisites: none

(NEW COURSE)

18B Wood and Stone Sculpture II 3 units

An intermediate course in the Design and carving of more advanced 3-dimensional sculptures, using subtractive methods in wood and stone. Includes care and maintenance of pneumatic (air power) technology. Elements and principles of three-dimensional design are emphasized in oral and written critiques. Designed for art majors as well as general education students. 2 hours lecture, 4 hours laboratory. Transfer: CSU; UC

Prerequisite: ART 18A (completed with a grade of "C" or higher)

ART HISTORY (ARTH)

(RENUMBERED COURSE)

50A Introduction to Museum and Gallery Techniques 3 units

Learn the display of visual art within a museum / gallery space. Meet artists from the Bay Area and beyond, learn the meaning behind their artwork, and gain hands-on practice in a range of activities covering the presentation, handling and security of original artwork in the Chabot Art Gallery. May not be taken for credit if Art History 50 has been completed. 2 hours lecture, 3 hours laboratory. Transfer: CSU; CSU/GE; AA/AS

Requisites: none

(NEW COURSE)

50B Museum and Gallery Techniques 3 units

Further practice in the display of visual art in a museum/gallery setting. Converse with artists from the Bay Area and beyond, learn the meaning behind their artwork, and gain hands-on, advanced practice in a range of activities covering the presentation, handling, and security of original artwork in the Chabot Art Gallery. 2 hours lecture, 3 hours laboratory. Transfer: CSU

Prerequisite: ARTH 50 (completed with a grade of "C" or higher) or ARTH 50A (completed with a grade of "C" or higher)

(RENUMBERED COURSE)

51A Introduction to Museum Studies 4.5 units

Introduction to museum history, theory, and practice. History and theory components are lecture-based; practice component involves hands-on instruction in museum and gallery skills, culminating in the hanging of the Chabot student art show. Held in the Chabot Art Gallery with one to two field trips to local museums, galleries and/or historical societies. 3 hours lecture, 5 hours laboratory. Transfer: CSU; CSU/GE; AA/AS

May not be taken for credit if Art History 51 has been completed.

Requisites: none

(NEW COURSE)

51B Museum Studies 4.5 units

Further experience in museum and gallery skills, culminating in the hanging of the Chabot student art show, while aiding beginning Museum Studies students. Held in the Chabot Art Gallery with one to two field trips to local museums, galleries and/or historical societies. 3 hours lecture, 5 hours laboratory. Transfer: CSU

Prerequisite: ARTH 51 (completed with a grade of "C" or higher) or , ARTH 51A (completed with a grade of "C" or higher)

BIOLOGY (BIOL)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

25 Human Heredity and Evolution 3 units

Introduces fundamental concepts underlying heredity and evolution with a focus on the human species. Applications of these concepts to contemporary topics such as reproductive technologies, biotechnology, bioethics, forensics, human genetic diversity and ancestry, and the causes and treatments of genetic diseases will be explored. 3 hours lecture. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS

Requisites: none

BUSINESS (BUS)

(REVISED DEGREE)

ACCOUNTING ASSOCIATE IN SCIENCE

The A.S. degree in Accounting is the highest level of the accounting program at Chabot. The degree requires the most time and intellectual commitment. A student should obtain the degree after completing the certificate in Accounting Technician. The degree prepares students for entry-level positions within accounts receivable and accounts payable departments, payroll units, income tax firms, and financial services organizations. Graduates of the program will be able to identify, analyze, summarize, communicate, record, and interpret business transactions and financial statements. Students will learn commercial and customized accounting software and spreadsheets and will apply the skills via intensive accounting applications. Students will study professional and ethical behavioral case studies for business, as well as attain oral and written communication skills that are necessary for success. Technical courses in accounting, taxes, and payroll with commercial software will allow graduates to seek advanced placement in accounting or information systems departments. With this accounting degree, jobs are available in just about every corporate business and non-profit organization.

Career Opportunities in Business

While many accounting careers require at least a bachelor's degree in accounting, an associate's degree in accounting opens the door to some entry-level accounting careers. After you complete your associate's degree in accounting, you will be qualified to work in a number of accounting careers. These include general bookkeeping or being a clerk of accounts payable or accounts receivable. After gaining some experience in an accounting career, you will generally find more career options. However, accounting career options for a graduate of an associate's degree program are not as numerous as accounting career options for a graduate of a bachelor's or master's degree program. Salaries for those who have an associate's degree in accounting usually range from \$25,000 to \$35,000. With a higher degree, there is also more room for salary growth. If you want to finish your degree quickly and start working, an associate's degree in accounting can be a good way to begin an accounting career. In some cases, you can use the credits you earn for your associate's degree in accounting to transfer to a four-year school and earn a bachelor's degree in accounting, opening up more accounting career options. One advantage of pursuing an associate's degree in accounting first is to see how good a fit the field is for you. Another advantage is that you can start working in only two years, as opposed to waiting four or five years to complete a higher degree program.

Freshman Year

BUS 1A*	Financial Accounting	4
BUS 12	Introduction to Business	3
BUS 16	Business Mathematics	3
BUS 1B	Managerial Accounting	4
BUS 93	QuickBooks	2

Sophomore Year

BUS 10	Business Law	4
BUS 3	Taxation of Individuals	4
CAS 58	Introduction to Microsoft Access	3
BUS 92	Excel Spreadsheets for Accounting	2
Options **		9 - 10

General Education Units for the A.S. Degree

For specific A.S. General Education courses refer to the catalog on A.S. Graduation Requirements.

REQUIRED MAJOR SPECIFIC G.E. COURSE:

BUS 14: Business Communications (3 units)

Total Units 38 - 39

*Business 7 (Accounting for Small Business) is strongly recommended before taking Business 1A. **Select a minimum of 9 units from the following options.

BUS 2: Intermediate Accounting (4 units)

BUS 4: Cost Accounting (3 units)

BUS 5: Auditing (3 units)

BUS 8: Payroll Accounting (3 units)

BUS 11: Gov't and Nonprofit Acctg (3 units) BUS 13: Advanced

Topics in Acctg (4 units) BUS 18: Taxation of Business Entities (3 units)

(REVISED DEGREE)

BUSINESS ASSOCIATE IN SCIENCE

The core curriculum for the Business Associate in Science Degree involves completing the courses below and the general education requirements. Students may enroll in one of the three areas of emphasis: General Business, Management, or Marketing. Only one Associate in Science Degree in Business may be earned. This program intends to prepare students for new employment or promotions in the fields of management, supervision, marketing, finance, international business, or other areas of business administration. While all classes in the program transfer to four-year universities at least as electives, the program is not intended to prepare a student for transfer. If your main goal is transfer to a four-year school, consider completing the AS-T in Business Administration for Transfer instead.

Freshman Year

BUS 1A	Financial Accounting	4
or		
BUS 7	Accounting for Small Business	3
BUS 10	Business Law	4
BUS 12	Introduction to Business	3
BUS 16	Business Mathematics	3
BUS 22	Introduction to Management	3

Sophomore Year

BUS 36	Introduction to Marketing	3
BUS 40	International Business	3
CAS 50	Introduction to Computer Application Systems	3
or		
CAS 54A	Microsoft Excel I	3

Emphasis

9

Select from the areas of emphasis below. Only one A.S. degree in Business may be earned

General Education Units For A.S. Degree

For specific A.S. General Education courses refer to catalog section on A.S. Graduation Requirements.

REQUIRED MAJOR SPECIFIC G.E. REQUIREMENT.

Complete a minimum of 3 units from the following. Units

BUS 14	Business Communications	3
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Emphasis 1 - General Business

Select a minimum of 9 units from any other business or entrepreneurship classes

Emphasis 2 - Management Units

BUS 21	Human Resource Management	3
Select a minimum of 6 units from the following options:		
BUS 26	Small Business Management	3
BUS 42	Green Business Practices	3
BUS 50A	Skills for Supervisors	1
BUS 50B	Business Etiquette and Professionalism	1
BUS 50C	Interviewing for Success	1
BUS 50D	Resumes and Job Application Letters	1
BUS 50F	Developing a Business Plan	1
BUS 50G	Negotiating Skills	1
BUS 50J	Time Management Skills	1
BUS 50K	Listening Skills	1
BUS 50L	Careers in Business	1
BUS 50M	Workplace Diversity	1
BUS 50N	Dealing with Difficult People	1
BUS 50P	Quality Customer Service	1
BUS 95	Work Experience	1- 3
or		
WEXP 95	Work Experience	1- 3
BUS 96	Work Experience Seminar	1
or		
WEXP 96	Work Experience Seminar	1
ENTR 1	Introduction to Entrepreneurship	3
PSY 1	General Psychology	3

Emphasis 3 - Marketing

Units

BUS 34	Introduction to Advertising	3
ENTR 20	Marketing for Entrepreneurs	3
Select a minimum of 3 units from the following options:		
BUS 26	Small Business Management	3
BUS 31	Professional Selling	3
BUS 32	Retail Store Management	3
BUS 50A	Skills for Supervisors	1
BUS 50B	Business Etiquette and Professionalism	1
BUS 50C	Interviewing for Success	1
BUS 50D	Resumes and Job Application Letters	1
BUS 50F	Developing a Business Plan	1
BUS 50G	Negotiating Skills	1
BUS 50J	Time Management Skills	1
BUS 50K	Listening Skills	1
BUS 50L	Careers in Business	1
BUS 50M	Workplace Diversity	1
BUS 50N	Dealing with Difficult People	1
BUS 50P	Quality Customer Service	1
BUS 95	Work Experience	1- 3
or		
WEXP 95	Work Experience	1- 3
BUS 96	Work Experience Seminar	1
or		
WEXP 96	Work Experience Seminar	1
ENTR 1	Introduction to Entrepreneurship	3

The above listing is a suggested sequence only. Some courses may have prerequisites. Students may take courses in any sequence except where a prerequisite applies.

Total Units

34 - 35

(REVISED CERTIFICATE)

BUSINESS SKILLS CERTIFICATE OF PROFICIENCY

Employers today look for both technical competency in your major field and a set of business skills, or “soft skills” that enable you to succeed in the workplace. This short certificate program develops the business skills and perspective that are in demand by employers. All courses in this certificate are offered online.

Core Courses

BUS 14	Business Communications	3
or		
BUS 12	Introduction to Business	3
or		
ENTR 1	Introduction to Entrepreneurship	3

Select a minimum of 2 units from the following courses

BUS 50A	Skills for Supervisors	1
BUS 50B	Business Etiquette and Professionalism	1
BUS 50C	Interviewing for Success	1
BUS 50D	Resumes and Job Application Letters	1
BUS 50F	Developing a Business Plan	1
BUS 50G	Negotiating Skills	1
BUS 50J	Time Management Skills	1
BUS 50K	Listening Skills	1
BUS 50L	Careers in Business	1
BUS 50M	Workplace Diversity	1
BUS 50N	Dealing with Difficult People	1
BUS 50P	Quality Customer Service	1

Select a minimum of 5 units from the following courses

BUS 50A	Skills for Supervisors	1
BUS 50B	Business Etiquette and Professionalism	1
BUS 50C	Interviewing for Success	1
BUS 50D	Resumes and Job Application Letters	1
BUS 50F	Developing a Business Plan	1
BUS 50G	Negotiating Skills	1
BUS 50J	Time Management Skills	1
BUS 50K	Listening Skills	1
BUS 50L	Careers in Business	1
BUS 50M	Workplace Diversity	1
BUS 50N	Dealing with Difficult People	1
BUS 50P	Quality Customer Service	1

Total Units 10

(NEW CERTIFICATE)

CPA EXAM PREPARATION: FINANCIAL ACCOUNTING AND AUDITING CERTIFICATE OF PROFICIENCY

CPA Candidates must possess any Bachelor’s degree. Additionally, the candidates must satisfy specific educational requirements (see the CalCPA website, http://www.dca.ca.gov/cba/applicants/tip_sheet.pdf). All of these educational requirements can be completed at a community college after the candidates complete their BA/BS degree. The classes within this certificate are counted towards the educational requirement for the CPA license. The certificate also prepares a candidate for two of the four parts of the CPA exam: Financial Accounting and Auditing. The certificate itself is neither required for the CPA exam nor guarantees the student’s eligibility for the CPA exam. However, it provides a guideline on what classes best prepare the candidate for the CPA exam. Future CPAs have amazing career prospects in three main areas: public accounting, private accounting, and government/non-profit accounting. 2015 projections for California (from the Employment Development Department, Labor Market Info website) for accountants and auditors are: 15.8% annual increase in the number of jobs, and the median salary of \$78,000. The CPA license in general increases salaries for these jobs by 10-15%.

Career Opportunities in Business

Future CPAs have amazing prospects in three main areas: public accounting, private accounting, and government/non-profit accounting. Current projections for CA (from the EDD website) for accountants and auditors are: 15.8% annual increase in the number of jobs, and the median salary of \$78,000. The CPA license in general increases salaries for these jobs by 10-15%.

Core Courses

BUS 2	Intermediate Accounting	4
BUS 5	Auditing	3
BUS 11	Governmental and Nonprofit Accounting	3
BUS 13	Advanced Topics in Accounting	4

The above listing is a suggested sequence only. Some courses may have prerequisites. Students may take courses in any sequence except where a prerequisite applies.

Total Units 14

(REVISED CERTIFICATE)

HUMAN RESOURCES ASSISTANT CERTIFICATE OF ACHIEVEMENT

Chabot’s Human Resources Assistant program is the only program of its type among community colleges in the Bay Area. The program is specifically designed and focused to prepare you for an exciting entry-level career in human resources for profit, non-profit, or government organizations. You will perform paraprofessional administrative support work in a human resources area.

Career Opportunities in Business

Human resources assistants keep records of a company's employees. These records have facts, such as each worker's name, address, job title, pay, and health insurance benefits and other benefits. Every day, human resources assistants update information and answer questions about employees. They also may create reports for managers. Some human resources assistants answer the phone or open mail. Some help to hire workers. They sometimes do research on the Internet to find qualified applicants for jobs. They tell people about job openings. They get information from job applicants about their education and work experience. They give out tests and explain the company's rules. They ask for references from present or past employers. They call or write to applicants to tell them whether or not they got the job. In California, the salary for human resources assistants ranges between \$34,507 and \$52,000 with annual mean earnings of \$43,472.

Core Courses

BUS 7	Accounting for Small Business	3
BUS 21	Human Resource Management	3
CAS 50	Introduction to Computer Application Systems	3
or		
CAS 54A	Microsoft Excel I	3
or		
CSCI 8	Computer Literacy	3
BUS 8	Payroll Accounting	3
CAS 58	Introduction to Microsoft Access	3
BUS 14	Business Communications	3
BUS 22	Introduction to Management	3

The above listing is a suggested sequence only. Some courses may have prerequisites. Students may take courses in any sequence except where a prerequisite applies.

