

**GROSSMONT COLLEGE**  
**ACADEMIC PROGRAM CHANGES**  
**MARCH 2022**  
**FOR**  
**2022-2023**  
**COURSE ADDITIONS**

**Business 259**

**Introduction to Global Trade Operations**

*3 units, 3 hours lecture*

This foundation course is designed to provide students with an introductory exposure to many of the essential elements of doing business in today's global context. Students will gain a general understanding of the globalization process and the global business environment, along with an introduction to theories, concepts, skills, and capabilities relevant to international trade. This course is macro in nature and focuses on international trade and the operational, theoretical aspects and how to apply them in global trade. The course surveys the global business environment, international supply chain management, international market entry, operational aspects of international trade including contracts, terms of trade, terms of payment, currency of payment.

**Business 260**

**Global Trade Operations, Logistics**

*3 units, 3 hours lecture*

This course examines the global logistics systems involved in supply chain management and used in importing and exporting. Emphasis is given to the role of ocean, air, land, and multimodal transport infrastructures as key components of international supply chain management operations. Supporting international trade topics include logistics infrastructure and security, commercial terms of trade, commercial and transportation documents, insurance, packaging for export, and National Customs Clearance Systems.

**Business 261**

**Global Trade Operations, Supply Chain Management**

*3 units, 3 hours lecture*

Operations and Supply Chain Management is concerned with the understating of Enterprise Competitive Positioning, Demand Forecasting, Operations Planning, Inventory Management, Make / Buy Decisions, concept of Quality and Quality Management, Vendor Qualification /Selection and Management, Warehousing and Distribution Functions, Logistics, Sustainability, and Supply Chain Measurement and Benchmarking. The intent of this course is to provide students a general overview, as well as practical operations and supply chain management background and the skillset necessary to meet today's challenging global business environment. In this course, students will be exposed to the real-world applications as a motivation for learning operations and supply chain management.

**Business 262**

**Global Trade Operations, Import Procedures**

*3 units, 3 hours lecture*

This course focuses on international trade strategies and techniques and presents an overview of importing terms. The concepts of management, finance, operations, law, communications, marketing, and ethics as they apply to imports are discussed. Topics include overseas purchasing, import operations, U.S. government regulations, finance, documentation, record keeping, international trade treaties, and global culture. Additionally, the class covers bilateral trade relations, unique country profiles, and product sourcing modalities. U.S. and World Customs duty rate structure and the role of customs brokers and freight forwarders are highlighted. International currency transactions, storage, distribution, and transportation are also discussed.

**Business 263**

**Global Trade Operations, Marketing & Export Procedures**

*3 units, 3 hours lecture*

This course provides hands-on working knowledge in the business of global marketing and exports, its procedures and required documentation. The course covers the evaluation of a company's export readiness and potential marketing to the export transaction from inception to receipt of payment. Topics include: market research, identification of the best export markets, costing, quotations, letters of credit, major export products, international trade terms, transportation, sales contracts, documentation, and U.S. export controls.

## **Business 264**

### **Global Leadership**

*3 units, 3 hours lecture*

This course will help students develop leadership skills and knowledge from a local and global perspective. Students will explore leadership theories and concepts, and the cultural nuances inherent in global workplaces. Topics include development of leadership theories, personal assessment, and differing values and ethics, communication styles, multiculturalism in leadership and the change process. This course is based on the premise that each student will face a variety of leadership challenges in a diverse business environment. Learning more about cross-cultural leadership will help every student meet their leadership challenges.

## **Cardiovascular Technology 130**

### **Clinical Practicum I**

*2 units, 6 hours laboratory*

**Prerequisite:** A "C" grade or higher in CVTE 113.

This laboratory course is the first student opportunity to perform cardiovascular diagnostic testing in a clinical setting under the guidance of an experienced Cardiovascular Technologist. Basic patient interaction, routine patient care, diagnostic testing in a clinical setting, preliminary findings and the physician's final report will be introduced. The diagnostic proficiencies learned in the classroom and practiced during the first-year lab sessions of the Cardiovascular Technology Program will be applied to situations in the hospital, clinic or doctor's office setting.

## **Cardiovascular Technology 220**

### **Clinical Practicum II**

*5 units, 15 hours laboratory*

**Prerequisite:** A "C" grade or higher in CVTE 130.

The second laboratory course providing clinical practicum for students in the Cardiovascular Technology Program. Emphasis will be on the continuation of building the skills, knowledge and behaviors necessary for the successful Cardiovascular Technologist. The performance of specified diagnostic tests, calculation of hemodynamic data, and professional performance in the clinical environment will be stressed.

## **Cardiovascular Technology 250**

### **Clinical Practicum III**

*5 units, 15 hours laboratory*

**Prerequisite:** A "C" grade or higher in CVTE 220.

This third laboratory course provides a continuation of clinical practicum for students in the Cardiovascular Technology Program. Emphasis will be on consolidating skills acquired in CVTE 220 and building upon those skills to advance the student toward program completion.

## **Computer Science Information Systems 070 (NON-CREDIT)**

### **Drone Flight School**

*0 units, 105 hours*

**Prerequisite:** Students must be at least 16 years or older and must meet eligibility requirements under FAA 107 guidelines.

The Drone Flight School course prepares students for the FAA 107 Drone Pilots license examination. Course consists of FAA rules and regulations, safety protocols, drone flight controllers, and drone flight theory. Upon obtaining license, students will receive hands-on flight training where student applies flight theory to hands-on practical flight training and basic aerial photography and cinematography. The course will also provide an introductory training to various other drone industry areas.

## **Computer Science Information Systems 071 (NON-CREDIT)**

### **Drone Cinematography**

*0 units, 75 hours*

**Prerequisite:** *Must have FAA 107 Drone Pilots License.*

The Drone Cinematography course provides 75 hours of instruction and hands-on flight training. This course covers both basic and advanced cinematography techniques with an emphasis on developing “lifestyle” shots and a creative mindset. The theory and operations of both standard and advanced/precision camera shots is combined with operational scenarios in order to provide students with the ability to match specific and advanced flight profiles for the shots needed.

## **Computer Science Information Systems 072 (NON-CREDIT)**

### **Drone Surveying & Mapping**

*0 units, 75 hours*

**Prerequisite:** *Must have FAA 107 Drone Pilots License.*

This course presents the theory and operations of common sensors used by the operators of unmanned aircraft systems in different industrial applications. Theory is combined with operational scenarios, and flying actual missions. Ample flight time is provided in order to fully train the student with the ability to match specific sensors with anticipated missions. Operator will be versed in all operations as listed, and will be industry ready upon completion. This course teaches pilots how to do precision mapping missions and data collection for industry.

## **Exercise Science 016A**

### **Beginning Trail Running**

*1 unit, 1 hour lecture, 1 hour laboratory*

This is a beginning trail running course where students will develop basic skills for trail running. This course gives students basic information and exposure to a variety of regional trails while teaching about trail navigation, etiquette, running strategies, nutrition, and the basic gear necessary for trail running. Principles of physical fitness, conditioning and other relevant health-related topics will also be covered. Students will also learn the fundamental principles of physical fitness and their impact on a life-long health and wellness.

## **Exercise Science 016B**

### **Intermediate Trail Running**

*1 unit, 1 hour lecture, 1 hour laboratory*

**Recommended Preparation:** *A “C” grade or higher or “Pass” in ES 016A or equivalent or specified skill competencies.*

A continuation of ES 016A, this course provides instruction and practice to develop intermediate skills for trail running. This course gives students intermediate information and exposure to a variety of regional trails while teaching about trail navigation, etiquette, running strategies, nutrition, and the basic gear necessary for trail running. Principles of physical fitness, conditioning and other relevant health-related topics will also be covered. Students will also learn the fundamental principles of physical fitness and their impact on a life-long health and wellness.