Total Units **21**

REVISED CERTIFICATE)

MANAGEMENT CERTIFICATE OF ACHIEVEMENT

Chabot's Business Management programs will provide you with the people skills and business knowledge to succeed and advance in for-profit or non-profit organizations. Graduates of the program have secured new positions or gained promotions to general managers, supervisors, assistant HR managers, office managers, retail store managers, sales managers, distribution managers, business owners, production supervisors, training coordinators, recruiters, buyers, and purchasing agents. The certificate may be completed either on campus or fully online. All classes within the program will also apply toward an AS degree in Business, Marketing emphasis.

Core Courses

BUS 12	Introduction to Business	3
BUS 21	Human Resource Management	3
BUS 22	Introduction to Management	3
BUS 1A	Financial Accounting	4
or		
BUS 7	Accounting for Small Business	3
Option		6

Option

Select any six units from the following options: **Units**

BUS 10	Business Law	4
or		
BUS 14	Business Communications	3
BUS 16	Business Mathematics	3
BUS 36	Introduction to Marketing	3
BUS 40	International Business	3
BUS 50A	Skills for Supervisors	1
BUS 50B	Business Etiquette and Professionalism	1
BUS 50C	Interviewing for Success	1
BUS 50D	Resumes and Job Application Letters	1
BUS 50F	Developing a Business Plan	1
BUS 50G	Negotiating Skills	1
BUS 50J	Time Management Skills	1
BUS 50K	Listening Skills	1
BUS 50L	Careers in Business	1
BUS 50M	Workplace Diversity	1
BUS 50N	Dealing with Difficult People	1
BUS 50P	Quality Customer Service	1
BUS 95	Work Experience	1 - 3
or		
WEXP 95	Work Experience	1 - 3
BUS 96	Work Experience Seminar	1
or		
WEXP 96	Work Experience Seminar	1

The above listing is a suggested sequence only. Some courses may have prerequisites. Students may take courses in any sequence except where a prerequisite applies.

Total Units **18 - 19**

(REVISED CERTIFICATE)

MARKETING CERTIFICATE OF ACHIEVEMENT

Research indicates that about one-third of the labor force is now employed in marketing. Career opportunities in marketing are also expected to grow rapidly in the future. Marketing careers offer flexibility, mobility, and pay to match your ability. Graduates of the program have become marketing managers, professional sales and customer service representatives, small business owners, buyers and merchandisers in the retail community. They are also responsible for buying and selling product offerings, planning promotions and advertising and public relations campaigns. The certificate may be completed either on campus or fully online. All classes within the program will also apply toward an AS degree in Business, Marketing emphasis.

Core Courses

BUS 12	Introduction to Business	3
BUS 14	Business Communications	3
BUS 36	Introduction to Marketing	3
BUS 1A	Financial Accounting	4
or		
BUS 7	Accounting for Small Business	3
BUS 34	Introduction to Advertising	3
ENTR 20	Marketing for Entrepreneurs	3

Option

Select a minimum of three units from the following

BUS 16	Business Mathematics	3
BUS 22	Introduction to Management	3
BUS 32	Retail Store Management	3
BUS 40	International Business	3
BUS 50A	Skills for Supervisors	1
BUS 50C	Interviewing for Success	1
BUS 50D	Resumes and Job Application Letters	1
BUS 50F	Developing a Business Plan	1
BUS 50G	Negotiating Skills	1
BUS 50J	Time Management Skills	1
BUS 50K	Listening Skills	1
BUS 50L	Careers in Business	1
BUS 50M	Workplace Diversity	1
BUS 50N	Dealing with Difficult People	1
BUS 50P	Quality Customer Service	1
BUS 95	Work Experience	1 - 3
or		
WEXP 95	Work Experience	1 - 3
BUS 96	Work Experience Seminar	1
or		
WEXP 96	Work Experience Seminar	1
ENTR 1	Introduction to Entrepreneurship	3
BUS 50B	Business Etiquette and Professionalism	1

The above listing is a suggested sequence only. Some courses may have prerequisites. Students may take courses in any sequence except where a prerequisite applies.

Total Units **21 - 22**

(REVISED DEGREE)

RETAIL MANAGEMENT ASSOCIATE IN SCIENCE

This program should be completed after a student earns a certificate in Retail Management. All major class requirements are a part of that certificate. To earn this degree, a student will complete additional General Education Classes and possible electives to earn a minimum total of 60 units. The program was developed in accordance with the Western Association of Food Chains' Retail Management Certificate Program, a program that has been fully endorsed by the Western Association of Food Chains and its member companies. The certificate's curriculum was developed out of a collaborative effort between several industry and college professionals and encompasses several business essentials, including the "soft skills" of management and communication required for career success in the retail industry. Although the program was developed by the food retail industry, its completion will help students to acquire necessary knowledge and skills to manage retail stores of any kind.

Freshman Year

BUS 1A	Financial Accounting	4
BUS 16	Business Mathematics	3
BUS 22	Introduction to Management	3
BUS 36	Introduction to Marketing	3

Sophomore Year

BUS 21	Human Resource Management	3
BUS 28	Human Relations in the Workplace	3
BUS 32	Retail Store Management	3
CSCI 8	Computer Literacy	3
or		
CAS 50	Introduction to Computer Application Systems	3

A student working on the WAFC (Western Association of Food Chains) certificate in addition to Chabot's degree, should also complete BUS-48 Human Relations in the Workplace offered at Las Positas College.

General Education Units For A.S. Degree

For specific A.S. General Education courses refer to catalog section on A.S. Graduation Requirements.

REQUIRED MAJOR SPECIFIC G.E. REQUIREMENT

Complete a minimum of 3 units from the following. **Units**

BUS 14	Business Communications	3
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The above listing is a suggested sequence only. Some courses may have prerequisites. Students may take courses in any sequence except where a prerequisite applies.

Total Units **25**

(REVISED CERTIFICATE)

RETAIL MANAGEMENT CERTIFICATE OF ACHIEVEMENT

This certificate is developed in accordance with the Western Association of Food Chains' WAFC Retail Management Certificate Program, a program that has been fully endorsed by the Western Association of Food Chains and its member companies. The certificate's curriculum was developed out of a collaborative effort between several industry and college professionals and encompasses several business essentials, including the "soft skills" of management and communication required for career success in the retail industry. Although the program was developed by the food retail industry, its completion will help students to acquire necessary knowledge and skills to manage retail stores of any kind.

Core Courses

BUS 1A	Financial Accounting	4
BUS 14	Business Communications	3
BUS 16	Business Mathematics	3
BUS 22	Introduction to Management	3
BUS 21	Human Resource Management	3
BUS 36	Introduction to Marketing	3
CSCI 8	Computer Literacy	3
or		
CAS 50	Introduction to Computer Application Systems	3
BUS 32	Retail Store Management	3

A student working on the WAFC (Western Association of Food Chains) certificate in addition to Chabot's degree, should also complete BUS-48 Human Relations in the Workplace offered at Las Positas College.

The above listing is a suggested sequence only. Some courses may have prerequisites. Students may take courses in any sequence except where a prerequisite applies.

Total Units 25

(REVISED CERTIFICATE)

SMALL BUSINESS MANAGEMENT CERTIFICATE OF ACHIEVEMENT

The small business management program's focus is student preparation for planning, organizing, and operating a small to mid-size business in manufacturing, wholesaling, retailing, or service trade. The curriculum provides a strong foundation in developing a business plan, managing all phases of a small business, learning accounting practices and legal concepts for a sole proprietorship. In addition, the certificate gives student flexibility in choosing among various classes to customize knowledge and skills acquired to specific needs of a particular small business.

Career Opportunities in Business

The small business management program's focus is student preparation for planning, organizing, and operating a small to mid-size business in manufacturing, wholesaling, retailing, or service trade. The curriculum provides a strong foundation in developing a business plan, managing all phases of a small business, learning accounting practices and legal concepts for a sole proprietorship. In addition, the certificate gives student flexibility in choosing among various classes to customize knowledge and skills acquired to specific needs of a particular small business.

Core Courses

BUS 26	Small Business Management	3
BUS 10	Business Law	4
BUS 36	Introduction to Marketing	3
BUS 7	Accounting for Small Business	3
BUS 93	QuickBooks	2

Option

Select a minimum of four units from the following options:

	Units
BUS 12 Introduction to Business	3
ENTR 1 Introduction to Entrepreneurship	3
BUS 14 Business Communications	3
BUS 21 Human Resource Management	3
BUS 22 Introduction to Management	3
BUS 32 Retail Store Management	3
BUS 36 Introduction to Marketing	3
BUS 34 Introduction to Advertising	3
BUS 40 International Business	3
BUS 50A Skills for Supervisors	1
BUS 50B Business Etiquette and Professionalism	1
BUS 50C Interviewing for Success	1
BUS 50D Resumes and Job Application Letters	1
BUS 50F Developing a Business Plan	1
BUS 50G Negotiating Skills	1
BUS 50J Time Management Skills	1
BUS 50K Listening Skills	1
BUS 50L Careers in Business	1
BUS 50M Workplace Diversity	1
BUS 50N Dealing with Difficult People	1
BUS 50P Quality Customer Service	1
BUS 95 Work Experience	1 - 3
or	
WEXP 95 Work Experience	1 - 3
BUS 96 Work Experience Seminar	1
or	
WEXP 96 Work Experience Seminar	1

The above listing is a suggested sequence only. Some courses may have prerequisites. Students may take courses in any sequence except where a prerequisite applies.

Total Units 19

(RENAMED COURSE AND UNIT CHANGE)

3 Taxation of Individuals; 3 units

Preparation of Federal and California income tax returns for individuals through the absorption and application of income tax law, theory, practice. Completion of various tax forms, including Form 1040 (Individual), Schedules A (Itemized Deductions), B (Interest and Dividends), C (Profit or Loss from a Business), and D (Capital Gains and Losses). Other topics include depreciation, tax credits, tax planning, and tax research. Students who successfully complete this course may apply to CTEC, the California Tax Education Council, to become a Registered Tax Preparer in California. 3 hours lecture. Transfer: CSU

Requisites: none

(NEW COURSE)

13 Advanced Topics in Accounting 4 units

Subject matters include current and long-term liabilities, stockholders' equity, investments, pension and post-retirement benefits, leases, revenue recognition, cash flow statements, and full disclosure in financial reporting. 4 hours lecture. Transfer: CSU

Prerequisite: BUS 1A (completed with a grade of "C" or higher)

(NEW COURSE)

25 Taxation of Business Entities 3 units

A study of current Federal income tax law as it relates to sole proprietorships, corporations (C corps, S corps), and partnerships (General and Limited Partnerships, Limited Liability Companies, and Limited Liability Partnerships. California tax law differences will be highlighted. 3 hours lecture. Transfer: CSU

Prerequisite: BUS 7 (completed with a grade of “C” or higher) or, BUS 1A (completed with a grade of “C” or higher)

(DELETED COURSE)

31 Professional Selling 3 units

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

34 Introduction to Advertising 3 units

Contributions of advertising to integrated marketing communication, including coordination and development of sales, relationship marketing, promotion programs, media selection, copy writing, layout, research and budgeting. 3 hours lecture. Transfer: CSU

Requisites: none

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

43 Personal Financial Planning 3 units

Focuses on the time value of money, budgeting, use of credit, investing, taxation of personal income and assets, types of insurance and risk management, health care planning, retirement planning, and estate planning. 3 hours lecture. Transfer: CSU

Requisites: none

(DELETED COURSE)

50E Business Email and Instant Messaging 1 unit

(DELETED COURSE)

50H Professional Business Ethics 1 unit

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

50M Workplace Diversity 1 unit

Tips and tools to value and manage diversity in the workplace. Overview of theoretical and legal perspectives, dimensions of diversity, the impact of diversity on the workplace. Case studies to acknowledge differences and successfully build relationships with people of diverse backgrounds. 1 hour lecture. Transfer: CSU

Requisites: none

(DELETED COURSE)

200 Computers in the Modern World, non-credit

CHEMISTRY (CHEM)

(DELETED COURSE)

8 Survey of Organic Chemistry

COMMUNICATION STUDIES ASSOCIATE IN ARTS FOR TRANSFER (AA-T)

Communication Studies explores the complexity of human interaction. A degree in Communication Studies is a valuable asset for people in every industry. The National Association of Colleges and Employers, in a 2010 survey, ranked the top five desired candidate skills/qualities: (1) communication skills; (2) analytical skills; (3) teamwork skills; (4) technical skills; and (5) strong work ethic. Because Communication Studies combines theoretical understanding with practical skills development, either of our Associate in Arts degrees can serve as a strong foundation for any upper division coursework or graduate training program. From critical listening and thinking skills to intercultural communication competency; from performing business presentations to oral interpretation of literature; from understanding group dynamics to developing persuasive strategies, Communication Studies offers courses with contextual learning experiences for greater success in work, relationships, and society. Our graduates go on to careers in human resources, public relations, advertising, journalism, law, hospitality and customer service, corporate training and politics. Many continue their education at the graduate and doctoral levels. Successful completion of the transfer degree in Communication Studies guarantees the student acceptance to a local California State University to pursue a baccalaureate degree with Junior status.

Required Core (6 units)	Units
COMM 1 Fundamentals of Speech Communication	3
COMM 50 Introduction to Communication Studies	3

List A (choose two-6 units)	Units
COMM 3 Group Communication	3
COMM 10 Interpersonal Communication	3
COMM 46 Argumentation and Debate	3

List B (choose one-3 units)	Units
Any List A course not used above	3
COMM 2 Oral Interpretation of Literature	3
COMM 11 Intercultural Communication	3
COMM 20 Persuasion and Communication	3
COMM 48 Activities in Forensics	1 - 4

List C (choose one-3 units)	Units
Any List A or B course not used above	
COMM 6 Introduction to Performance Studies	3
COMM 12 Gender, Sexual Identity, and Communication	3
ANTH 3 Social and Cultural Anthropology	3
MCOM 41 Introduction to Mass Communications	3
PSY 1 General Psychology	3
SOCI 1 Principles of Sociology	3

General Education Courses

Complete either the CSU/General Breadth or the (CSU) IGETC pattern. 37- 39 UNITS

(Possible double counting 18 units)

CSU transfer electives as needed to reach 60 CSU transferable units.

Total units: 60

All courses making up the minimum must be transferable to CSU, and a minimum GPA of 2.0 must be maintained.

Total Units 18

COMPUTER SCIENCE (CSCI)

(REVISED DEGREE)

COMPUTER SCIENCE ASSOCIATE IN ARTS

This is a program oriented towards satisfying lower division Computer Science requirements for the Computer Science major. Serves as a source of courses for professional programmers to upgrade skills. Courses also provided for majors in mathematics, business, biology, physics, engineering, computer science, geology and related disciplines.

Career Opportunities in Computer Science

This program is intended to meet most university transfer requirements in Computer Science for the Bachelor's degree in Computer Science and related fields, but see the note below for more information.