## **Exercise Science 016C**

### **Advanced Trail Running**

*1 unit, 1 hour lecture, 1 hour laboratory*

**Recommended Preparation:** *A “C” grade or higher or “Pass” in ES 016B or equivalent or specified skill competencies.*

A continuation of ES 016B, this course provides instruction and practice to develop advanced skills for trail running. This course gives students advanced information and exposure to a variety of regional trails while teaching about trail navigation, etiquette, running strategies, nutrition, and the basic gear necessary for trail running. Principles of physical fitness, conditioning and other relevant health-related topics will also be covered. Students will also learn the fundamental principles of physical fitness and their impact on a life-long health and wellness.

## **Exercise Science 022**

### **Total Body Conditioning**

*1 unit, 1 hour lecture, 1 hour laboratory*

This purpose of this course is to provide students with an exercise program designed to develop the key components of health-related physical fitness: cardiorespiratory endurance, muscular strength, muscular endurance, flexibility and body composition. Emphasis will be placed on the latest scientific theories and conditioning modalities, and how to apply the principles to a home-based and lifelong conditioning program. Activities focus on a wide range of aerobic circuits, body weight activities, calisthenic-type exercises, and stability/mobility movements. In addition, students will explore nutrition principles and other factors for making healthy lifestyle choices.

## **Exercise Science 061A**

### **Beginning Pickleball**

*1 unit, 1 hour lecture, 1 hour laboratory*

This is a beginning pickleball course in which students will develop the basic skills to play the game of pickleball. Instructional focus includes the overhead and underhand groundstrokes, volleys, serves, racket grips, and footwork. Students will learn court diagram and markings, and fundamental strategies and rules used in both singles and doubles play. Fundamental principles of physical fitness and their impact on life-long health and wellness will also be taught.

## **Exercise Science 061B**

### **Intermediate Pickleball**

*1 unit, 1 hour lecture, 1 hour laboratory*

**Recommended Preparation:** A "C" grade or higher or "Pass" in ES 061A or equivalent or specified skill competencies.

This is a continuation of ES 061A with an emphasis on instructing the intermediate skills levels of pickleball.

Instructional focus includes the overhead, underhand, forehand, and backhand groundstrokes, volleys, drop, cut, and lob serves. Students will learn intermediate strategies and rules used in singles and doubles and cut-throat play. Fundamental principles of physical fitness and their impact on life-long health and wellness will also be taught.

## **Exercise Science 061C**

### **Advanced Pickleball**

*1 unit, 1 hour lecture, 1 hour laboratory*

**Recommended Preparation:** A "C" grade or higher or "Pass" in ES 061B or equivalent or specified skill competencies.

This is a continuation of ES 061B with an emphasis on instructing the advanced skills levels of pickleball. Instructional focus includes the overhead, underhand, forehand, and backhand groundstrokes, volleys, drop, cut, lob serves, and overhand smash and drop shots. Students will learn advanced strategies and rules used in singles and doubles and cut-throat play. Fundamental principles of physical fitness and their impact on life-long health and wellness will also be taught.

## **Exercise Science 264**

### **Analysis and Theory of Intercollegiate Sport**

*1 unit, 1 hour lecture, 1 hour laboratory*

Students will analyze intercollegiate level theories, techniques, and strategies involved with performance of intercollegiate sports. Students will engage in video and digital analysis, data and statistical analysis, skill and performance evaluation, and a deeper understanding of sports related philosophies.

## **Religion 165**

### **Religion in America**

*3 units, 3 hours lecture*

In this course students will examine the role of religion and religious groups in key events, time periods, regions, and institutions of the United States. The course concentrates on the interaction of religious groups with each other and with the larger society, particularly in relation to the political, economic, geographical, and cultural life of the nation. We will explore the contours of religion in North America from the precolonial times to the present, with special attention paid to American religious diversity and the complexities of American religious life. As we analyze the role of religion in American history, we will view past events through the lens of African-Americans, Native Americans, Latinx Americans, and Asian-Americans, amongst other perspectives. We will also explore the religious dimensions of gender, race, ethnicity, and socioeconomic class.

# COURSE MODIFICATIONS

## MARCH 2022

### FOR

## 2022-2023

The following courses reflect changes in either title, description, prerequisite, corequisite, advisories on recommended preparation, hours, and/or units. Other areas (e.g., course objectives, course content, texts) have also been modified to meet Title 5 course standards. These modifications have been carefully reviewed by the Curriculum Committee and are recommended to the Governing Board for approval.

PRESENT	PROPOSED CHANGES
<p><b>Administration of Justice 215</b>  <b>Public Service Internship</b>            2 units, 10 hours work experience per week            120 volunteer hours or 150 paid hours  <b>Prerequisite:</b> A “C” grade or higher or “Pass” in AOJ 110 or equivalent.            Work experience as a sworn, reserve or volunteer person with a local public or private agency.</p>	<p><b>Administration of Justice 215</b>  <i>Review and update course outline based on Title 5 standards.</i></p>
<p><b>American Sign Language 140</b>  <b>Inside Deaf Culture</b>            3 units, 3 hours lecture            This course will introduce students to the unique aspects of the Deaf culture. Students will examine political and social issues, past and present trends, historical perspectives, and distinguish the community from the culture. The unique structure of sign language and its linguistic components will also be studied. Students will be introduced to the dynamics of families when there are both hearing and Deaf family members and how hearing and Deaf cultures impact the family unit. The cultural values and behaviors unique to Deaf people will also be explored through their heritage, literature, and Deaf artists.</p>	<p><b>American Sign Language 140</b>  <i>Review and update course outline based on Title 5 standards.</i></p> <p><i>SLOs updated</i></p>
<p><b>American Sign Language 221</b>  <b>American Sign Language IV</b>            4 units, 4 hours lecture  <b>Prerequisite:</b> A “C” grade or higher or “Pass” in ASL 220 or equivalent.            This course is taught using American Sign Language. This is an advanced course designed to increase vocabulary, examine the use of semantic and body classifiers, expand and develop conversational signing ability through the use of appropriate grammar structures and storytelling. Popular Deaf culture stories are learned through the development of storytelling techniques. The rich heritage of Deaf people is studied through biographies of those who are famous for their contribution.</p>	<p><b>American Sign Language 221</b>  <i>Change to course description to:</i></p> <p>This course is taught using American Sign Language. This is an advanced course designed to increase vocabulary, examine the use of semantic and body classifiers, expand and develop conversational signing ability through the use of appropriate grammar structures and storytelling. Popular Deaf culture stories are learned through the development of storytelling techniques. The rich heritage of Deaf people is studied through biographies of those who are famous for their contribution. This course elevates the awareness of equity and inclusion of diverse Deaf people by using role plays and folklore, literature, and humor specific to the Deaf culture.</p> <p><i>SLOs updated</i></p>

PRESENT	PROPOSED CHANGES
<p><b>Business Office Technology 101A</b>  <b>Keyboarding/Document Processing I</b>  1.5 units, .8 hours lecture, 2.2 hours laboratory  <i>Prerequisite:</i> A “C” grade or higher or “Pass” in BOT/CSIS 100 or equivalent.</p> <p>Business Office Technology 101A is equivalent to the first half of Business Office Technology 101. The focus will be on learning or reviewing the alphabetic and numeric keyboard, including the 10-key pad for numeric data entry. Students will learn to use basic features of Microsoft Word software to produce simple memos, letters, and reports. Keyboarding software will be used to build speed and accuracy. Students wishing to progress to Business Office Technology 102 should also complete Business Office Technology 101B. Not open to students with credit in Business Office Technology 101.</p>	<p><b>Business Office Technology 101A</b>  <i>Change in prerequisite to:</i></p> <p><i>Prerequisite:</i> A “C” grade or higher or “Pass” in BOT 100 or equivalent.</p>
<p><b>Business Office Technology 101B</b>  <b>Keyboarding/Document Processing II</b>  1.5 units, .8 hours lecture, 2.2 hours laboratory  <i>Prerequisite:</i> A “C” grade or higher or “Pass” in BOT 101A or equivalent.</p> <p>This course is equivalent to the second half of Business Office Technology 101. Students will use Microsoft Word software to produce correctly formatted and accurate business documents, including letters, reports, and tables. Students will also use keyboarding software to build speed and accuracy. Not open to students with credit in Business Office Technology 101.</p>	<p><b>Business Office Technology 101B</b>  <i>Review and update course outline based on Title 5 standards.</i></p>
<p><b>Business Office Technology 102A</b>  <b>Intermediate Keyboarding/Document Processing I</b>  1.5 units, .8 hours lecture, 2.2 hours laboratory  <i>Prerequisite:</i> A “C” grade or higher or “Pass” in BOT 101B or equivalent.</p> <p>Business Office Technology 102A is equivalent to the first half of Business Office Technology 102. Students review and create business documents to apply formatting skills taught in BOT 101 (or BOT 101A and 101B), and then students are introduced to new formatting and report styles options, including agendas, formal reports, and multipage tables. This course begins with intermediate Microsoft Word functions so entering students should be proficient in using basic Word features and should key a minimum of 30 net words per minute on a 5-minute timing. Not open to students with credit in Business Office Technology 102.</p>	<p><b>Business Office Technology 102A</b>  <i>Review and update course outline based on Title 5 standards.</i></p>
<p><b>Business Office Technology 102B</b>  <b>Intermediate Keyboarding/Document Processing II</b>  1.5 units, .8 hours lecture, 2.2 hours laboratory  <i>Prerequisite:</i> A “C” grade or higher or “Pass” in BOT 102A or equivalent.</p> <p>Business Office Technology 102B is equivalent to the second half of Business Office Technology 102. Students continue to create business documents, applying new formatting skills including using templates, designing letterheads and office forms, and learning specialized applications such as medical and legal forms. This course begins with intermediate Microsoft Word functions so entering students should be proficient in using basic Word features and should key a minimum of 35 net words per minute on a 5-minute timed writing. Not open to students with credit in Business Office Technology 102.</p>	<p><b>Business Office Technology 102B</b>  <i>Review and update course outline based on Title 5 standards.</i></p>

PRESENT	PROPOSED CHANGES
<p><b>Business Office Technology 103A</b>  <b>Building Keyboarding Skill I</b>  .5 unit, 1.5 hours laboratory  <i>Recommended Preparation:</i> A “C” grade or higher or “Pass” in BOT/CSIS 100 or equivalent.  This course is for students who have completed a keyboarding course but wish to work further on developing speed and accuracy. Entering students should know the alphabetic keyboard by touch and key at a minimum rate of 20 net words per minute on a 5-minute timed writing. Students keying at a lower rate should enroll in Business Office Technology 095, Keyboarding Skill Reinforcement.</p>	<p><b>Business Office Technology 103A</b>  <i>Change in prerequisite and course description to:</i>    <i>Recommended Preparation:</i> A “C” grade or higher or “Pass” in BOT 100 or equivalent.    This course is for students who have completed a keyboarding course but wish to work further on developing speed and accuracy. Entering students should know the alphabetic keyboard by touch and key at a minimum rate of 20 net words per minute on a 5-minute timed writing.</p>
<p><b>Business Office Technology 103B</b>  <b>Building Keyboarding Skill II</b>  .5 unit, 1.5 hours laboratory  <i>Recommended Preparation:</i> A “C” grade or higher or “Pass” in BOT 103A or equivalent.  This is a continuation course in building keyboarding speed and accuracy. Entering students should be keying by touch at a minimum rate of 25 net words per minute on a 5-minute timed writing. Students keying at a lower rate should enroll in Business Office Technology 103A.</p>	<p><b>Business Office Technology 103B</b>  <i>Review and update course outline based on Title 5 standards.</i></p>
<p><b>Business Office Technology 103C</b>  <b>Building Keyboarding Skill III</b>  .5 unit, 1.5 hours laboratory  <i>Recommended Preparation:</i> A “C” grade or higher or “Pass” in BOT 103B or equivalent.  This is a continuation course in building keyboarding speed and accuracy. Entering students should be keying by touch at a minimum rate of 30 net words per minute on a 5-minute timed writing. Students keying at a lower rate should enroll in Business Office Technology 103B.</p>	<p><b>Business Office Technology 103C</b>  <i>Review and update course outline based on Title 5 standards.</i></p>
<p><b>Business Office Technology 132</b>  <b>Google Applications for Business</b>  3 units, 3 hours lecture  In this course, students learn how to use Google Apps, a collection of free Web-based productivity tools, in a business environment. Topics include Google Search, Gmail, Google Calendar, Google Docs, Google Spreadsheets, Google Presentations, and emerging trends in Google Apps. Students use the Internet to access their files and the tools to manipulate and collaborate with them.</p>	<p><b>Business Office Technology 132</b>  <i>Review and update course outline based on Title 5 standards.</i></p>
<p><b>Business Office Technology 160</b>  <b>Speech Recognition Applications</b>  1 unit, 1 hour lecture, 1 hour laboratory  Hands-on application with a current speech recognition software package. This includes training the software to recognize the user’s voice; speaking accurately to improve the user’s voice profile; opening and closing programs; selecting text; creating, editing, and formatting a variety of business documents; capitalizing, moving, inserting, saving, opening, and printing a variety of business documents; customizing the software; managing applications and documents; and managing keyboard and mouse control techniques.</p>	<p><b>Business Office Technology 160</b>  <i>Review and update course outline based on Title 5 standards.</i></p>