Freshman Year

MTH 1	Calculus I	5
CSCI 14	Introduction to Structured Programming In C++	4
CSCI 41	Introduction to UNIX	2
MTH 2	Calculus II	5

Sophomore Year

CSCI 15	Object-Oriented Programming Methods	4
CSCI 21	Computer Organization and Assembly Language Programming	4
CSCI 20	Introduction to Data Structures	4
MTH 6	Elementary Linear Algebra	3
or		
MTH 8	Discrete Mathematics	4

General Education Units for the A.A. Degree

For specific General Education courses refer to catalog section on A.A. Graduation requirements.

This program is designed to satisfy core Computer Science requirements for most Computer Science majors. However, the Computer Science transfer pattern requires more mathematics and includes more breadth-based topics. Students should consult a counselor, the catalog of the intended transfer institution or assist.org for specific transfer information.

Total Units 31 - 32

(REVISED DEGREE)

COMPUTER SCIENCE ASSOCIATE IN SCIENCE

This is a program oriented towards satisfying lower division Computer Science requirements for the Computer Science major. Serves as a source of courses for professional programmers to upgrade skills. Courses are also provided for majors in mathematics, business, biology, physics, engineering, computer science, geology and related disciplines.

Career Opportunities in Computer Science

This program is intended to meet most university transfer requirements in Computer Science for the Bachelor's degree in Computer Science and related fields, but see the note below for more information.

Freshman Year

CSCI 14	Introduction to Structured Programming In C++	4
CSCI 41	Introduction to UNIX	2
MTH 1	Calculus I	5
MTH 2	Calculus II	5

Sophomore Year

CSCI 15	Object-Oriented Programming Methods	4
CSCI 20	Introduction to Data Structures	4
CSCI 21	Computer Organization and Assembly Language Programming	4
MTH6*	Elementary Linear Algebra	3
or		
MTH8*	Discrete Mathematics	4

General Education Units for A.S. Degree

For specific A.S. General Education courses refer to catalog section on A.S. Graduation Requirements.

REQUIRED MAJOR SPECIFIC G.E. COURSE:

Complete a minimum of 3 units from the following:		Units
MTH 3	Multivariable Calculus	5
MTH 4	Elementary Differential Equations	3
MTH 6	Elementary Linear Algebra	3
MTH 8	Discrete Mathematics	4
COMM 1	Fundamentals of Speech Communication	3
COMM 10	Interpersonal Communication	3
COMM 11	Intercultural Communication	3
CHEM 1A	General College Chemistry I	5
CHEM 10	Introduction to Chemistry	4
PHYS 2A	Introduction to Physics I	4
PHYS 4A	General Physics I	5
PHYS 4B	General Physics II	5
PHYS 4C	General Physics III	5
PHYS 5	Modern Physics	3
PHYS 11	Descriptive Physics	4

This program is designed to satisfy Computer Science requirements for many Computer Science transfer patterns. However, students should consult a counselor, the catalog of the intended transfer institution or assist.org for specific transfer requirements in the major. For example, some transfer institutions require Physics.

General Education courses should be carefully selected to meet the requirements of the intended transfer institution. Some transfer institutions require more general education units than required by the A.S. degree.

Total Units **31 - 32**

*It is recommended that Computer Science majors take both Mathematics 6 (Elementary Linear Algebra) and Mathematics 8 (Discrete Mathematics). No Mathematics or Computer Science course may be double counted except for General Education credit.

DENTAL HYGIENE (DHYG)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

50A Dental Hygiene Orientation I **½ unit**

Orientation to the dental hygiene program to include information regarding scheduling, course requirements, financial aid considerations, program policies and procedures as well as core competencies.

Prerequisite: Acceptance into the dental hygiene program

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

51 General and Oral Pathology **4 units**

Oral pathology and dysfunctions of systems of the body which directly affect the oral cavity. Significance of oral and general pathology in relationship to treatment by the dental hygienist. 4 hours lecture. Transfer: CSU

Corequisite: Current enrollment in the Dental Hygiene Program

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

52A Periodontics **2 units**

Normal periodontium and the deviations from health, with emphasis on the hygienist's responsibility in examination, data collection and recognition of disease. Dental Hygiene therapy for periodontal disease prevention, active case management and maintenance programs. Contributing factors to disease process and case management. Decision-making for patient referral to the periodontal specialist. 2 hours lecture. Transfer: CSU

Prerequisite: DHYG 51 (completed with a grade of "C" or higher)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

52B Advanced Periodontics **1 unit**

Continuation of 52A. Research-based comprehensive periodontal therapy. Focus on systemic diseases and their relationship to periodontal disease and adjunct periodontal treatment modalities through the use of evidence-based research and case studies. 1 hour lecture. Transfer: CSU

Prerequisite: DHYG 52A (completed with a grade of "C" or higher)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

54 Pharmacology **2 units**

Sources, dosages, therapeutic action, and side effects of drugs used in dentistry and dental hygiene. Includes legal and ethical aspects of drug usage. 2 hours lecture. Transfer: CSU

Corequisite: DHYG 57

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

56A Community Dental Health I **1 unit**

Study of individual and community oral health problems relative to personal, family, and public health needs. 1 hour lecture.

Strongly Recommended: COMM 1 or , COMM 10 or , COMM 30

Corequisite: DHYG 80A (completed with a grade of "C" or higher)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

56B Community Dental Health II **1 unit**

Continuation of Dental Hygiene 56A. Individual and community oral health problems, with emphasis on the dental hygienist as a resource person. 1 hour lecture. Transfer: CSU

Prerequisite: DHYG 56A (completed with a grade of "C" or higher)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

57 Expanded Functions for the Dental Hygienist **2 units**

Dental hygiene advanced clinical functions including clinical practice in administration of local anesthetics, topical anesthetic agents, nitrous oxide/oxygen analgesia and soft tissue curettage. 1 hour lecture, 3 hours clinical. Transfer: CSU

Corequisite: DHYG 54 and , DHYG 81A

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

58 Dental Office Practice **1 unit**

Dental office practices based on sound dental economics, legal and ethical framework of the State Dental Practice Act, and patient needs and services. 1 hour lecture. Transfer: CSU

Corequisite: DHYG 81B

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

60 Dental Anatomy and Morphology **1½ units**

Development, eruption, and structures of the intraoral cavity and extraoral structures; structures of the teeth, tooth numbering systems, occlusion and anomalies. Identification of teeth and oral structures. Prerequisite: Admission into the Dental Hygiene Program. 1.5 hours lecture. Transfer: CSU

Corequisite: DHYG 60S , DHYG 69A and , DHYG 71A

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

60S Dental Anatomy and Morphology Independent Study **½ unit**

Supplemental instruction on the development, eruption, and structures of the intraoral cavity and extraoral structures: structures of the teeth, tooth numbering systems, occlusion and anomalies. Identification of teeth and oral structures. 1.5 hours laboratory.

Corequisite: DHYG 60

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

61 Head and Neck Anatomy **2 units**

Anatomy of the head, neck and oral cavity; structure and function of the oral cavity and adjacent structures. Emphasis on clinical recognition of normal structures, , their vascular supply and the regional osteology. 2 hours lecture. Transfer: CSU

Corequisite: DHYG 69A and , DHYG 71A

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

61S Head and Neck Anatomy Independent Study 1 unit

Supplemental instruction on the embryology of the head, neck and oral cavity, structure and function of the oral cavity and adjacent structures. Emphasis on the recognition of normal structures, the anatomical relationships between structures and regional osteology. 3 hours laboratory.

Corequisite: DHYG 61

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

69B Treatment and Evaluation in Dental Hygiene 1 unit

Continued development of the principles of assessment in dental hygiene care. Prevention, non-surgical periodontal therapy and maintenance through application of the Dental Hygiene process, including assessment, planning, goal setting, implementing and evaluation used in providing dental hygiene care. Emphasis on evaluation of dental hygiene care as an essential component of the dental hygiene process. 1 hour lecture. Transfer: CSU

Prerequisite: DHYG 69A (completed with a grade of "C" or higher) and , DHYG 71A (completed with a grade of "C" or higher)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

71A Pre-Clinical Dental Hygiene 4 units

Laboratory and clinical experiences in patient assessment, dental hygiene care planning, goal setting and implementation of instrumentation techniques for providing prevention-oriented dental care and non-surgical periodontal therapy. Emphasis on post-treatment evaluation. Application of theory to the treatment of clinical patients. 2 hours lecture, 6 hours clinical. Transfer: CSU

Corequisite: DHYG 60 and , DHYG 69A and , DHYG 71S

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

71B Clinical Dental Hygiene 4 units

Continuation of laboratory and clinical experiences in patient assessment with emphasis on dental hygiene care planning, goal setting and implementation of instrumentation techniques for providing prevention-oriented dental care and non-surgical periodontal therapy. Emphasis on post-treatment evaluation. Introduction to the technical skills and procedures used in the clinical practice of dental hygiene. 1 hour lecture, 9 hours clinical. Transfer: CSU

Prerequisite: DHYG 71A (completed with a grade of "C" or higher) **Corequisite:** DHYG 69B and , DHYG 75

(RENAMED AND RENUMBERED COURSE)

72S Advanced Periodontal Procedure ½ unit

Lecture experiences in advanced instrumentation techniques; workshops on recognizing patients' medical needs and their relationship to dental treatment.

Prerequisite: DHYG 71B (completed with a grade of "C" or higher)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

73 Educational Theories in Dental Hygiene 1½ units

Basics of research processes associated with clinical dental hygiene practice. Teaching, learning, and research processes. Application of principles for patient education. Identification of effective environments for teaching and learning. 1 hour lecture. Transfer: CSU

Prerequisite: DHYG 69A and , DHYG 71A

Corequisite: DHYG 69B and , DHYG 71B

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

75 Medical Emergencies 1 unit

Prevention, recognition and management of medical emergencies that occur in the dental setting. 1 hour lecture. Transfer: CSU

Corequisite: DHYG 69B and , DHYG 71B

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

82A Clinical Experience Seminar I 1 unit

Discussion and analysis of case-based clinical situations. Case studies addressing client care, protocol and advanced clinical techniques. Exploration of and education in cultural and linguistic competence. 1 hour lecture. Transfer: CSU

Corequisite: DHYG 80A

EARLY CHILDHOOD DEVELOPMENT (ECD)

(NEW COURSE)

92 Creative Activities and Materials for Young Children 1 unit

Specific topics covering a variety of curriculum activities and materials such as: art, literacy, music, movement, block play, dramatic play, outdoor environments, science and math which are current and relevant to early childhood professionals. Focus is on Developmentally Appropriate Practice (DAP) criteria for curriculum development which is culturally responsive in Early Childhood classrooms. (Specific topic to appear in schedule of classes.) 1 hour lecture. Transfer: CSU

Requisites: none

(NEW COURSE)

93 Relationships, Interactions and Guidance Young Children 1 unit

Specific topics which provide a study of current concepts and issues in the key role of relationships, constructive teacher-child interactions, and guidance strategies supporting the development of all children. (Specific topic to appear in schedule of classes.) 1 hour lecture. Transfer: CSU

Requisites: none

(NEW COURSE)

94 Fostering Children's Cognitive Development and Language 1 unit

Specific topics which provide a study of current concepts and issues in the key role of fostering children's cognitive development and supporting the development of children's language. (Specific topic to appear in schedule of classes.) 1 hour lecture. Transfer: CSU

Requisites: none

ECONOMICS (ECN)

(NEW DEGREE)

AA-T ECONOMICS
ASSOCIATE IN ARTS FOR TRANSFER

An Economics education provides the student with a logical way of approaching various and sundry problems all of which provides qualitative and quantitative skills valued highly by employers. The student learns techniques for analyzing contemporary economic problems and develops the ability to exercise sound judgment in evaluating public policy issues. Many of these skills are useful in daily decision-making irrespective of career choice. The broad background developed as result of pursuing the Economics major encourages the student to become an interested, understanding observer of the events of today's and tomorrow's world.

Career Opportunities in Economics

The Economics major prepares the student for a broad variety of careers including those in law, journalism, banking and insurance, government, teaching, and research. In addition, the study of economics has become essential in today's dynamic and complex business environment. As of 2008, 28% of economics graduates ended up in business, finance, or associated professions. A 2013 University of Michigan study showed that Economics professors were the second highest paid from among 27 other disciplines with a median salary of \$92,070 per year that included both masters degrees and PhDs. The number of jobs over the next decade is expected to increase by about 14% from 2012 to 2022. Typical responsibilities of an economist are to: research and analyze economics issues; conduct surveys and collect data; analyze data using mathematical models and statistical techniques; prepare reports, tables, and charts that present research results; interpret and forecast market trends; advise business, governments, and individuals on economic problems; write articles for publications in academic journals and other media sources.

REQUIRED CORE (13-15 units):

ECN 1	Principles of Microeconomics	3
ECN 2	Principles of Macroeconomics	3
MTH 43	Introduction to Probability and Statistics	4
MTH 15	Applied Calculus I	3
or		
MTH 1	Calculus I	5

LIST A (Select one course (3-5units): Units

ENGL 4 Critical Thinking and Writing about Literature 3
 ENGL 7 Critical Thinking and Writing across Disciplines 3
 BIOL 2 Principles of Cell/Molecular Biology and Genetics 5
 BIOL 10 Introduction to the Science of Biology 4
 or
 BIOL 31 Introduction to College Biology 4
 BUS 1A Financial Accounting 4
 BUS 1B Managerial Accounting 4
 CHEM 10 Introduction to Chemistry 4
 or
 CHEM 31 Introduction to College Chemistry 4
 or

CHEM 30A Introductory and Applied Chemistry I 4
 or
 CHEM 1A General College Chemistry I 5
 CSCI 10 Introduction to Programming Using Visual BASIC.NET 4
 MTH 20 Pre-Calculus Mathematics 5
 MTH 2 Calculus II 5
 SOCI 1 Principles of Sociology 3

LIST B (3-5units):	Units
Any course(s) not used in LIST A	
ECN 10 General Economics	3
MTH 3 Multivariable Calculus	5

General Education Courses:

Total Units in the major: 19-24
 General Education: CSU/GE or IGETC (CSU): 37-39 Total Units
 double-counted for GE : 15-16
 Electives: CSU transferable courses: 15-19

Additional requirements:

All courses in the major or area of emphasis are required to have a grade of "C" or higher, and a cumulative GPA of 2.0 must be achieved. A "P" (Pass) grade is not an acceptable grade for courses in the major.

Total Units **19 - 25**

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

1 Principles of Microeconomics 3 units

Economic analysis of market systems, price theory, including supply and demand analysis, marginal utility, elasticity, cost and revenue concepts, perfect and imperfect competition, international trade theory, pricing of the factors of production, poverty and income inequalities. 3 hours lecture. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS; C-ID: ECON 201

Strongly Recommended: Eligibility for ENGL 1A

Prerequisite: MTH 53, MTH 53B, MTH 54, MTH 55, MTH 55L (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the mathematics assessment process.