PRESENT	PROPOSED CHANGES
<p><b>Business Office Technology 171</b>  <b>Microcomputer Business Applications Lab</b>  <i>1 unit, 3 hours laboratory</i>  <b>Corequisite:</b> Concurrent enrollment in BOT/CSIS 172.  This lab is highly recommended for all students enrolled in Business Office Technology/Computer Science Information Systems 172, and is especially beneficial for students who do not have access to a microcomputer outside of class hours. Hands-on assignments will facilitate skill development in all areas of microcomputer applications covered in Business Office Technology/Computer Science Information Systems 172.</p>	<p><b>Business Office Technology 171</b>  <i>Change in corequisite and course description to:</i>   <b>Corequisite:</b> Concurrent enrollment in BOT 172.   This lab is highly recommended for all students enrolled in Business Office Technology 172, and is especially beneficial for students who do not have access to a microcomputer outside of class hours. Hands-on assignments will facilitate skill development in all areas of microcomputer applications covered in Business Office Technology 172.</p>
<p><b>Exercise Science 001</b>  <b>Adapted Physical Exercise</b>  <i>1 unit, 1 hour lecture, 1 hour laboratory</i>  This course is designed to develop various components of physical fitness for students with verified disabilities. Physical assessment, appropriate exercise equipment and personalized exercise program will be prescribed. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness.</p>	<p><b>Exercise Science 001</b>  <i>Review and update course outline based on Title 5 standards.</i></p>
<p><b>Exercise Science 002</b>  <b>Advanced Adapted Physical Exercise</b>  <i>1 unit, 1 hour lecture, 1 hour laboratory</i>  <b>Recommended Preparation:</b> A “C” grade or higher or “Pass” in ES 001 or equivalent or specified skill competencies.  Advanced physical exercise course designed for students with verified disabilities. Emphasis placed on muscular fitness through resistance exercises. Physical assessment, appropriate exercise equipment and personalized prescribed weight training programs will be developed. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness.</p>	<p><b>Exercise Science 002</b>  <i>Review and update course outline based on Title 5 standards.</i></p>
<p><b>Exercise Science 039</b>  <b>Swimming for Nonswimmers</b>  <i>1 unit, 1 hour lecture, 1 hour laboratory</i>  This class is for students who have a fear of the water and cannot swim or who are so deficient in basic aquatic skills that they would be unsafe in and around water. This class will aid students to become comfortable and safe in an aquatic environment. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness.</p>	<p><b>Exercise Science 039</b>  <i>Review and update course outline based on Title 5 standards.</i></p>
<p><b>Exercise Science 043A</b>  <b>Beginning Swimming</b>  <i>1 unit, 1 hour lecture, 1 hour laboratory</i>  <b>Recommended Preparation:</b> A “C” grade or higher or “Pass” in ES 039 or equivalent or specified skill competencies.  This class is designed for students who already have some swimming ability and are safe in the water but who need stroke improvement. Students will receive instruction and practice in the basic swimming strokes and diving. Emphasis will be placed on technique improvement and conditioning. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness.</p>	<p><b>Exercise Science 043A</b>  <i>Change in course description to:</i>   This course is designed for students who have had little or no swimming experience. Instruction will focus on basic swimming strokes and skills for beginners. Strokes and skills to be covered include front crawl with rotational breathing, swimming proprioception, elementary backstroke, backstroke, sidestroke, breaststroke, comfort in the deep end of the pool, treading water, and basic dive entering. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness.</p>



PRESENT	PROPOSED CHANGES
<p><b>Exercise Science 043B</b>  <b>Intermediate Swimming</b>  <i>1 unit, 1 hour lecture, 1 hour laboratory</i>  <b>Recommended Preparation:</b> A “C” grade or higher or “Pass” in ES 043A or equivalent or specified skill competencies.  Instruction and practice in four different swimming strokes. The emphasis will be on intermediate skills such as stroke improvement, performance and conditioning. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness.</p>	<p><b>Exercise Science 043B</b>  <i>Change in course description to:</i></p> <p>This is a course is a continuation of ES 043 A with instruction focusing on reinforcing swimming strokes and skills for beginners. Strokes and skills to be covered include front crawl with rotational breathing, swimming proprioception, elementary backstroke, backstroke, sidestroke, breaststroke, comfort in the deep end of the pool, treading water, and basic dive entering. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness.</p>
<p><b>Exercise Science 043C</b>  <b>Advanced Swimming</b>  <i>1 unit, 1 hour lecture, 1 hour laboratory</i>  <b>Recommended Preparation:</b> A “C” grade or higher or “Pass” in ES 043B or equivalent or specified skill competencies.  Advanced swimming instruction and conditioning. This course is designed for students who wish to use swimming as a means for physical conditioning, including those involved in triathlons or Masters swim programs. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness.</p>	<p><b>Exercise Science 043C</b>  <i>Change in course description to:</i></p> <p>This is a course is a continuation of ES 043 B with instruction focusing on advanced swimming strokes and skills. Strokes and skills to be covered include front crawl with rotational breathing, backstroke, sidestroke, breaststroke, 50-meter lap swim, treading water, flip turns, and competitive dive entering. Students will also learn the fundamental principles of physical fitness and their impact on life-long health and wellness.</p>
<p><b>Religious Studies 140</b>  <b>Religion and Culture</b>  <i>3 units, 3 hours lecture</i>  A study of the relationship between religious beliefs and practices and aspects of culture as represented through literary, performing and visual arts. Emphasis is on major world religions and dominant traditions of Eastern and Western culture.</p>	<p><b>Religious Studies 140</b>  <i>Change in course description to:</i></p> <p>A study of the relationship between religious beliefs and practices and aspects of culture, as represented through contemporary trends in religion and spirituality, creative expression through the arts, and attitudes towards the human body. Emphasis is on major world religions and dominant traditions of Eastern and Western culture.</p>
<p><b>Science 110</b>  <b>Introduction to Scientific Thought</b>  <i>3 units, 3 hours lecture</i>  This is a course on the methodology, history and philosophy of science for those who have a background in neither science nor philosophy. It emphasizes what scientists do and how they think by drawing on the history of physical and biological sciences. The concepts of scientific revolutions, scientific skepticism, experimental design, the ethical implications of scientific discovery, and the impact of the scientific enterprise on the world are covered. Pseudoscientific claims are investigated, with an eye toward critical thinking, and students are exposed to the notion that there may be more excitement in stem cell research and nanotechnology than in horoscopes, magnet therapy, and the like. The relationship between science and religion is discussed.</p>	<p><b>Science 110</b>  <i>Change in course description to:</i></p> <p>This is a course on the methodology, history and philosophy of science for those who have a background in neither science nor philosophy. It emphasizes what scientists do and how they think by drawing on the history of physical and biological sciences. The concepts of scientific revolutions, scientific skepticism, experimental design, the ethical implications of scientific discovery, and the impact of the scientific enterprise on the world are covered. Pseudoscientific claims are investigated, with an eye toward critical thinking. The relationship between science and religion is discussed.</p>

# DEGREE AND CERTIFICATE ADDITIONS

## MARCH 2022

### FOR

## 2022-2023

#### INTERNATIONAL BUSINESS

#### GLOBAL TRADE OPERATIONS, SUPPLY CHAIN MANAGEMENT

##### Certificate of Achievement

The Global Trade Operations Certificate of Achievement is an introductory-level program designed to build a foundational understanding of global trade operations. It will benefit students in the exposure to real life transactions in planning and executing international trade. Essential components of the curriculum include critical roles that importing, global marketing and exporting, logistics, and supply chain management play in contemporary global business. A leadership component is part of the certificate wherein the student gains knowledge and skills, equipping them to problem define and problem solve in international and global contexts.

Certificate of Achievement Requirements:

**Note: All courses must be completed with a letter grade of "C" or higher.**

Subject Number	Title	Units
BUS 259	Introduction to Global Trade Operations	3
BUS 260	Global Trade Operations, Logistics	3
BUS 261	Global Trade Operations, Supply Chain Management	3
BUS 262	Global Trade Operations, Import Procedures	3
BUS 263	Global Trade Operations, Marketing & Export Procedures	3
BUS 264	<u>Global Leadership</u>	3
	Total units for certificate	18

##### Certificate of Achievement

Any student who chooses to complete only the courses required for the above major qualifies for a Certificate of Achievement in Global Trade Operations, Supply Chain Management. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

**Note: All courses must be completed with a letter grade of "C" or higher.**

#### POLITICAL SCIENCE

#### LATIN AMERICAN STUDIES

The Latin American Studies major is an interdisciplinary program which prepares students to transfer to four-year institutions for continued studies in Latin American Studies, Latin American and Caribbean government, politics, and countries, Hispanic/Latin culture, Mexican American/Latino Studies, Chicano/Chicana Studies. A major in Latin American Studies can lead to degrees in national and state government, public policy, non-government organizations, business, and graduate school.