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

2 Principles of Macroeconomics 3 units

Economic analysis of the theory of income determination, including national income analysis, business cycles, the consumption function, the multiplier, fiscal policy, monetary policy, money and banking, the public debt, economic growth and development, comparative economic systems and international trade. 3 hours lecture. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS; C-ID: ECON 202

Strongly Recommended: ENGL 1A

Prerequisite: MTH 53 or, MTH 53B or, MTH 54 or, MTH 54L or, MTH 55 or, MTH 55L (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics assessment process.

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

10 General Economics 3 units

Survey of the economic system of the United States, covering such macroeconomic and microeconomic topics as supply and demand, firms' output and pricing decisions, international trade, comparative economic systems, economic growth, business cycles, fiscal and monetary policy, labor, and money and banking. 3 hours lecture. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS

Requisites: none

ENGINEERING (ENGR)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

11 Engineering Design and Analysis 2 units

An introduction to the engineering design process from a practical and professional perspective. Student teams work on a term-long engineering project that entails the creation of a design for a useful object with moving parts that requires the application of some external power source. Conceptual and Critical/Final design reviews require teams to describe and justify the effectiveness, and likely customer-acceptance, of the design. The student designers: select materials, components, sources of supply; produce detailed parts-lists; create using CAD-tools detailed and dimensioned production and assembly drawings; create formal electrical and fluid-control component interconnection schematics; provide a detailed estimate for the production-cost. When needed students use engineering software tools (such as MATLAB) to assess and predict the kinematical, structural, thermal, electrical, fluid-flow, wear/corrosion, optical, and magnetic performance of the proposed design. Students are encouraged to build from the design plans a form-and-fit mock-up, or if possible a fully functioning prototype. 1 hours lecture, 3 hours laboratory. Transfer: CSU; UC

Strongly Recommended: ENGR 22

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

22 Engineering Design Graphics 3 units

Introduction to the engineering-design process, and to technical-graphic communications tools used by engineers. Conceptual design of products. Development of spatial reasoning skills. Orthographic and axonometric projection-drawing techniques. Tolerance analysis for fabrication. Documentation of designs through engineering working-drawings. Use of AutoCAD Computer-Assisted Drawing software as a design tool. Basic CAD 3-dimensional solid-modeling. 2 hours lecture, 3 hours laboratory. Transfer: CSU; UC

Strongly Recommended: MTH 37 and , ENGL 1A

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

25 Computational Methods for Engineers and Scientists 3 units

Methodology and techniques for solving engineering/science problems using numerical-analysis computer-application programs MATLAB and EXCEL. Technical computing and visualization using MATLAB software. Examples and applications from applied-mathematics, physical-mechanics, electrical circuits, biology, thermal systems, fluid systems, and other branches of science and engineering. 2 hours lecture, 3 hours laboratory. Transfer: CSU; UC

May not receive credit if Mathematics 25 or Physics 25 has been completed

Prerequisite: MTH 1

Strongly Recommended: Computer Science 8.

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

36 Engineering Mechanics - Statics 3 units

Force systems under equilibrium conditions; vector properties of forces, moments, couples, and resultants; rigid body structures; hydrostatics; shear and bending-moment diagrams; friction; centroids; area/mass moments of inertia. Graphical, algebraic, and numerical (computer) solutions of vector mechanics problems. 2 hours lecture, 3 hours laboratory. Transfer: CSU; UC

Prerequisite: PHYS 4A (completed with a grade of "C" or higher) and , ENGR 25 (completed with a grade of "C" or higher)

Strongly Recommended: MTH 2 concurrent enrollment encouraged)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

43 Electrical Circuits and Devices 4 units

Introduction to basic electrical engineering circuit-analysis and devices. DC, transient and AC circuit analysis methods, Kirchoff's laws, nodal/mesh analysis, network theorems, voltage and current sources, resistors, capacitors and inductors. Thévenin/Norton equivalent circuits. Natural and forced response of first and second order circuits. Steady-state sinusoidal circuit voltage/current analysis, and power calculations. Frequency response, phasors, Bode plots and transfer functions. Low/High/Band pass filters. Operational Amplifiers in DC, transient, and AC circuits. Diode and NMOS/PMOS FET characteristics. Diode and MOSFET circuits. Introduction to basic integrated-circuit technology and layout. Digital signals, logic gates, switching. Combinatorial logic circuits using AND/NAND OR/NOR gates. Sequential logic circuits using RS, D, and JK Flip-Flop gates. Computer based circuit-operation simulation using SPICE and MATLAB software. Electronics laboratory exercises demonstrating basic instruments, and experimental techniques in Electrical Engineering: DC current/voltage supplies, Digital MultiMeters (DMM), RLC Meters, oscilloscopes, and AC function generators. Measurements of resistance, inductance, capacitance, voltage, current, transient response, and frequency response. 3 hours lecture, 3 hours laboratory Transfer: CSU; UC

Prerequisite: PHYS 4A (completed with a grade of "C" or higher) and , ENGR 25 (completed with a grade of "C" or higher)

Strongly Recommended: PHYS 4B (concurrent enrollment encouraged)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

45 Materials of Engineering 3 units

Application of principles of chemistry and physics to the properties of engineering materials. The relation of microstructure to mechanical, electrical, thermal and optical properties of metals. Solid material phase equilibria and transformations. The physical, chemical, mechanical and optical properties of ceramics, composites, and polymers. Operation and use of materials characterization instruments and methods. 2 hours lecture, 3 hours laboratory Transfer: CSU; UC

Prerequisite: PHYS 4A (completed with a grade of "C" or higher) and , ENGR 25 (completed with a grade of "C" or higher) and , CHEM 1A (completed with a grade of "C" or higher)

ENGLISH (ENGL)

(REVISED CERTIFICATE)

CREATIVE WRITING CERTIFICATE

The Creative Writing certificate allows students to focus on developing their creative writing skills while exposing them to high-quality creative work by professional writers.

Career Opportunities in English

A Creative Writing Certificate can be useful preparation for a variety of Liberal Arts majors and many professional fields, including journalism, advertising, public relations, education, publishing, nonprofit, and more.

Core Courses

Select three courses from the following for a total of 9 units:

	Units
ENGL 11A Introduction to Creative Writing	3
ENGL 12A The Craft of Writing - Fiction	3
ENGL 13A Craft Of Writing - Poetry	3
ENGL 11B Intermediate Creative Writing	3
ENGL 12B Intermediate Craft of Writing - Fiction	3
ENGL 13B Intermediate Craft of Writing - Poetry	3

Elective Classes:

Select two courses from the following for additional 6 units:

	Units
ENGL 20 Studies in Shakespeare	3
ENGL 21 The Evolution of the Black Writer	3
ENGL 22 Mexican American/Latino Literature of the U.S.	3
ENGL 24 Storytelling in Modern American Novels and Films	3
ENGL 25 Asian-American Literature	3
ENGL 26 The Literature of Immigration and Migration	3
ENGL 28 Classic and Contemporary Youth Literature	3
ENGL 31 Introduction to Gay and Lesbian Literature	3
ENGL 32 U.S. Women's Literature	3
ENGL 35 Modern and Contemporary U.S. Literature	3
ENGL 41 World Literature (17th Century to the Present)	3
ENGL 45 Studies in Fiction	3
ENGL 48 The Literature of the Holocaust	3
THTR 16A Introduction to Dramatic Writing	3
MCOM 25 Magazine and Newspaper Feature Writing	3

Total Units 15

(REVISED DEGREE)

ENGLISH (EMPHASIS IN LITERATURE) ASSOCIATE IN ARTS

The English Associate in Arts degree will allow students to fulfill the first two years of coursework towards a bachelor's degree in English while also fulfilling general education requirements. In addition, this degree is useful preparation for other liberal arts degrees, and will offer students an enriched background towards professional preparation in fields from education to law. All of the courses for the degree transfer to universities and colleges.

Career Opportunities in English

English majors go into a variety of fields, including law, education, publishing, business, government, media relations, entertainment, counseling, journalism, technical writing, nonprofit, development and fundraising, and many more.

Required Core (6 units) Units

ENGL 1A Critical Reading and Composition and	3
ENGL 4 Critical Thinking and Writing about Literature	3

Elective Classes

List A: Select Three (9 units) Units

ENGL 20 Studies in Shakespeare	3
or	
ENGL 21 The Evolution of the Black Writer	3
or	
ENGL 22 Mexican American/Latino Literature of the U.S.	3
or	
ENGL 24 Storytelling in Modern American Novels and Films	3
or	
ENGL 25 Asian-American Literature	3
or	
ENGL 26 The Literature of Immigration and Migration	3
or	
ENGL 28 Classic and Contemporary Youth Literature	3
or	
ENGL 31 Introduction to Gay and Lesbian Literature	3
or	
ENGL 32 U.S. Women's Literature	3
or	
ENGL 35 Modern and Contemporary U.S. Literature	3
or	
ENGL 41 World Literature (17th Century to the Present)	3
or	
ENGL 45 Studies in Fiction	3
or	
ENGL 48 The Literature of the Holocaust	3

Additional Elective Classes

List B: Select One (3 units)

Any additional course from the list above, or: **Units**

ENGL 7	Critical Thinking and Writing across Disciplines	3
or		
ENGL 11A	Introduction to Creative Writing	3
or		
ENGL 12A	The Craft of Writing - Fiction	3
or		
ENGL 13A	Craft Of Writing - Poetry	3
or		
SERV 85A *	Learning in Action: Beginning	3

General Education Courses

Units

For specific General Education courses refer to catalog section on A.A. Graduation Requirements.

Total Units **18**

*This is a variable unit course which must be taken for 3 units to fulfill List B requirements for this degree

(RENAMED AND RENUMBERED COURSE)

19A Literary Magazine Workshop; **1 unit**

Practical workshop training in the managing, editing, and printing of a literary supplement and/or magazine. Workshop enrollment constitutes the staff of the magazine. 1 hour lecture. Transfer: CSU
Strongly Recommended: Eligibility for ENGL 1A

(NEW COURSE)

19B Intermediate Literary Magazine Workshop **1 unit**

Intermediate level: continued collaborative evaluation and selection of manuscripts and art work for publication in annual student journal. Magazine design and production, both print and web based. Magazine management, planning, editing, design, promotion, printing, and distribution. 1 hour lecture. Transfer: CSU

Strongly Recommended: Eligibility for ENGL 1A

Prerequisite: ENGL 19A (completed with a grade of "C" or higher)

(DELETED COURSE)

107 Introduction to English Grammar **3**

ENGLISH AS A SECOND LANGUAGE (ESL)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

108 Basic Spelling for English as a Second Language **1 unit**

Basic sound/spelling patterns of English. Develops an understanding of the sounds and symbols of English, including open/closed syllables, short and long vowel sounds, consonant and consonant cluster sounds, spelling of homophones and other problem words in everyday English. Includes basic dictionary use. 1 hour lecture.

Requisites: none

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

109 Vocabulary Skills **1 unit**

Build language proficiency by learning new vocabulary and developing vocabulary-building skills. 1 hour lecture, 1 hour laboratory.

Requisites: none

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

110A High Beginning Reading and Writing **6 units**

A comprehensive review of basic sentence types; short writing assignments; reading fiction and nonfiction; reinforces fluency in reading, writing, and grammar. 6 hours lecture.

Requisites: none

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

110B Intermediate Reading and Writing **6 units**

Logical paragraph development; reading both fiction and nonfiction; emphasis on the development of vocabulary and grammatical structures of written English. 6 hours lecture.

Prerequisite: ESL 110A (completed with a grade of "P" or higher) or Eligibility for ESL 110B demonstrated through the ESL Placement Process

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

110C High Intermediate Reading and Writing **6 units**

Expository paragraphs and short essays; fiction and nonfiction reading; emphasis on the development of vocabulary and grammatical structures of written English. 6 hours lecture.

Prerequisite: ESL 110B (completed with a grade of "P" or higher) or

Eligibility for: ESL 110C demonstrated through the ESL Placement Process

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

110D Advanced Reading and Writing **6 units**

Expository essays; critical reading; emphasis on advanced development of vocabulary and grammatical structures of written English. 6 hours lecture.

Prerequisite: ESL 110C (completed with a grade of "P" or higher) or eligibility for ESL 110D demonstrated through the ESL Placement Process

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

111B Academic Listening and Speaking **2 units**

Group and individual practice producing and responding to oral English in the academic environment. 1 hour lecture, 3 hours laboratory.

Requisites: none

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

114 Editing for the Advanced ESL Writer **2 units**

Use of standard written English to develop personal strategies for self-editing. Designed to ease the transition between explicit ESL instruction and the fluency demands of mainstream English curriculum. 2 hours lecture.

Strongly Recommended: ESL 110D (completed with a grade of "P" or higher) or Eligibility for ENGL 101A demonstrated through the English Placement Process

(DELETED COURSE)

129 Vocabulary Usage for ESL: Idiomatic Expressions 1 unit

(NEW COURSE)

150 Guided ESL Skills Lab 1 unit

The guided ESL skills lab supplements classroom instruction for any ESL student. In a supportive, guided lab setting, students use educational software, online and audio-visual materials, one-on-one coaching, and other valuable resources to expand and enrich the learning experience beyond the classroom. 1 hour lecture, 1 hour laboratory.

Requisites: none

ENTREPRENEURSHIP (ENTR)

(REVISED DEGREE)

ENTREPRENEURSHIP ASSOCIATE IN SCIENCE

The degree program prepares students to start a new business, or to make an existing business more successful. Coursework focuses on development of broad business and communications skills, plus the specific skills and plans required to succeed as an entrepreneur. If your main goal is transfer to a four-year school, consider completing the AA in Business Administration instead.

Freshman Year

BUS 7	Accounting for Small Business	3
BUS 36	Introduction to Marketing	3
ENTR 1	Introduction to Entrepreneurship	3
BUS 16	Business Mathematics	3
ENTR 20	Marketing for Entrepreneurs	3

Sophomore Year

BUS 10	Business Law	4
ENTR 30	The Business Plan	3
BUS 92	Excel Spreadsheets for Accounting	2
or		
BUS 93	QuickBooks	2

Options: Select nine units from the following options: Units

ENTR 5	The Entrepreneurial Mindset	3
ENTR 40	Business Incubation and Launch	3
BUS 12	Introduction to Business	3
BUS 22	Introduction to Management	3
BUS 50G	Negotiating Skills	1
BUS 50J	Time Management Skills	1
BUS 50N	Dealing with Difficult People	1
BUS 50K	Listening Skills	1
CAS 50	Introduction to Computer Application Systems	3
or		
CSCI 8	Computer Literacy	3
PSY 45	Psychology of Creativity and Innovation	3

A.S. General Education Specific requirement: Units
BUS 14 Business Communications 3

General Education Units for the A.S. Degree
For specific A.S. General Education courses refer to the catalog section on A.S. Graduation Requirements.