##### Program Student Learning Outcomes (PSLOs):

1. Think critically about government and Politics in Latin America and the Caribbean.
2. Identify and assess the role of ideas, culture, history, social norms, interest groups on contemporary Latin American identity and politics.
3. Analyze the philosophical, and economic foundations of political conflict and violence, economic policy, inequality, and intersectionality in Latin America.
4. Critically analyze the nature of power in Latin American politics, history, and culture with a focus on institutions and non-institutional actors.

**Note: All courses must be completed with a letter grade of "C" or higher.**

**Associate Degree Major Requirements**

<b>Subject &amp; Number</b>	<b>Title</b>	<b>Units</b>
Political Science 145	Introduction to Latin American Government and Politics	3

and

Select FOUR (4) of the following courses after consultation with member of the political science faculty and a counselor because of differences in transfer requirements at various four-year institutions.

<b>Subject &amp; Number</b>	<b>Title</b>	<b>Units</b>
Political Science 124	Introduction to Comparative Politics	3
Philosophy 160	Latin American Philosophy	3
History 126	History of Mexico	3
History 118	U.S. History: Chicano/Chicana Perspective I	3
History 119	U.S. History: Chicano/Chicana Perspective II	3
	<hr/>	
	Total	15

and

Select One (1) of the following courses:

<b>Subject &amp; Number</b>	<b>Title</b>	<b>Units</b>
Anthropology 127	Cultures of Latin America	3
English 236	Chicano Literature	3
or		
Ethnic Studies 236	Chicano Literature	3
Ethnic Studies 126	Chicano/Chicana Mexican Art	3
	<hr/>	
	Total	3
	Total Required	18
	Plus General Education and Elective Requirements	

**Recommended Electives:**

<b>Subject &amp; Number</b>	<b>Title</b>	<b>Units</b>
Anthropology 120	Cultural Anthropology	3
Political Science 148	American Foreign Policy	3
or		
Mathematics 160	Elementary Statistics	(4)
History 108	Early American History	3
History 109	Modern American History	3
Political Science 135	Model United Nations	1
Sociology	Introductory to Sociology	3
Spanish 120	Introductory Spanish I	3
Spanish 121	Introductory Spanish II	3
Spanish 145	Hispanic Civilizations	3

# DEGREE AND CERTIFICATE MODIFICATIONS

## MARCH 2022 FOR 2022-2023

### ADMINISTRATION OF JUSTICE

Students planning careers in Administration of Justice may elect a program from the four options that follow: Law Enforcement, Corrections, Forensic Technology or Security Management. The programs are designed to meet lower division university transfer, job entry, or promotion requirements, depending on student need.

Students seeking employment with local, state or federal law enforcement agencies specialize in Law Enforcement. Students seeking careers in a jail or prison system, parole, probation or certain aspects of social work may specialize in Corrections.-Students who desire a career in scientific criminal investigation and in crime laboratories may specialize in Forensic Technology. Students interested in government, homeland defense, or corporate security, should pursue the Security Management area of emphasis.

### LAW ENFORCEMENT

#### Associate Degree Major Requirements

#### ~~Core Curriculum~~

~~For Law Enforcement and Corrections areas of emphasis only.~~

~~Note: All courses in the major must be completed with a letter grade of "C" or higher.~~

<del>Subject &amp; Number</del>	<del>Title</del>	<del>Units</del>
<del>Adm. of Justice 110</del>	<del>Introduction to Administration of Justice</del>	<del>3</del>
<del>Adm. of Justice 200</del>	<del>Criminal Law</del>	<del>3</del>
<del>Adm. of Justice 202</del>	<del>Criminal Evidence</del>	<del>3</del>
<del>Adm. of Justice 204</del>	<del>Criminal Trial Process</del>	<del>3</del>
<del>Adm. of Justice 230</del>	<del>Public Safety Communications</del>	<del>3</del>
<del>Adm. of Justice 240</del>	<del>Community and the Justice System</del>	<del>3</del>
	<del>Total</del>	<del>18</del>

Note: All courses in the major must be completed with a letter grade of "C" or higher.

Subject & Number	Title	Units
Adm. of Justice 110	Introduction to Administration of Justice	3
Adm. of Justice 200	Criminal Law	3
Adm. of Justice 202	Criminal Evidence	3
Adm. of Justice 204	Criminal Trial Process	3
Adm. of Justice 230	Public Safety Communications	3
Adm. of Justice 240	Community and the Justice System	3
	Total	18

Select TWELVE (12) additional units to be selected from the list of courses below:

Note: All courses must be completed with a letter grade of "C" or higher.

Subject & Number	Title	Units
Adm. of Justice 120	Community Policing and Patrol Procedures	3

**Highlight: Additions**

*Italics: Modifications*

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Adm. of Justice 122	Traffic Law & Enforcement	3
Adm. of Justice 143	Gangs and Law Enforcement	3
Adm. of Justice 144	Probation and Parole	3
Adm. of Justice 155	Digital Investigations	3
Adm. of Justice 206	Criminal Investigation	3
Adm. of Justice 208	Juvenile Procedures	3
Adm. of Justice 210	Leadership in Criminal Justice	3
Adm. of Justice 214	Public Service Internship	2
Adm. of Justice 215	Public Service Internship	2
Adm. of Justice 264	Terrorism and Homeland Security	3
	<hr/>	
	Total	12
	Total from above	18
	Total Required	30
	Plus General Education and Elective Requirements	

### Certificate of Achievement

Any student who chooses to complete only the courses required for the above major qualifies for a Certificate of Achievement in **Law Enforcement**. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

**Note: All courses must be completed with a letter grade of "C" or higher.**

### CORRECTIONS

#### Associate Degree Major Requirements

**Note: All courses in the major must be completed with a letter grade of "C" or higher.**

Subject & Number	Title	Units
Adm. of Justice 110	Introduction to Administration of Justice	3
Adm. of Justice 125	Introduction to Corrections	3
Adm. of Justice 140	Inmate Psychology and Supervision	3
Adm. of Justice 143	Gangs and Law Enforcement	3
Adm. of Justice 144	Probation and Parole	3
Adm. of Justice 200	Criminal Law	3
Adm. of Justice 202	Criminal Evidence	3
or		
Adm. of Justice 204	Criminal Trial Process	(3)
Adm. of Justice 208	Juvenile Procedures	3
Adm. of Justice 210	Leadership in Criminal Justice	3
or		
Adm. of Justice 214	Public Service Internship	(2)
Adm. of Justice 230	Public Safety Communications	3
Adm. of Justice 240	Community and the Justice System	3
or		
<del>Adm. of Justice 215</del>	<del>Public Service Internship</del>	<del>(2)</del>
	<hr/>	
	Total	<b>32-33</b>
	Plus General Education and Elective Requirements	

### Certificate of Achievement

Any student who chooses to complete only the courses required for the above major qualifies for a Certificate of Achievement in Administration of Justice: Corrections. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