Total Units 33

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

20 Marketing for Entrepreneurs 3 units

Marketing strategy and techniques for start-up and small businesses. Focus on low-cost, flexible, innovative marketing tools including social media and Internet marketing. 3 hours lecture. Transfer: CSU

Requisites: none

FRENCH (FRNC)

(REVISED DEGREE)

FRENCH ASSOCIATE IN ARTS

This program consists of four semesters of thorough linguistic and cultural training in French. French is one of the world's most influential languages and there are opportunities for working in many industries where knowledge of French is considered valuable. Many majors at four year universities have foreign language requirements that would be satisfied with the language courses in this degree program. Courses offered in this program meet general education and transfer requirements.

Freshman Year Units

FRNC 1A	Beginning French	5
or		
FRNC 1A1	Beginning French 1 and	3
FRNC 1A2	Beginning French 2 and	3
FRNC 1B	Elementary French	5
or		
FRNC 1B1	Elementary French 1 and	3
FRNC 1B2	Elementary French 2	3

Sophomore Year

FRNC 2A	Intermediate French	4
FRNC 2B	Advanced French	4

General Education Courses

For specific General Education courses refer to catalog section on A.A. Graduation Requirements.

Total Units 18 - 20

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

1A Beginning French 5 units

Introduction to the French-speaking cultures of the world featuring the study and practice of the four language skills (listening, speaking, reading, and writing) of French. Following an immersion instruction format, the class is entirely taught in the target world language of the selected course. May not receive credit if FRNC 1A1 and/or 1A2 have been completed. 5 hours lecture, 1 hour laboratory. Transfer: CSU; UC; CSU/GE; AA/AS

Strongly Recommended: Eligibility for ENGL 1A

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

1B Elementary French 5 units

Further study of French-speaking cultures of the world featuring the acquisition of the four language skills (listening, speaking, reading, and writing) of French begun in French 1A. Following an immersion instruction format, the class is entirely taught in the target world language of the selected course. May not receive credit if FRNC 1B1 and/or 1B2 have been completed. 5 hours lecture, 1 hour laboratory. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS

Prerequisite: FRNC 1A (completed with a grade of “C” or higher) or FRNC 1A2 with a grade of “C” or higher

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

2A Intermediate French 5 units

Review of grammar; reading of works of modern authors; practice in conversation and composition. Following an immersion instruction format, the class is entirely taught in the target world language of the selected course. 4 hours lecture, 1 hour laboratory. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS

Prerequisite: FRNC 1B (completed with a grade of “C” or higher) or , FRNC 1B2 (completed with a grade of “C” or higher)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

2B Advanced French 5 units

Reading of Francophone authors; advanced review of grammar; emphasis on speaking and composition. Following an immersion instruction format, the class is entirely taught in the target world language of the selected course. 4 hours lecture, 1 hour laboratory. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS

Prerequisite: FRNC 2A (completed with a grade of “C” or higher)

(NEW COURSE)

1A1 Beginning French 1 3 units

Introduction to the French-speaking cultures of the world featuring the study and practice of the four language skills (listening, speaking, reading, and writing) of French. Following an immersion instruction format, the class is entirely taught in the target world language of the selected course. May not receive credit if FRNC 1A has been completed. 3 hours lecture, 1 hour laboratory. Transfer: CSU; UC; CSU/GE; AA/AS

Strongly Recommended: Eligibility for ENGL 1A

(NEW COURSE)

1A2 Beginning French 2 3 units

Further study of the French-speaking cultures of the world featuring the study and practice of the four language skills (listening, speaking, reading, and writing) of French. Following an immersion instruction format, the class is entirely taught in the target world language of the selected course. May not receive credit if FRNC 1A has been completed. 3 hours lecture, 1 hour laboratory. Transfer: CSU; UC; CSU/GE; AA/AS

Prerequisite: FRNC 1A1 (completed with a grade of “C” or higher)

(NEW COURSE)

1B1 Elementary French 1 3 units

Further study of French-speaking cultures of the world featuring the acquisition of the four language skills (listening, speaking, reading, and writing) of French begun in French 1A2. Following an immersion instruction format, the class is entirely taught in the target world language of the selected course. May not receive credit if FRNC 1B has been completed. 3 hours lecture, 1 hour laboratory. Transfer: CSU; UC; CSU/GE; AA/AS

Prerequisite: FRNC 1A (completed with a grade of “C” or higher) or , FRNC 1A2 (completed with a grade of “C” or higher)

(NEW COURSE)

1B2 Elementary French 2 3 units

Continue study of French-speaking cultures of the world featuring the acquisition of the four language skills (listening, speaking, reading, and writing) of French begun in French 1B1. Following an immersion instruction format, the class is entirely taught in the target world language of the selected course. May not receive credit if FRNC 1B has been completed. 3 hours lecture, 1 hour laboratory. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS

Prerequisite: FRNC 1B1 (completed with a grade of “C” or higher)

GENERAL STUDIES (GNST)

(RENAMED AND /RENUMBERED COURSE)

5A Passion and Purpose 2 units

Exploration and discovery of personal passions in the context of social and family relationships, serving the wider community, and analyzing and understanding higher education – particularly at Chabot College. Focus on connection of passion to one’s talents and potential purpose(s) in life. 1 hour lecture, 3 hours laboratory. Transfer: CSU

Requisites: none

GEOGRAPHY (GEOG)

(NEW COURSE)

13 Climate Studies 3 units

Climate Science is a rapidly evolving interdisciplinary field focused on the principles that govern climate, climate variability, and climate change with their implications for society. Elements of the climate system, atmospheric events and processes; factors controlling Earth's climate types, climate classification, and contemporary technological tools and instrumentation used in atmospheric science. Examination of the climate record, paleoclimates, and climate modeling and forecasting. Real-world investigations of climate change issues through observation, prediction, data analysis, and critical thinking. Emphasis on the influence of human activities on climate change, trends in global and regional climate change, and both the scientific basis and policy implications of air pollution, global warming, ozone depletion, acid rain, deforestation, and urbanization. The economic, social, and political environment that interacts with the everyday experience and potential threats of global climate change. 3 hours lecture. Field trips and observational activities may be included. Transfer: CSU; UC; CSU/GE; AA/AS

Strongly Recommended: Eligibility for ENGL 1A

HISTORY (HIS)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

3 World History: Beginning to 1500 3 units

A survey of world history from the beginning of civilization and ancient cultures to 1500 C.E. Interconnections and divergence among cultures and civilizations in a global context will be emphasized. During the classical period, up to 500 C.E., similarities and differences as civilizations developed will be examined. The postclassical period, 500 to 1500, will look specifically at contact and interaction among peoples. Broader forces that affect civilizations such as trade patterns, migration, nomadism, syncretism, and disease patterns will be studied. 3 hours lecture. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS

Requisites: none

INTERIOR DESIGN (INTD)

(REVISED DEGREE)

INTERIOR DESIGN ASSOCIATE IN SCIENCE

This two-year diploma program prepares students to design commercial, office, retail, institutional and residential solutions to real design problems. The program emphasizes space planning, creative problem-solving, communication skills, knowledge of building materials and construction, furnishings, presentation, conventional and computeraided drafting, and the history of design.

Freshman Year

INTD 50	Residential Space Planning	3
INTD 54	Principles of Interior Design	3
INTD 55	Introduction to Textiles	3
INTD 52	History of Interiors and Furnishings	3
INTD 62	Kitchen and Bathroom Design	3
INTD 68	CAD for Architecture and Interior Design	3
or		
ARCH 68	CAD for Architecture and Interior Design	3

Sophomore Year

INTD 58	Fundamentals of Lighting	3
INTD 60	Materials and Resources	3
INTD 72	Commercial Interior Design	3
INTD 56	Professional Practices	3
INTD 48	Drafting for Interior Designer	3

General Education Units for A.S. Degree

For specific A.S. General Education courses refer to catalog section on A.S. Graduation Requirements.

REQUIRED MAJOR SPECIFIC G.E. REQUIREMENT. Units

Complete a minimum of 3 units from the following.

ART 23	2-D Foundations	3
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Total Units 33

(REVISED CERTIFICATE)

INTERIOR DESIGN CERTIFICATE OF ACHIEVEMENT

Core Courses

ART 23	2-D Foundations	3
INTD 50	Residential Space Planning	3
INTD 52	History of Interiors and Furnishings	3
INTD 55	Introduction to Textiles	3
INTD 62	Kitchen and Bathroom Design	3
or		
INTD 48	Drafting for Interior Designer	3
INTD 68	CAD for Architecture and Interior Design	3
or		
ARCH 68	CAD for Architecture and Interior Design	3
INTD 72	Commercial Interior Design	3
INTD 54	Principles of Interior Design	3
INTD 56	Professional Practices	3
INTD 58	Fundamentals of Lighting	3
INTD 60	Materials and Resources	3

Total Units 33

(REVISED CERTIFICATE)

KITCHEN AND BATH DESIGN CERTIFICATE OF ACHIEVEMENT

Freshman Year

INTD 50	Residential Space Planning	3
INTD 52	History of Interiors and Furnishings	3
INTD 62	Kitchen and Bathroom Design	3
INTD 54	Principles of Interior Design	3
INTD 56	Professional Practices	3
INTD 58	Fundamentals of Lighting	3
INTD 60	Materials and Resources	3

Sophomore Year

INTD 48	Drafting for Interior Designer	3
INTD 68	CAD for Architecture and Interior Design	3
or		
ARCH 68	CAD for Architecture and Interior Design	3
INTD 70	Advanced Kitchen and Bath Design	3
BUS 95	Work Experience	2
or		
WEXP 95	Work Experience	2
BUS 96	Work Experience Seminar	1
or		
WEXP 96	Work Experience Seminar	1

To become National Kitchen and Bath Association certified, 120 hours of internship are required.

Total Units **33**

(NEW COURSE)

48 Drafting for Interior Designer 3 units

Drafting for Interior Designers course will introduce tools and techniques necessary for interior designers to prepare drawings of interior spaces that will enhance and protect the health, safety, and welfare of the public. 3 hours lecture. Transfer: CSU

Requisites: none

(DELETED COURSE)

66 Special Needs Design 3 units

KINESIOLOGY (KINE)

(NEW CERTIFICATE)

COACHING CERTIFICATE OF PROFICIENCY

Completion of the following course work along with a background check will make the student eligible for hire as a youth and/or high school athletic coach.

Required Courses Units

KINE 1	Introduction to Kinesiology & Physical Education	3
KINE 3	Introduction to Principles of Coaching Interscholastic Sports: Beyond the Basics	3
KINE 18	Introduction to CPR and First Aid for Coaches	2
or		
EMS 1	First Responder	2.5

Physical Education Courses

PEAC WEI1	Introduction to Weight Training	0.5-2
PEAC SPM1	Speed, Plyometric and Agility Training for Men	0.5-2
or		
PEAC PLF1	Plyometrics and Agility Training for Women	0.5-2

and one course from the following: units

KINE 12BK	Introduction to Basketball Officiating	2
KINE 3BB	Introduction to the Principles of Coaching Baseball	2
KINE 3FT	Introduction to Coaching Football	2
KINE 3SF	Introduction to Coaching Softball	2
KINE 3SO	Introduction to Coaching Soccer	2
KINE 3TK	Introduction to Coaching Track and Field	2
KINE 23	Techniques of Strength Training Instruction	3

Total Units **11 - 15.5**

DANCE (DANC)

(NEW COURSE)

DANC HAT1 Beginning Haitian Dance ½ - 2 units

The course is designed to introduce students to beginning Haitian Dance. The history, basic footwork and dances will be covered. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE; AA/AS

Requisites: none

(NEW COURSE)

DANC HAT 2 Intermediate Haitian Dance ½ - 2 units

Designed to further the skills and knowledge of the beginning Haitian dancer. Student will be introduced to a greater variety of floor progressions, bar work and choreography in Haitian dance. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE; AA/AS

Prerequisite: DANC HAT1 (completed with a grade of "C" or higher)

(DELETED COURSE)

KIN PAD 1 Prevention of Type 2 Diabetes through Nutrition and Exercise 1 unit

(NEW COURSE)

DMP Prevention of Type 2 Diabetes through Nutrition and Exercise 2 units

Designed to lower the risk factors of metabolic syndrome and adult type II diabetes in young adults. This course will include both lecture and exercise activities aimed at lowering body fat, elevated blood pressure and elevated blood sugar levels. 1 hour lecture, 3 hours laboratory. Transfer: CSU

Requisites: none

PHYSICAL EDUCATION ACTIVITY (PEAC)

(NEW COURSE)

PEAC ARH4 Tournament Archery ½–2 units

Designed to allow the advanced archer to hone their competitive shooting skills in a tournament setting. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Prerequisite: PEAC ARH3 (completed with a grade of “C” or higher)

(NEW COURSE)

PEAC BSM1 Introduction to Men’s Bubble Soccer ½–2 units

Designed to introduce men to the rules and strategies of the fast and popular sport of bubble soccer. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Requisites: none

(NEW COURSE)

PEAC BSW1 Introduction to Women’s Bubble Soccer ½–2 units

Designed to introduce women to the rules and strategies of the fast and popular sport of bubble soccer. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Requisites: none

(NEW COURSE)

PEAC CHR1 Beginning Cheer ½–2 units

Designed for students who wish to actively participate at Chabot College events in a cheer leading capacity. In addition to learning how to cheer at events, students will learn how to promote events using a variety of modes. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Strongly Recommended: Student must be physically fit and willing to dedicate countless hours outside of the assigned class time to Chabot College events

(NEW COURSE)

PEAC CHR2 Intermediate Cheer Leading ½–2 units

Designed to further the skills of cheer leading and event entertainment. Students will learn how to invoke crowd participation at sporting events. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Prerequisite: PEAC CHR1 (completed with a grade of “C” or higher)

(NEW COURSE)

PEAC DIS1 Introduction to Disc Sports ½–2 units

Introductory course with instruction in various sport activities associated with a flying disc. Class will include instruction in basic throws and catches, along with instruction in the rules and participation in ultimate, double disc court and disc golf. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Requisites: none

(NEW COURSE)

PEAC DOD1 Introduction to Dodge Ball ½–2 units

Designed to introduce safety, rules, strategy and principles of tournament dodge ball. This course will enhance physical fitness in a competitive and social arena. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Requisites: none

(NEW COURSE)

PEAC FFR1 Fitness for the First Responder Introduction ½–2 units

Designed to support those students in the emergency response disciplines. An introduction to physical aspects of first response including aerobic and anaerobic training, core, strength, and strength endurance work. Injury prevention, shift work considerations and basic nutrition will also be addressed. 2-8 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Requisites: none

(NEW COURSE)

PEAC FIT2 Intermediate Fitness for Everyone ½–2 units

Designed for the student who wants to continue to improve their overall fitness level but cannot attend a traditional class setting due to a dynamic personal schedule. Transfer: CSU; UC; CSU/GE, AA/AS 2-6 hours laboratory.