**Note: All courses must be completed with a letter grade of "C" or higher.**

## FORENSIC TECHNOLOGY

### Associate Degree Major Requirements

**Note: All courses in the major must be completed with a letter grade of “C” or higher.**

Subject & Number	Title	Units
Adm. of Justice 110	Introduction to Administration of Justice	3
Adm. of Justice 148	Fingerprint Identification	3
Adm. of Justice 150	Forensic Photography	4
Adm. of Justice 200	Criminal Law	3
<del>Adm. of Justice 202</del>	<del>Criminal Evidence</del>	<del>3</del>
Adm. of Justice 206	Criminal Investigation	3
Adm. of Justice 218	Crime Scene Technology	4
Adm. of Justice 220	Forensic Analysis	4
<b>Adm. of Justice 240</b>	<b>Community and the Justice System</b>	<b>3</b>
Adm. of Justice 252	Advanced Forensic Photography	4
Adm. of Justice 254	Advanced Fingerprint Identification	3
Biology 120	Principles of Biology	4
Chemistry 113	Forensic Chemistry	4
or		
<b>Chemistry 115</b>	<b>Fundamentals of Chemistry</b>	<b>(4)</b>
or		
<b>Chemistry 120</b>	<b>Preparation for General Chemistry</b>	<b>(4)</b>
	Total	42
	Plus General Education and Elective Requirements	

### Certificate of Achievement

Any student who chooses to complete only the courses required for the above major qualifies for a Certificate of Achievement in Forensics Technology. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

**Note: All courses must be completed with a letter grade of “C” or higher.**

## SECURITY MANAGEMENT

The Security Management program leads to a Certificate of Achievement and/or Associate Degree and is designed to prepare individuals for entry level management positions in loss prevention and asset protection in government and business. Security management is one of the fastest growing public safety and business-related occupations. Career opportunities exist in a wide variety of public and private organizations including contract service, government, healthcare, homeland defense, industrial, entertainment, sports, retail, and transportation environments. Salaries for security managers are competitive with those found in public law enforcement and business management occupations.

### Associate Degree Major Requirements

**Note: All courses in the major must be completed with a letter grade of “C” or higher.**

Subject & Number	Title	Units
Adm. of Justice 110	Introduction to Administration of Justice	3
Adm. of Justice 111	Introduction to Security Management	3
Adm. of Justice 201	Legal Aspects of Security Management	3

**Highlight: Additions**

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Adm. of Justice 207	Investigative Techniques for Security Management	3
<del>Adm. of Justice 210</del>	<del>Leadership in Criminal Justice</del>	<del>3</del>
Adm. of Justice 230	Public Safety Communications	3
<b>Adm. of Justice 240</b>	<b>Community and the Justice System</b>	<b>3</b>
Adm. of Justice 260	Information Security	3
Adm. of Justice 264	Terrorism and Homeland Security	3
	Total Required	24
	Plus General Education and Elective Requirements	

### Certificate of Achievement

Any student who chooses to complete only the courses required for the above major qualifies for a Certificate of Achievement in Security Management. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

**Note: All courses must be completed with a letter grade of “C” or higher.**

### ASSOCIATE IN ARTS IN ANTHROPOLOGY FOR TRANSFER, AA-T

The Associate in Arts in Anthropology for Transfer, AA.-T degree is designed to facilitate transfer to a California State University in keeping with SB1440. A total of 19-21 units are required to fulfill the major portion of this degree. This degree reflects the Transfer Model Curriculum (TMC) supported by the statewide Academic Senate. Students must also complete the California State University (CSU) General Education Breadth requirements or the Intersegmental General Education Transfer Curriculum (IGETC) for CSU requirements (see the “General Education Requirements and Transfer Information” section of the catalog). Students planning to transfer to SDSU should consult with a counselor.

The following requirements must be met to be awarded an Associate in Arts in Anthropology for Transfer, AA-T degree:

- (1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
  - (A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirement.
  - (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- (2) Obtainment of a minimum grade point average of 2.0. Students are also required to earn a "C" grade or higher or "Pass" in all courses required for the major.

Anthropology is the study of all aspects of humans, from the time of the earliest human ancestors to contemporary societies. Students of anthropology learn to develop a broad perspective on humanity, apply scientific research methods, and work effectively in a multi-cultural environment. These competencies can help students succeed in a global society.

A major in anthropology offers a solid foundation for students planning undergraduate and graduate work in anthropology, archaeology, or related fields in the social sciences or life sciences. Anthropology is an excellent background for professional training in medicine, education, law, business or social work, and for careers in the private sector, government and non-profit organizations.

**The Program-level Student Learning Outcomes (PSLOs)** below are outcomes that students will achieve after completing specific degree/certificate requirements in this program. Students will:

1. Describe and apply anthropological perspectives and holistic approaches to cultural and biological systems.
2. Explain the process of evolution by natural selection, with an emphasis on human and nonhuman primate evolution.
3. Identify and analyze cultural variation in beliefs, practices, and social organization across and within human groups.

### Associate Degree Major Requirements

**Note: All courses must be completed with a letter grade of “C” or higher or “Pass.”**

#### Required Core

Subject & Number	Title	Units
Anthropology 120	Cultural Anthropology	3
<i>Anthropology 130</i>	<i>Introduction to Biological Anthropology</i>	3

#### Highlight: Additions

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Anthropology 140	<u>Introduction to Archaeology</u>	3
	Total	9

**List A (a minimum of 3 units)**

Select ONE (1) of the following:

Subject & Number	Title	Units
Anthropology 215	Statistics for the Behavioral Sciences	4
or		
Psychology 215	Statistics for the Behavioral Sciences	(4)
or		
Sociology 215	Statistics for the Behavioral Sciences	(4)
or		
Mathematics 160	<u>Elementary Statistics</u>	(4)
	Total	4

**List B (3-5 units)**

Select ONE (1) to TWO (2) of the following:  
or any list A course not already used:

Biology 140	Human Anatomy	5
Geography 104	Introduction to Geographic Information Systems	3
Geology 110	Planet Earth	3
and		
Geology 111	Planet Earth Laboratory	1
<i>Psychology 205</i>	<i>Research Methods for Psychology</i>	4
Science 110	<u>Introduction to Scientific Thought</u>	3
	Total	3-5

**List C (3 units)**

Select ONE (1) of the following:

or any course from List A or List B not already used :

Anthropology 122	Anthropology of Magic, Witchcraft, and Religion	3
Anthropology 127	Cultures of Latin America	3
<i>Anthropology 131</i>	<i>Biological Anthropology Laboratory</i>	1
<del>Communication 124</del>	<del>Intercultural Communication</del>	<del>3</del>
or		
<del>Ethnic Studies 124</del>	<del>Intercultural Communication</del>	<del>(3)</del>
Ethnic Studies 114	Introduction to Race & Ethnicity	3
or		
Sociology 114	Introduction to Race & Ethnicity	(3)
Ethnic Studies 115	Cross Cultural Awareness	3
<del>Ethnic Studies 125</del>	<del>Cross Cultural Psychology</del>	<del>3</del>
or		
<del>Psychology 125</del>	<del>Cross Cultural Psychology</del>	<del>(3)</del>
<del>Ethnic Studies 130</del>	<del>U. S. History and Cultures: Native American Perspectives I</del>	<del>3</del>
or		
<del>History 130</del>	<del>U. S. History and Cultures: Native American Perspectives I</del>	<del>(3)</del>
<del>Ethnic Studies 131</del>	<del>U. S. History and Cultures: Native American Perspectives II</del>	<del>3</del>
or		
<del>History 131</del>	<del>U. S. History and Cultures: Native American Perspectives II</del>	<del>(3)</del>
Ethnic Studies 134	Introduction to American Indian Art	3
Ethnic Studies 137	American Indian Culture and Heritage	3
Ethnic Studies 138	The History and Culture of California Indians	3
Ethnic Studies 144	Communication Studies: Race and Ethnicity	3
or		
Communication 144	Communication Studies: Race and Ethnicity	(3)
Geography 130	Human Geography: The Cultural Landscape	3
<del>History 114</del>	<del>Comparative History of the Early Americas</del>	<del>3</del>

**Highlight: Additions**

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History 115	Comparative History of the Modern Americas	3
Religion 120	World Religions	3
Sociology 120	Introductory Sociology	3
Sociology 140	Sex and Gender Across Cultures	3
	Total	3
	<i>Units for the major</i>	19-21
	Units for CSU GE or IGETC – CSU GE	37-39
	Total units required for the degree	60
	Complete transferable units as needed to reach 60.	

## MARKETING

Marketing consists of all the activities that direct the flow of goods and services from producer to consumer. This may include market research, physical distribution, wholesaling, advertising, personal selling, and retailing. Although most jobs are in wholesale and retail trade, this broad field offers many employment opportunities. The internship experience is an important feature of the program.

**The Program-level Student Learning Outcomes (PSLOs)** below are outcomes that students will achieve after completing specific degree/certificate requirements in this program. Students will:

1. Utilize marketing analysis and strategy to identify marketing opportunities.
2. Define ideal target markets for broad industries as well as specific products and services, utilizing demographic and psychographic descriptions.
3. Develop effective promotional mix strategies for specific products and services, and their related target markets.

### Associate Degree Major Requirements

**Note: All courses in the major must be completed with a letter grade of “C” or higher.**

Subject & Number	Title	Units
Business 120	Financial Accounting	4
Business 125	Business Law: Legal Environment of Business	3
Business 128	Business Communication	3
Business 146	Marketing	3
Business 156	Principles of Management	3
Business Office Technology 172	Introduction to Microcomputer Applications	2
	Total	18

Select THREE (3) of the following courses:

Subject & Number	Title	Units
Business 118	Retail Management	3
Business 142	Personal Selling and Persuasion	3
Business 144	Advertising	3
Business 262	Global Trade Operations, Import Procedures	3
Business 263	Global Trade Operations, Export Procedures & Marketing	3
<del>Business 252</del>	<del>Global Sourcing, Buying and Manufacturing</del>	<del>1.5</del>
<del>Business 253</del>	<del>International Marketing: Expanding Exports</del>	<del>3</del>
	Total	9

Select ONE (1) of the following courses:

Subject & Number	Title	Units
Business 115	Human Relations in Business	3
Business 137 A-B-C-D	Marketing Internship	3
Business 140	Entrepreneurship: Developing	

**Highlight: Additions**

*Italics: Modifications*

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	a Business Plan	3
Business 250	Introduction to International Business	3
Business 258	The Cultural Dimension of International Business	3
	Total	3
	<i>Total Required</i>	<b>30</b>
	Plus General Education and Elective Requirements	

### Certificate of Achievement

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement in Marketing. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

**Note: All courses must be completed with a letter grade of “C” or higher.**

### CARDIOVASCULAR TECHNOLOGY

Cardiovascular Technology students are educated in the theory and clinical application of diagnostic tests used in the diagnosis and treatment of cardiovascular disease. The first year of the program is composed of a core curriculum of courses which encompass physics, mathematics, cardiovascular anatomy, physiology and pathophysiology, medical instrumentation and the application of clinical cardiovascular techniques.

After the first semester, students select one of three subspecialties for concentrated study, which includes lecture, laboratory and clinical experience courses.

Students are admitted to the Cardiovascular Technology Program based on the date a completed application packet is submitted to include the following: CVT application, completed immunizations and/or tests and official transcripts of all science prerequisites if taken outside of GCCCD. Program applications are accepted year round and is a separate process from an application to Grossmont College.

#### Associate Degree Major Requirements

**Note: All courses in the major must be completed with a letter grade of “C” or higher.**

#### Core Curriculum

All students complete the following core courses in the first year of the program:

Subject & Number	Title	Units
Cardiovascular Technology 100	Physical Principles of Medicine I	2
Cardiovascular Technology 101	Cardiovascular Physiology I	4
Cardiovascular Technology 102	Medical Instrumentation I	3
Cardiovascular Technology 103	Laboratory Practicum and Proficiency Testing I	2
Cardiovascular Technology 111	Cardiovascular Physiology II	4
Cardiovascular Technology 113	Introduction to Clinical Practicum II	1
Cardiovascular Technology 114	<u>Cardiovascular Pharmacology</u>	<u>2</u>
	Total	18

#### Area of Emphasis

##### Invasive

**Note: All courses must be completed with a letter grade of “C” or higher.**

Subject & Number	Title	Units
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**Highlight: Additions**

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Cardiovascular Technology 109	X-Ray Physics and Radiation Safety	3
Cardiovascular Technology 116	Introduction to Invasive Cardiology	4
<del>Cardiovascular Technology 122</del>	<del>Clinical Practicum I: Invasive Cardiology</del>	<del>2</del>
Cardiovascular Technology 130	Clinical Practicum I	2
Cardiovascular Technology 222	Diagnostic Procedures, Invasive Cardiology	5
<del>Cardiovascular Technology 232</del>	<del>Clinical Practicum II: Invasive Cardiology</del>	<del>5</del>
Cardiovascular Technology 220	Clinical Practicum II	5
Cardiovascular Technology 252	Interventional Procedures II: Invasive Cardiology	5
<del>Cardiovascular Technology 262</del>	<del>Clinical Practicum III: Invasive Cardiology</del>	<del>5</del>
Cardiovascular Technology 250	Clinical Practicum III	5
	Total	29
	Total Required	47
	Plus General Education and Elective Requirements	

### Area of Emphasis

#### Adult Echocardiography

**Note: All courses must be completed with a letter grade of “C” or higher.**

Subject & Number	Title	Units
Cardiovascular Technology 110	Physical Principles of Medicine II	3
Cardiovascular Technology 115	Introduction to Adult Echocardiography	4
<del>Cardiovascular Technology 121</del>	<del>Clinical Practicum I: Adult Echocardiography</del>	<del>2</del>
Cardiovascular Technology 130	Clinical Practicum I	2
Cardiovascular Technology 221	Diagnostic Procedures I: Adult Echocardiography	5
<del>Cardiovascular Technology 231</del>	<del>Clinical Practicum II: Adult Echocardiography</del>	<del>5</del>
Cardiovascular Technology 220	Clinical Practicum II	5
Cardiovascular Technology 251	Diagnostic Procedures II: Adult Echocardiography	5
<del>Cardiovascular Technology 261</del>	<del>Clinical Practicum III: Adult Echocardiography</del>	<del>5</del>
Cardiovascular Technology 250	Clinical Practicum III	5
	Total	29
	Total Required	47
	Plus General Education and Elective Requirements	

### Area of Emphasis

#### Vascular Technology

**Note: All courses must be completed with a letter grade of “C” or higher.**

Subject & Number	Title	Units
Cardiovascular Technology 110	Physical Principles of Medicine II	3
Cardiovascular Technology 117	Introduction to Vascular Technology	4
<del>Cardiovascular Technology 123</del>	<del>Clinical Practicum I: Vascular Technology</del>	<del>2</del>
Cardiovascular Technology 130	Clinical Practicum I	2
Cardiovascular Technology 223	Diagnostic Procedures I: Vascular Technology	5
<del>Cardiovascular Technology 233</del>	<del>Clinical Practicum II: Vascular Technology</del>	<del>5</del>
Cardiovascular Technology 220	Clinical Practicum II	5
Cardiovascular Technology 253	Diagnostic Procedures II: Vascular Technology	5
<del>Cardiovascular Technology 263</del>	<del>Clinical Practicum III: Vascular Technology</del>	<del>5</del>
Cardiovascular Technology 250	Clinical Practicum III	5
	Total	29
	Total Required	47
	Plus General Education and Elective Requirements	

### CULINARY ARTS

The Culinary Arts Associate Degree program focuses on the development of flexible skills and knowledge essential for success in a cooking career. Modern food service is evolving rapidly thus providing a tremendous variety of workplaces from the exclusive dining room to the school cafeteria, from small intimate restaurants to the large hotel restaurants and catering facilities. Other opportunities

**Highlight: Additions**

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include catering and personal chef. The associate degree will enable the student to understand the workings of food and the interplay among ingredients, cooking methods, cost factors, nutrition and a satisfying dining experience.