Prerequisite: PEAC FIT1 (completed with a grade of “P” or higher)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

PEAC FLW1 Physical Fitness for Law Enforcement ½–2 units

This course is designed to prepare the administration of justice student for pre-employment physical ability testing, physical aspects of the Police Academy, and the maintenance of fitness and wellness as an incumbent. Course sessions will address aerobic and strength training, muscular endurance, nutrition and weight management, agility, coordination, balance and flexibility. An emphasis will be placed on injury prevention and back care. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Requisites: none

(NEW COURSE)

PEAC FLW4 Tactical Fitness for Law Enforcement ½ -2 units

Physical training for students or incumbents who have successfully completed FLW 3, advanced training for Law Enforcement. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Prerequisite: PEAC FLW3 (completed with a grade of “P” or higher)

(RENAMED AN RENUMBERED COURSE)

PEAC FTS1 Futsal ½–2 units

Indoor Futsal is a fast paced form of indoor soccer that uses a different ball and places a large emphasis on technical skill and ability in situations of high pressure, and is subsequently an excellent training ground for developing foot skills that can be translated into the 11-a-side format of the game. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Requisites: none

(NEW COURSE)

PEAC FTS2 Intermediate Futsal ½–2 units

Designed to teach intermediate skills and strategies of futsal in a fun and semi-competitive atmosphere. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Prerequisite: PEAC FTS1 (completed with a grade of “P” or higher)

(NEW COURSE)

PEAC FTS3 Advanced Futsal ½–2 units

Designed to teach and develop the advanced skills and strategies needed to play futsal at a highly competitive level. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Prerequisite: PEAC FTS2 (completed with a grade of “P” or higher)

(NEW COURSE)

PEAC FUN1 Core Conditioning for Abs, Hips and Thigh, ½–2 units

This beginning course will develop core strength and improve total body fat loss through a high intensity training program. Course is moderate to hard in intensity. 1/2 hour lecture, 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Strongly Recommended: Personal physician’s approval to exercise vigorously.

(NEW COURSE)

PEAC FUN4 Fat Loss through Functional Training ½–2 units

Designed for students who would like to lower the percentage of body fat through functional training. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Prerequisite: PEAC FUN3 (completed with a grade of “P” or higher)

(RENAMED COURSE AND UNIT CHANGE)

PEAC HER1 Basic Heart Rate Training: Fitness Training Utilizing a Heart Rate Monitor ½–2 units

Improvement of cardiovascular fitness through the use of a heart rate monitor. Use of a heart rate monitor, target heart rate training zones and adult type II diabetes prevention will be covered. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Requisites: none

(NEW COURSE)

PEAC HER2 Intermediate Heart Rate Training ½–2 units

Improvement of overall fitness utilizing a heart rate monitor to enhance the training process. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Prerequisite: PEAC HER1 (completed with a grade of “C” or higher)

(NEW COURSE)

PEAC HTA4 Extreme Hips, Thighs and Abs Workout ½-2 units

This course is designed to provide an extreme high intensity interval functional workout for the whole body. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Prerequisite: PEAC HTA3 (completed with a grade of “C” or higher)

(NEW COURSE)

PEAC ITC1 Integrated Core Fitness ½–2 units

Integrated Core Fitness is designed to use a plethora of exercises in a high intensity interval training system to reduce belly fat, tone the body and improve cardiovascular endurance. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Strongly Recommended: Physician’s approval to begin a strenuous exercise program

(NEW COURSE)

PEAC ITC2 Intermediate Integrated Core Fitness ½–2 units

Designed for students who want to accomplish their goals in strength, fitness and body fat loss through high intensity interval training. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Prerequisite: PEAC ITC1 (completed with a grade of “C” or higher)

Strongly Recommended: Physician’s approval to participate in high intensity exercise

(NEW COURSE)

PEAC ITC 3 Advanced Integrated Core Fitness ½-2 units

Designed for students who want to improve their fitness and lose body fat through high intensity training and a total body workout. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Prerequisite: PEAC ITC2 (completed with a grade of “C” or higher)

(NEW COURSE)

PEAC PLF2 Intermediate Plyometric and Agility Training for Women ½–2 units

Designed for the woman who has completed the beginning plyometric and agility training course to continue to advance her strength levels, skills and ability in power training. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Prerequisite: PEAC PLF1 (completed with a grade of “C” or higher)

(NEW COURSE)

PEAC SOCL Advanced Club Level Soccer ½–2 units

Designed for the student who has aspirations to club level soccer in the local recreational leagues. This course will cover all aspects of beginning to intermediate team play at the recreational level. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Requisites: none

(NEW COURSE)

PEAC SPM2 Intermediate Plyometric and Speed Training for Men ½–2 units

Intermediate course on the development of speed and power for men. Training will have a strong emphasis on advanced plyometric training techniques along with speed and agility training. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Prerequisite: PEAC SPM1 (completed with a grade of “P” or higher)

(NEW COURSE)

PEAC SSB2 Intermediate Sport Specific Training for Softball ½-2 units

Designed to improve female softball players knowledge and skills to the intermediate level of play. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Prerequisite: PEAC SSB1 (completed with a grade of “C” or higher)

(NEW COURSE)

PEAC SSB3 Advanced Training for Softball ½-2 units

Designed for the female softball player to develop her hitting, throwing and base running skills to the advanced level. High level game strategy will be covered. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Prerequisite: PEAC SSB2 (completed with a grade of “C” or higher)

(NEW COURSE)

PEAC TBB2 Intermediate Tournament Baseball League ½-2 units

Designed for advanced baseball students to improve sport specific individual, group and team skills while participating in actual Baseball games. An extensive baseball background and previous experience is needed for success in this class. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Prerequisite: PEAC TBB1 (completed with a grade of “C” or higher)

Strongly Recommended: Student should be a member of a team and/or established and recognized baseball league.

(NEW COURSE)

PEAC TKD2 Intermediate Tae Kwon Do ½-2 units

Designed to further the development of the beginning student in the ancient art of Tae Kwon Do. Intermediate skills in blocking, kicking, punching and katas will be introduced. This is the second in a series of structured martial art courses in the way of the “fist and foot.” 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Prerequisite: PEAC TKD1 (completed with a grade of “C” or higher)

(NEW COURSE)

PEAC TKD3 Advanced Tae Kwon Do ½ -2 units

Designed to develop the advanced skills, theory and philosophy in the ancient art of Tae Kwon Do. Students will be introduced to advance forms of katas, blocks, kicking and defensive moves. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Prerequisite: PEAC TKD 2 (completed with a grade of “C” or higher)

(NEW COURSE)

PEAC TRI1 Beginning Triathlon Training ½-2 units

Designed to introduce the basics of training for a triathlon. Students will learn how to train for the bike, in the pool and on the roads running. Prior swimming experience is required. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Strongly Recommended: The student must be able to swim before taking this class. This course is NOT a swim class.

(NEW COURSE)

PEAC TRI2 Intermediate Triathlon Training ½-2 units

Designed to further enhance the training skills learned in Beginning Triathlon to an intermediate level. Students will be introduced and practice anaerobic threshold training. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Prerequisite: PEAC TRI1 (completed with a grade of “C” or higher)

(NEW COURSE)

PEAC VOL2 Intermediate Volleyball ½-2 units

This course is designed to teach the intermediate skills of volleyball and to promote sportsmanship in a coeducational activity. Students will learn about current rules and effective game strategy. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Strongly Recommended: PEAC VOL1 (completed with a grade of “C” or higher)

(NEW COURSE)

PEAC VOL3 Advanced Volleyball ½-2 units

This course is designed to teach advanced skills and strategy in recreational volleyball. Students will learn a variety of setting, hitting and blocking drills to enhance their ability. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Prerequisite: PEAC VOL2 (completed with a grade of “C” or higher)

(NEW COURSE)

PEAC WLK4 Walk/Jog for Total Fitness ½-2 units

The fourth in a series of walking fitness courses to improve cardiovascular fitness. The goal of this course is bridge the gap between walking and jogging through a gradual and progressive training plan. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Prerequisite: PEAC WLK3 (completed with a grade of “C” or higher)

(NEW COURSE)

PEAC WSC1 Women’s Recreational Soccer ½-2 units

This course is designed to teach recreational soccer to women. Students will learn the skills of trapping, passing and strategy used in recreational play. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Requisites: none

(NEW COURSE)

PEAC WSC2 Women’s Intermediate Recreational Soccer ½-2 units

Designed to provide women with an understanding and an opportunity to learn and play soccer recreationally at an intermediate level. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Prerequisite: PEAC WSC1 (completed with a grade of “P” or higher)

(NEW COURSE)

PEAC WSC3 Women’s Advanced Recreational Soccer ½-2 units

Designed to provide women at Chabot the opportunity to play soccer recreationally at an advanced level. Transfer: CSU; UC; CSU/GE, AA/AS

Prerequisite: PEAC WSC2 (completed with a grade of “P” or higher)

(NEW COURSE)

PEAC YOG4 Yoga for Life ½-2 units

Designed for the advanced yoga student to learn yoga routines that can be performed throughout life. 2-6 hours laboratory. Transfer: CSU; UC; CSU/GE, AA/AS

Prerequisite: PEAC YOG3 (completed with a grade of “C” or higher)

MATHEMATICS (MTH)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

6 Elementary Linear Algebra 3 units

Introduction to linear algebra: matrices, determinants, systems of equations, vector spaces, linear transformations, eigenvalue, eigenvectors, applications. 3 hours lecture. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS; CID: Math 250

Prerequisite: MTH 2 (completed with a grade of “C” or higher)

(DELETED COURSE)

40 Concepts of Mathematics 4 units

(DELETED COURSE)

40W Concepts of Mathematics Workshop

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

53 Applied Algebra and Data Analysis 6 units

Equations and formulas; linear, exponential, logarithmic and variation functions; measurement and conversion of units; exponents and scientific notation; introduction to descriptive statistics including graphical methods; introduction to probability. Intended for students who do not need calculus. Prerequisite: MTH 104 (completed with a grade of “C” or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process. 6 hours lecture., 1 hour laboratory.

Strongly Recommended: ENGL 102 or , ENGL 101B

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

53A Elementary Applied Algebra and Data Analysis 3 units

Equations and formulas; linear functions; scatterplots and linear models; measurement and conversion of units; proportional reasoning and problem solving. Intended for students who do not need calculus. Prerequisite: MTH 104 (completed with a grade of “C” or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process. 3 hours lecture., 1 hour laboratory.

Strongly Recommended: ENGL 102 or , ENGL 101B

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

53B Intermediate Applied Algebra and Data Analysis 3 units

Formulas; inverse, exponential, logarithmic functions, variation function; introduction to descriptive statistics including graphical methods; introduction to probability. Intended for students who do not need calculus.

Prerequisite: MTH 53A (completed with a grade of “C” or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process.

Strongly Recommended: ENGL 102 or , ENGL 101B

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

55 Intermediate Algebra 5 units

Concepts involving complex numbers, quadratic equations, parabolas and circles, functions and their graphs, systems of equations, rational exponents, radical equations, absolute value equations and inequalities, exponential and logarithmic functions and equations. 5 hours lecture.

Prerequisite: MTH 65 or , MTH 65L (completed with a grade of “C” or higher) an appropriate skill level demonstrated through the Mathematics Assessment process. May not receive credit if Mathematics 55A and Mathematics 55B or Mathematics 55L have been completed.

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

55L Intermediate Algebra with Laboratory 5½ units

Concepts involving complex numbers, quadratic equations, parabolas and circles, functions and their graphs, systems of equations, rational exponents, radical equations, absolute value equations and inequalities, exponential and logarithmic functions and equations. Includes laboratory time designed to reinforce concepts and enhance problem-solving skills. 1 hours lecture., 1 hour laboratory.

Prerequisite: MTH 65 or , MTH 65L (completed with a grade of “C” or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process. May not receive credit if Mathematics 55A and Mathematics 55B or Mathematics 55 have been completed.

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

65 Elementary Algebra 5 units

Elementary concepts, including signed numbers, integral exponents, polynomials and rational expressions; linear, quadratic and rational equations; linear inequalities; introduction to graphs and set theory; systems of equations. 5 hours lecture..

Prerequisite: MTH 104 (completed with a grade of “C” or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process. May not receive credit if Mathematics 65L or 65A and 65B have been completed.

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

65L Elementary Algebra with Laboratory 5½ units

Elementary concepts, including signed numbers, integral exponents, polynomials and rational expressions; linear, quadratic and rational equations; linear inequalities; introduction to graphs and set theory; systems of equations. Includes laboratory time designed to reinforce concepts and enhance problem-solving skills. 5 hours lecture., 1 hour laboratory.

Prerequisite: MTH 104 (completed with a grade of “C” or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process. May not receive credit if Mathematics 65 or 65A and 65B have been completed.

MUSIC

MUSIC APPLIED (MUSA)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

MUSA 21M Class Piano for Majors 1 unit

May be repeated 3 times

Skills development for music majors and minors in playing major and minor scales, diatonic chord progressions, treble and bass clef reading, and simple hands together part playing. 4 hour laboratory. Transfer: CSU

Prerequisite: MUSL 2A (completed with a grade of “C” or higher) and/or Passing of a placement examination by the instructor.

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

MUSA 23A Voice I 1 unit

May be repeated 3 times

Group singing with an emphasis on solo performance, tone production, breathing, diction, sight singing and interpretation of vocal literature. 4 hour laboratory. Transfer: CSU; UC

Prerequisite: MUSL 6 (completed with a grade of “C” or higher)

Corequisite: MUSL 6

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

MUSA 23B Voice II 1 unit

Development of skills in vocal performance, notation, literature. Emphasis on further development of technique and performance. 4 hour laboratory. Transfer: CSU; UC

Prerequisite: MUSA 23A (completed with a grade of “C” or higher)

MUSIC LITERATURE (MUSL)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

MUSL 3 World Music 3 units

The study of the folk and art music of world cultures. Includes the traditional music of Sub-Saharan Africa, Middle East, China, Japan, Indonesia, India, Latin America, Europe, and Native America. Attendance at world music concerts is required. 3 hours lecture. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS

Requisites: none

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

MUSL 5 American Cultures in Music 3 units

Music in twentieth century United States through the study of contributions of three selected groups from the following: African-Americans, Latin-Americans, Asian-Americans, European-Americans, and Native Americans. Emphasis on understanding diverse styles, and on integrating these styles into American music. Concert, religious, and folk-pop music will be included. 3 hours lecture. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS

Requisites: none

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

MUSL 6 Basic Music Skills 3 units

An introduction to the notation and primary elements of tonal music. Incorporates the following concepts: staff notation in treble and bass clefs, rhythm and meter; basic properties of sound; intervals; diatonic scales and triads; and diatonic chords. Development of skills in handwritten notation is expected. 3 hours lecture. Transfer: CSU; UC; CID: Music 110

Requisites: none

MUSIC PERFORMANCE (MUSP)

(REQUISITES CHANGED)

41 Chamber Winds 1 units

May be repeated 3 times

Chamber Winds is open to any instrumental musician wishing to experience chamber ensemble playing. Topics will include a variety of styles and techniques used in chamber performance. Enrollment subject to a standardized audition by the instructor demonstrating musical ability and technical proficiency at a level suitable to the course level. 4 hours laboratory.

Requisites: none

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

MUSP 47 College Production—Music 1–5 units

May be repeated 3 times

Participation in scheduled music productions. Includes music support for drama productions, college musicals, and other major performances. Enrollment is for the duration of the production. 3-15 hours laboratory. Transfer: CSU; UC

Requisites: none

NURSING (NURS)

(REVISED DEGREE)

30 UNIT LVN PATHWAY NON DEGREE RN

The Registered Nursing Program for Licensed Vocational Nurses meets the requirements of Section 2736.6 of the Nursing Practice Act and Section 1429 of the California Board of Registered Nursing Rules and Regulations. Upon completion of any of the curriculum options herein listed, the student is eligible to take the National Council Licensing Examination for Registered Nurses (NCLEX-RN).

The program prepares graduates who can contribute to the advancement of nursing science and influence changes in a variety of settings within the health care system. The graduate possesses a repertoire of knowledge, skills, and attributes that serve as the foundation for safe, competent practice and lifelong learning. LVNs who enter into the second year of the Nursing Program may opt for one of the three following: A.A. in Nursing, Non-Degree option, or 30-unit option. **The 30-unit option is offered and accepted only in the State of California.** Graduates of any of these options are eligible to take the National Council Licensing Examination for Registered Nurses (NCLEX-RN). However, unlike the A.A. graduate, whose eligibility to practice as a Registered Nurse is recognized by a process called "endorsement" in all of the United States, the licenses of graduates who choose the Non-Degree or 30-unit option may not be recognized in other states. Please see the Nursing Program Coordinator regarding the latter two options.

Prerequisite Courses

PHSI 1	Human Physiology	5
MICR 1	Microbiology	5
NURS 70	Nursing Theory: LVN-RN Transitions	1.5
NURS 84	Prescriptive Clinical Nursing Skills Practice	0.5

Equivalent courses will be accepted this includes MICR and PHSI courses with 4 units (science courses must include a lab)

The above courses must be completed with a "C" or better before validation or admission to the Nursing Program.

CLINICAL SEQUENCE

The LVN must complete the following curriculum with a "C" or better in each course regardless of the option chosen:

Sophomore Year

NURS 53	Mental Health Nursing	4
NURS 69	Gerontological Nursing	1
NURS 88	Pathophysiology	3
NURS 88L	Physical Assessments	1
NURS 60B	Adult Health II	6
NURS 60C	Adult Health III	3

Prerequisites for admission to the program include: (1) completion of Advanced Standing application; (2) validation of previous nursing knowledge, required for counseling/assessment purposes.

Equivalent science courses are accepted and must be 4 units and must include a lab.

Total Units 30

(REVISED DEGREE)

LVN PATHWAY FOR ASSOCIATE IN ARTS

The Registered Nursing Program for Licensed Vocational Nurses meets the requirements of Section 2736.6 of the Nursing Practice Act and Section 1429 of the California Board of Registered Nursing Rules and Regulations. Upon completion of any of the curriculum options herein listed, the student is eligible to take the National Council Licensing Examination for Registered Nurses (NCLEX-RN). The program prepares graduates who can contribute to the advancement of nursing science and influence changes in a variety of settings within the health care system. The graduate possesses a repertoire of knowledge, skills, and attributes that serve as the foundation for safe, competent practice and lifelong learning. LVNs who enter into the second year of the Nursing Program may opt for one of the three following: A.A. in Nursing, Non-Degree option, or 30-unit option.

Prerequisite Courses:

ANAT 1	General Human Anatomy	5
PHSI 1	Human Physiology	5
MICR 1	Microbiology	5
NURS 70	Nursing Theory: LVN-RN Transitions	1.5
NURS 70L	Clinical Skills Practice and Assessment Lab	0.5
NURS 84	Prescriptive Clinical Nursing Skills Practice	0.5
ENGL 1A	Critical Reading and Composition	3

Equivalent courses will be accepted this includes ANAT, MICR and PHSI courses with 4 units (science courses must include a lab)

Clinical Sequence

The LVN must complete the following curriculum with a "C" or better in each course regardless of the option chosen.

Nursing Courses

NURS 53	Mental Health Nursing	4
NURS 69	Gerontological Nursing	1
NURS 88	Pathophysiology	3
NURS 88L	Physical Assessments	1
NURS 60B	Adult Health II	6
NURS 60C	Adult Health III	3

If the student fails any of the assigned ATI exams after 2 attempts they may take the theory portion of OB (N81) or Pediatrics (N82) or N64 (Pharmacology).

Prerequisites for admission to the program include: (1) completion of special application; (2) validation of previous nursing knowledge, required for counseling/assessment purposes.

For the AA Degree in Nursing, Psychology 1, Sociology 1, and Communication Studies 1, 10, or 30 must be completed in addition to all General Education requirements as outlined in Associate in Arts requirements (totals = 9 + units)

Total Units 38.5

(REVISED DEGREE)

NURSING ASSOCIATE IN ARTS

The Nursing Program is approved by the California Board of Registered Nursing. Upon completion of the major, the graduate is eligible to take the Registered Nurses Licensing examination (NCLEX-RN). The program prepares graduates who can contribute to the advancement of nursing science and influence changes in a variety of settings within the health care system. The graduate possesses a repertoire of knowledge, skills, and attributes that serve as the foundation for safe, competent practice and lifelong learning. **SPECIAL APPLICATION REQUIRED: Go to www.chabotcollege.edu/nurs for details.**

BASIC SCIENCES

ANAT 1	General Human Anatomy	5
PHSI 1	Human Physiology	5
MICR 1	Microbiology	5

Equivalent courses will be accepted this includes ANAT, MICR and PHSI courses with 4 units (science courses must include a lab)

SOCI 1	Principles of Sociology	3
PSY 1	General Psychology	3

COMMUNICATION:

ENGL 1A	Critical Reading and Composition	3
COMM 1	Fundamentals of Speech Communication	3
	or	
COMM 10	Interpersonal Communication	3

Equivalent courses will be accepted. The above listed courses must be taken before applying to the nursing program.

Freshman Year

NURS 55	Fundamentals of Nursing Practice	8.5
NURS 58	Nursing Care for Patients with Infectious Disease	1
NURS 61	Clinical Nutrition	1.5
NURS 69	Gerontological Nursing	1
NURS 75	Fluid and Electrolytes	1
NURS 51	Nursing of the Childbearing Family (Obstetrical Nursing)	4
NURS 52	Pediatric Nursing	4
NURS 88	Pathophysiology	3
NURS 88L	Physical Assessments	3

Sophomore Year

NURS 60A	Adult Health I	4
NURS 64	Pharmacology for Professional Nurses	2.5
NURS 60B	Adult Health II	6
NURS 73	Intravenous Therapy	1
NURS 53	Mental Health Nursing	4
NURS 60C	Adult Health III	3

Other Degree Requirements: Units

For specific General Education courses refer to catalog section on A.A. Graduation Requirements. 10 - 15

To progress in the Nursing Program and to graduate from the program, students must earn a minimum grade of "C" in each course of the nursing major.

California Board of Registered Nursing Requirements for licensure including 45.5 units in nursing.

Graduates of this program receive an Associate in Arts degree in Nursing and are eligible to take the national council licensing examination for registered nursing (NCLEX-RN).

Note: The Board of Registered Nursing requirements supersede catalog rights for graduation.

Total Units 82.5 - 87.5

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

51 Nursing of the Childbearing Family 4 units **(Obstetrical Nursing)**

Nursing care of the childbearing family. The focus is on the physiological and psychological needs of families as they are affected by pregnancy, labor and birth, postpartum, and newborn stages. Theory and clinical practice include integration of assessment skills, women's health, violence against women, nutrition, pain management, ethical issues, and teaching strategies unique to childbearing families. Quality, Safety, Education in Nursing (QSEN) concepts are incorporated. 9 total weeks. 4 hours lecture, 2 hours laboratory, 11.5 hours clinical. Transfer: CSU

Prerequisite: NURS 55 (completed with a grade of "C" or higher) , NURS 61 (completed with a grade of "C" or higher) , NURS 69 (completed with a grade of "C" or higher) , NURS 75 (completed with a grade of "C" or higher)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

52 Pediatric Nursing 4 units

Emphasis placed on the use of the nursing process in promoting adaptive processes necessary for coping with the health issues of infants, children and adolescents. Theory and clinical practice includes integration of assessment skills, growth and development, family abuse issues, nutrition, pharmacological concepts, ethical issues, and teaching strategies unique to child-rearing families. Clinical focuses on care of clients in community and acute care settings. Concepts related to the California Nursing Practice Act, and Quality, and Safety Education in Nursing (QSEN) will be incorporated. 9 total weeks. 4 hours lecture, 2 hours laboratory, 11.5 hours clinical. Transfer: CSU

Prerequisite: NURS 55 (completed with a grade of "C" or higher), NURS 61 (completed with a grade of "C" or higher) , NURS 69 (completed with a grade of "C" or higher) , NURS 75 (completed with a grade of "C" or higher)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

53 Mental Health Nursing 4 units

Emphasis on the use of the nursing process in the care of adults experiencing selected conditions requiring treatment in psychiatric care settings. Theory and clinical practice include integration of bio-psychosocial assessment skills, nutrition, pharmacological and crisis intervention concepts, legal-ethical issues, and anger management. Concepts related to the California Nursing Practice Act, and Quality, and Safety Education in Nursing (QSEN) will be incorporated. 9 total weeks. 4 hours lecture, 2 hours laboratory, 11.5 hours clinical. Transfer: CSU

Prerequisite: NURS 55 (completed with a grade of "C" or higher), NURS 61 (completed with a grade of "C" or higher), NURS 69 (completed with a grade of "C" or higher), NURS 75 (completed with a grade of "C" or higher)

(DELETED COURSE)

56 Essentials of Nursing Care Related to Human Growth and Development ½ unit

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

58 Nursing Care for Patients with Infectious Disease 1 unit

Emphasis on the use of the nursing process in the care of individuals experiencing infectious diseases including pathophysiology, psychosocial, treatment, and preventive measures. Updated annually to reflect global disease threats and CDC preventative protocols for healthcare workers. 1 hour lecture. Transfer: CSU

Corequisite: NURS 55 (completed with a grade of "C" or higher)

(DELETED COURSE)

59 Nursing Care of the Childbearing Family 8½ units

(RENAMED COURSE AND UNIT CHANGE)

60A Adult Health I 4 units

Emphasis on the use of the nursing process in the care of adults experiencing selected conditions requiring treatment in medical-surgical care settings. Theory and clinical practice includes integration of assessment skills, nutrition, medication administration and legal-ethical issues. Concepts related to the California Nursing Practice Act, and Quality, and Safety Education in Nursing (QSEN) will be incorporated. 9 total weeks. 4 hours lecture, 2 hours laboratory, 11.5 hours clinical. Transfer: CSU

Prerequisite: NURS 55 (completed with a grade of "C" or higher) and , NURS 61 (completed with a grade of "C" or higher) and , NURS 69 (completed with a grade of "C" or higher), NURS 75 (completed with a grade of "C" or higher)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

60B Adult Health II 6 units

Nursing interventions that assist the adult client in adaptation to stressors of acute and chronic illnesses with unpredictable outcomes. Focus on caring for groups of clients in the medical-surgical and critical care setting. Concepts related to the California Nursing Practice Act, as well as principles of safe clinical practice will be included. 12 total weeks. 4 hours lecture, 1 hours laboratory, 15 hours clinical Transfer: CSU

Prerequisite: NURS 51 (completed with a grade of "C" or higher), NURS 52 (completed with a grade of "C" or higher), NURS 53 (completed with a grade of "C" or higher), NURS 60A (completed with a grade of "C" or higher)

(RENAMED COURSE)

60C Adult Health III 3.5 units

Discussion of leadership styles, delegation of care, evidence based practice, conflict management, delegation of assignments, prioritization of client care, and organizational structure the health care organization. Concepts related to the California Nursing Practice Act, and Quality, and Safety Education in Nursing (QSEN) will be incorporated. 6 total weeks. 2 hours lecture, 1 hour laboratory, 23 hours clinical Transfer: CSU

Prerequisite: NURS 60B (completed with a grade of "C" or higher)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

73 Intravenous Therapy 1 unit

Safe administration and maintenance of intravenous therapy as a treatment modality. Includes differentiation of commonly used solutions, dosage calculation, vein selection and venipuncture techniques, recognition of and response to complications. Includes laboratory practice. 1 hour lecture, 1 hour laboratory. Transfer: CSU

Prerequisite: Satisfactory completion of all required nursing courses in the first and second semester of the nursing curriculum, NURS 55, NURS 58, NURS 61, NURS 69, NURS 75

Corequisite: Concurrent enrollment in the third semester of the nursing program

(RENAMED COURSE)

80 Test Taking Skills for Nursing Students; ½ unit

Practice in answering multiple-choice, fill in the blank and multiple option questions related to nursing. Strategies for successful test taking. Preparation for National Council Licensing Exam for Registered Nursing (NCLEX-RN). 1 hour lecture.

Prerequisite: Admission to the nursing program

(RENAMED COURSE AND UNIT CHANGE)

84 Prescriptive Clinical Nursing Skills Practice ½ unit

Emphasis is on gaining experience in practicing and refining selected clinical skills used in the delivery of nursing care to a client in the acute care or community based setting. This required course provides the opportunity for preparation for the Clinical Performance Examination, as well as for practicing different skills using up-to-date equipment in the Skills Lab. 1.5 hours laboratory. Transfer: CSU

Prerequisite: NURS 55 (completed with a grade of "C" or higher) or the equivalent

(NEW COURSE)

90 NCLEX Exam Preparation- Test Taking Skills and Strategies ½ unit

This course prepares the nursing student to think critically and answer multiple format questions that are similar to the NCLEX-RN exam. Optional class for nursing students. 1 hour lecture.

Prerequisite: NURS 60B (completed with a grade of "C" or higher)

POLITICAL SCIENCE (POSC)

POLITICAL SCIENCE

ASSOCIATE IN ARTS FOR TRANSFER (AA-T)

Political science majors evaluate societal, national, and global events by learning about forms of political organization and political processes. Political science is consistently a top ten major because of its versatility and applicability to today's world. The Political Science degree provides students with a strong foundation in American government, political theory, and comparative and international politics for those who wish to pursue a Bachelor of Arts degree in political science and for those who seek careers in public service, education, law, or business. For more information about Associate in Arts for Transfer and Associate in Science for Transfer degrees information in the catalog in the Transfer Section. Required Core

POSC 1 Introduction to American Government 3

List A (select three - 9-10 units) Units

POSC 20 POSC 25 POSC 30 MTH 43

Comparative Politics 3 Introduction to Political Theory 3

International Relations 3 Introduction to Probability and Statistics 4

List B (select two - 6 units) Units

Any List A course not used above

POSC 10 POSC 12 POSC 45

ADMJ 45 GEOG 2 ANTH 3 ANTH 5 SOCI 2 SOCI 3 COMM 11 ECN 1 ECN 2

Seminar in Comparative Politics 3 Introduction to California State and Local Government 3 Law and Democracy 3 or

Law and Democracy 3 Cultural Geography 3 Social and Cultural

Anthropology 3 Cultures of the U.S. in Global Perspective 3

Social Problems 3 Introduction to Race and Ethnic Relations 3

Intercultural Communication 3 Principles of Microeconomics 3

Principles of Macroeconomics 3

General Education Courses

CSU GE or IGETC (CSU) requirements: 37-39 units

(Possible Double-counting: 12 units)

CSU transfer Electives as needed to reach 60 CSU transferable units

TOTAL UNITS: 60 units

All courses in the major or area of emphasis are required to have a grade of "C" or higher, and a cumulative GPA of 2.0 must be achieved.

Total Units 18 - 19

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

1 Introduction to American Government 3 units

Introduction to the historical development and current structure of American political ideals and institutions, including the Federal and California Constitutions, civil liberties and civil rights, political parties, campaigns and elections, and citizenship duties. 3 hours lecture. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS; C-ID: POLS 110

Strongly Recommended: Eligibility for ENGL 1A

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

10 Seminar in Comparative Politics 3 units

General introduction to a major subfield of comparative politics, or intensive exploration of a contemporary theme, topic, or region. 3 hours lecture. Transfer: CSU

Strongly Recommended: Eligibility for ENGL 1A

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

12 Introduction to California State and Local Government 3 units

Organization and operation of government and politics at the state, county and municipal level; emphasis on current issues and the influences of historical, geographical, political, economic and social factors on California public policy. 3 hours lecture. Transfer: CSU; CSU/GE

Strongly Recommended: POSC 1 and , Eligibility for ENGL 1A

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

20 Comparative Politics 3 units

Introduces basic concepts and methods of comparative analysis. Covers contemporary forms of governments and institutions; survey of political regimes and political problems of selected governments. 3 hours lecture. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS; C-ID: POLS 130

Strongly Recommended: POSC 1 and , Eligibility for ENGL 1A

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

25 Introduction to Political Theory 3 units

An introduction to various theoretical approaches to politics, including selected political thinkers from ancient times to the present, and the application of political theory to current political realities. 3 hours lecture. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS; C-ID: POLS 120

Strongly Recommended: Eligibility for ENGL 1A

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

30 International Relations 3 units

An introduction to international politics, theories, and global institutions, focusing on international actors and their interactions with one another. Emphasis on current events. 3 hours lecture. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS; C-ID: POLS 140

Requisites: none

PSYCHOLOGY (PSY)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

5 **Introductory Statistics for the Behavioral and Social Sciences** 4 units

Statistics as applied to the behavioral and social sciences. Applications using data from disciplines including psychology, social sciences, business, life science, health science, and education. The use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision-making. Topics include: descriptive and inferential statistics; probability and sampling distributions; correlation and linear regression; analysis of variance (ANOVA), chi-square and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. 4 hours lecture. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS; C-ID: MATH 110

Prerequisite: MTH 54 (completed with a grade of “C” or higher) , and MTH 54L or MTH 55 (completed with a grade of “C” or higher) , and MTH 55L or an appropriate skill level demonstrated through the Mathematics Assessment process.

Strongly Recommended: ENGL 1A

(NEW DISCIPLINE)

SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM)

(NEW COURSE)

1 **Introduction to Science, Technology, Engineering, and Mathematics** 2 units

Introduction to basic scientific concepts taken from biology, chemistry, computer science, engineering, mathematics and physics, the role of science as a human endeavor and the power of scientific inquiry to explore the interdependence of scientific fields through project based activities. STEM education pathways and careers will be investigated. 1 hour lecture, 3 hours laboratory. Transfer: CSU

Strongly Recommended: MTH 65

SOCIOLOGY (SOC)

SOCIOLOGY

ASSOCIATE IN ARTS FOR TRANSFER (AA-T)

A major in Sociology offers students the opportunity to learn about human social interaction in groups as small as two or as large as a society. Sociologists study the properties of groups and their influence on human behavior. Sociology is a social science whose principles are based on theory and empirical research. As a large discipline with over 100 specializations, Sociology offers students the opportunity to study criminology, family studies, social problems, gerontology, social psychology, social justice, inequality, gender, race and ethnicity, and globalization. Majoring in Sociology at Chabot College provides one with the introductory knowledge and skills that are required for an upper division major in Sociology as well as a large number of related fields including Social Work, Human Development, Liberal Studies, and Ethnic Studies. Majors in Sociology are often found in a diversity of careers including urban planning, social work, law, consulting, evaluation research, international relations, college level teaching, government administration, industrial relations, counseling, demography, and journalism.

Required Core

SOCI 1 Principles of Sociology 3

List A (select two–6-7 units)

	Units
SOCI 2 Social Problems	3
SOCI 5 Introduction to Social Research Methods	3
MTH 43 Introduction to Probability and Statistics	4
or	
PSY 5 Introductory Statistics for the Behavioral and Social Sciences	4

List B (select two–6 -7units)

	Units
Any List A course not used above	
SOCI 3 Introduction to Race and Ethnic Relations	3
SOCI 4 Marriage and Family Relations	3
SOCI 6 Introduction to Gender	3

List C (select one–3 units) Units

Any List A or B course not used above	
SOCI 8 Human Sexuality	3
or	
PSY 8 Human Sexuality	3
or	
HLTH 8 Human Sexuality	3
SOCI 10 Introduction to Asian American Studies	3
SOCI 30 Social Gerontology	3
PSY 1 General Psychology	3
ANTH 3 Social and Cultural Anthropology	3
GEOG 2 Cultural Geography	3
ES 3 Introduction to Muslim-American Studies	3
HIS 21 The African-American Experience in U.S. History Since Reconstruction	3
HIS 22 Mexican American History and Culture	3
HIS 25 American Indian History and Culture	3

General Education Courses

CSU GE or IGETC (CSU) requirements: 37-39 units

(Possible Double-counting: 9 units)

CSU transfer Electives as needed to reach 60 CSU transferable units TOTAL UNITS: 60 units

All courses making up the minimum must be transferable to CSU, and a minimum GPA of 2.0 must be maintained.

Total Units 18 - 20

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

1 Principles of Sociology 3 units

Designed to illuminate the way students see their social world. Uses a sociological perspective: scientific study of human interaction and society, with emphasis on impact of groups on social behavior. Includes the systematic examination of culture, socialization, social organization, social class, race, gender, deviance, social change and empirical methodology. These content areas are woven throughout the fabric of the course, particularly as they affect the lives of at least three of the following groups: African Americans, Latino Americans, Asian Americans, Native Americans, Middle Eastern Americans and/or women. 3 hours lecture. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS; C-ID: SOCI 110

Requisites: none

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

2 Social Problems 3 units

Introduction to social problems common to modern industrial society, and the role of principal institutions in social organization and social disorganization. Includes crime, juvenile delinquency, divorce, drug addiction, aging, mental health and population as well as other areas. Focus on modern American society. 3 hours lecture. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS; C-ID: SOCI 115

Strongly Recommended: SOCI 1

(RENAMED COURSE)

3 Introduction to Race and Ethnic Relations 3 units

Analysis of racial and ethnic relations in the United States. Includes race, ethnicity, prejudice, discrimination and stereotyping, as well as theories and patterns of intergroup relations. Focus on contemporary American minorities: African Americans, Chicano/Latinos, Asian Americans, and Native Americans. 3 hours lecture. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS; C-ID: SOCI 150

Strongly Recommended: SOCI 1

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

4 Marriage and Family Relations 3 units

Sociological perspective of the family including mate selection, marital roles, marital adjustment, sexual adjustment, reproduction, child rearing, marital dissolution, and problems associated with the family in modern industrial society. Emphasis on methodology of family investigation. 3 hours lecture. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS; C-ID: SOCI 130

Strongly Recommended: SOCI 1

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

10 Introduction to Asian American Studies 3 units

An examination of the experiences and perspectives of Asian Americans from mid-1800's to the present. Major topics will include family, political involvement, assimilation, education and employment. Provides a comparative context for understanding the panethnic movement. 3 hours lecture. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS

Requisites: none

SPANISH (SPA)

(REVISED DGREE)

SPANISH

ASSOCIATE IN ARTS FOR TRANSFER (AA-T)

This program includes four semesters of thorough linguistic and cultural training in Spanish, along with courses that shed light on Mexico's and the Spanish-speaking world's role in history, art, the humanities, and our own contemporary society. Spanish is one of the world's most influential languages and there are opportunities for working in many industries where knowledge of Spanish is considered valuable. Many majors at four-year universities have foreign language requirements that would be satisfied with the language courses in this degree program. Courses offered in this program meet general education and transfer requirements. Successful completion of the transfer degree in Spanish guarantees the student acceptance to a local California State University to pursue a baccalaureate degree with Junior status.

REQUIRED CORE

SPA 1A	Beginning Spanish	5
	or	
SPA 1A1	Beginning Spanish 1	3
	and	
SPA 1A2	Beginning Spanish 2	3
SPA 1B	Elementary Spanish 1	5
	or	
SPA 1B1	Elementary Spanish 1	3
	and	
SPA 1B2	Elementary Spanish 2	3
SPA 2A	Intermediate Spanish	4
SPA 2B	Advanced Spanish	4

ADDITIONAL REQUIRED COURSE

ENGL 4	Critical Thinking and Writing about Literature	3
	or	
ENGL 7	Critical Thinking and Writing across Disciplines	3

Required courses for the major: 21 units

CSU/GE or IGETC (CSU): 37-39 units

(Possible double counting 9 units)

CSU transfer Elective units as needed to reach 60 CSU transferable units.

All courses in the major area of emphasis are required to have a grade of "C" or higher, and a cumulative GPA of 2.0 must be achieved.

Total Units 21 - 23

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

1A Beginning Spanish 5 units

Introduction to the Spanish-speaking cultures of the world featuring the study and practice of the four language skills (listening, speaking, reading, and writing) of Spanish. Following an immersion instruction format, the class is entirely taught in the target world language of the selected course. May not receive credit if SPA 1A1 and/or 1A2 have been completed. 5 hours lecture, 1 hour laboratory. Transfer: CSU; UC; CSU/GE; AA/AS; C-ID: SPAN 100

Strongly Recommended: Eligibility for ENGL 1A

(NEW COURSE)

1A1 Beginning Spanish 1 3 units

Introduction to the Spanish-speaking cultures of the world featuring the study and practice of the four language skills (listening, speaking, reading, and writing) of Spanish. Following an immersion instruction format, the class is entirely taught in the target world language of the selected course. May not receive credit if SPA 1A has been completed. 3 hours lecture, 1 hour laboratory. Transfer: CSU; UC; CSU/GE; AA/AS; C-ID: SPAN 100

Strongly Recommended: Eligibility for ENGL 1A

(NEW COURSE)

1A2 Beginning Spanish 2 3 units

Further study of the Spanish-speaking cultures of the world featuring the study and practice of the four language skills (listening, speaking, reading, and writing) of Spanish. Following an immersion instruction format, the class is entirely taught in the target world language of the selected course. 3 hours lecture, 1 hour laboratory. Transfer: CSU; UC; CSU/GE; AA/AS; C-ID: SPAN 100

May not receive credit if SPA 1A has been completed

Prerequisite: SPA 1A1 (completed with a grade of "C" or higher)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

1B Elementary Spanish 5 units

Further study of Spanish-speaking cultures of the world featuring the acquisition of the four language skills (listening, speaking, reading, and writing) of Spanish begun in Spanish 1A. Following an immersion instruction format, the class is entirely taught in the target world language of the selected course. May not receive credit if SPA 1B1 and/or 1B2 have been completed. 5 hours lecture, 1 hour laboratory. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS; C-ID: SPAN 110

Prerequisite: SPA 1A (completed with a grade of "C" or higher) or, SPA 1A2 (completed with a grade of "C" or higher)

(NEW COURSE)

1B1 Elementary Spanish 1 3 units

Further study of Spanish-speaking cultures of the world featuring the acquisition of the four language skills (listening, speaking, reading, and writing) of Spanish begun in Spanish 1A2. Following an immersion instruction format, the class is entirely taught in the target world language of the selected course. May not receive credit if SPA 1B has been completed. 3 hours lecture, 1 hour laboratory. Transfer: CSU; UC; CSU/GE; AA/AS; C-ID: SPAN 110

Prerequisite: SPA 1A2 (completed with a grade of "C" or higher) or SPA 1A (completed with a grade of "C" or higher)

(NEW COURSE)

1B2 Elementary Spanish 2 3 units

Continue study of Spanish-speaking cultures of the world featuring the acquisition of the four language skills (listening, speaking, reading, and writing) of Spanish begun in Spanish 1B1. Following an immersion instruction format, the class is entirely taught in the target world language of the selected course. May not receive credit if SPA 1B has been completed. 3 hours lecture, 1 hour laboratory. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS; C-ID: SPAN 110

Prerequisite: SPA 1B1 (completed with a grade of "C" or higher)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

2A Intermediate Spanish 5 units

Review of grammar; reading of works of modern authors; practice in conversation and composition. Following an immersion instruction format, the class is entirely taught in the target world language of the selected course. 4 hours lecture, 1 hour laboratory. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS; C-ID: SPAN 200

Prerequisite: SPA 1B (completed with a grade of "C" or higher) or, SPA 1B2 (completed with a grade of "C" or higher)

(REVIEWED COURSE WITH NONSUBSTANTIAL CHANGE)

2B Advanced Spanish 5 units

Reading of Hispanic authors; advanced review of grammar; emphasis on speaking and composition. Following an immersion instruction format, the class is entirely taught in the target world language of the selected course. 4 hours lecture, 1 hour laboratory. Transfer: CSU; UC; CSU/GE; IGETC; AA/AS; C-ID: SPAN 210

Prerequisite: SPA 2A (completed with a grade of "C" or higher)

THEATER ARTS (THTR)

(RENAMED COURSE AND UNIT CHANGE)

48A College Theater Technical: Introduction; 3 units

Participation in scheduled productions as crew members and/or constructing its technical elements. Development of skills in the various technical areas involved in the presentation of a theatrical production. 9 hours laboratory. Transfer: CSU; UC; AA/AS

Requisites: none



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