**The Program-level Student Learning Outcomes (PSLOs)** below are outcomes that students will achieve after completing specific degree/certificate requirements in this program. Students will:

1. Demonstrate critical thinking in the food service environment.
2. Demonstrate appropriate behaviors in the work place environment.
3. Apply job acquisition skills.

### Associate Degree Major Requirements

**Note: All courses in the major must be completed with a letter grade of “C” or higher.**

Subject & Number	Title	Units
<i>Culinary Arts 160</i>	<i>Quantity Food Preparation and Production</i>	
	<i>Banquet Service Production</i>	3
Culinary Arts 163	Food Purchasing for Culinary Arts	1
Culinary Arts 165	Sanitation for Food Service	1
Culinary Arts 166	Menu Management	1
Culinary Arts 169	Essential Skills for Culinary Arts	3
Culinary Arts 171	Intermediate Culinary Skills	3
Culinary Arts 172	Principles of Soup, Stock and Sauce Preparation	3
Culinary Arts 173	Principles of Buffet and Catering	3
Culinary Arts 174	Principles of Baking and Pastry Making	3
Culinary Arts 175	Healthy Lifestyle Cuisine	3
<i>Culinary Arts 178</i>	<i>Fruits, Vegetables, Ice Carving and Competition</i>	
	<i>Garde Manger</i>	3
Culinary Arts 180	Advanced Food Preparation for Fine Dining	3
<i>Culinary Arts 280</i>	<i>Seminar for Work Experience for Culinary Arts</i>	
	<i>Culinary Career Preparation</i>	1
Culinary Arts 281	Work Experience in Culinary Arts	2
Culinary Arts 282	Advanced Work Experience in Culinary Arts	2
	<b>Total</b>	<b>35</b>

Select ONE (1) of the following courses:

Subject & Number	Title	Units
Nutrition 155	Realities of Nutrition	3
Culinary Arts 164	International Cooking	3
Culinary Arts 167	Wines of the World	3
Culinary Arts 170	Introduction to Catering Management	3
Culinary Arts 176	Advanced Baking and Pastry Arts	3
Culinary Arts 177	Commercial Baking	3
	<b>Total</b>	<b>3</b>
	<b>Total Required</b>	<b>38</b>
	Plus General Education and Elective Requirements	

### Certificate of Achievement

Any student who chooses to complete only the requirements listed above for the major qualifies for a Certificate of Achievement in Culinary Arts. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

**Note: All courses must be completed with a letter grade of “C” or higher.**

### PASTRY ARTS

#### Associate Degree Major Requirements

**Note: All courses in the major must be completed with a letter grade of “C” or higher.**

**Highlight: Additions**

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Subject & Number	Title	Units
Culinary Arts 160	Banquet Service Production	3
Culinary Arts 165	Sanitation for Food Service	1
Culinary Arts 169	Essential Skills for Culinary Arts	3
Culinary Arts 171	Intermediate Culinary Skills	3
Culinary Arts 174	Principles of Baking and Pastry	3
Culinary Arts 176	Advanced Baking and Pastry	3
Culinary Arts 177	Commercial Baking	3
Culinary Arts 180	Advanced Food Preparation for Fine Dining	3
Culinary Arts 183	Pastry Skills in Bread Baking	3
Culinary Arts 184	Pastry Skills in Chocolate Preparation	3
<i>Culinary Arts 185</i>	<del><i>Sugar Work and Decorative Centerpieces</i></del>	
	<i>Sugar Work, Petits Fours, and Specialty Pastries</i>	3
Culinary Arts 186	Pastry Skills in Cake Decorating	3
Culinary Arts 280	Culinary Career Preparation	1
Culinary Arts 281	Work Experience in Culinary Arts	2
Culinary Arts 282	Advanced Work Experience in Culinary Arts	2
	<hr/>	
	Total	39

Select ONE (1) of the following courses:

Subject & Number	Title	Units
Culinary Arts 164	International Cooking	3
Culinary Arts 167	Wines of the World	3
Culinary Arts 175	Healthy Lifestyle Cuisine	3
Culinary Arts 178	Garde Manger	3
Nutrition 155	Introduction to Nutrition	3
	<hr/>	
	Total	3
	Total Required	42
	Plus General Education and Elective Requirements	

### Certificate of Achievement

Any student who chooses to complete only the requirements listed above for the major qualifies for the Certificate of Achievement in Pastry Arts. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

**Note: All courses must be completed with a letter grade of “C” or higher.**

### CULINARY ENTREPRENEURSHIP

Students who plan to prepare for a career in the culinary field as a manager or owner of a business will find that success is contingent on both expertise in culinary arts and a basic business foundation. Careers are available in a wide spectrum of enterprises such as:

- ◆ Fine dining restaurants and hotels
- ◆ Food service in the regional casinos
- ◆ Bed and breakfast enterprises
- ◆ Catering businesses
- ◆ Personal chef

This hybrid program combines the basics of culinary arts with the fundamental business skills that prepare students to enter a career that has unlimited potential for the future.

### Associate Degree Major Requirements

**Note: All courses in the major must be completed with a letter grade of “C” or higher.**

Subject & Number	Title	Units
<b>Highlight: Additions</b>	<i>Italics: Modifications</i>	<del><i>Strikethrough: Deletion</i></del>
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Business 109	Elementary Accounting	3
Business 146	Marketing	3
Business 148	Customer Relations Management	1.5
Business 156	Principles of Management	3
Business 158	Introduction to Hospitality and Tourism Management	3
Business Office Technology 172	Introduction to Microcomputer Applications	2
<i>Culinary Arts 160</i>	<del>Quantity Food Preparation and Production</del>	
	<b>Banquet Service Production</b>	3
Culinary Arts 163	Food Purchasing for Culinary Arts	1
Culinary Arts 165	Sanitation for Food Service	1
Culinary Arts 166	Menu Management	1
Culinary Arts 169	Essential Skills for Culinary Arts	3
Culinary Arts 171	<u>Intermediate Culinary Skills</u>	3
	Total	27.5

Select ONE (1) of the following courses:

Subject & Number	Title	Units
Business 115	Human Relations in Business	3
Business 140	Entrepreneurship: Developing a Business Plan	3
<b>Ethnic Studies 115</b>	<b>Cross Cultural Competence</b>	3
<del>Cross Cultural Studies 170</del>	<del>American Indian Tribal Governments and Indian Sovereignty</del>	<del>3</del>
Culinary Arts 170	Introduction to Catering Management	3
Culinary Arts 173	<u>Principles of Buffet and Catering</u>	3
	Total	3
	Total Required	30.5
	Plus General Education and Elective Requirements	

### Certificate of Achievement

Any student who chooses to complete only the courses required for the above major qualifies for a Certificate of Achievement in Culinary Entrepreneurship. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

### BANQUET COOK

#### Certificate of Achievement

The Banquet Cook certificate prepares the student who has no exposure to the field and those with limited experience to immediately enter any Food Service banquet operation in a banquet cook entry-level position with greater opportunity for advancement. The Food Service industry offers unlimited career opportunities and valuable experience. The foundation courses that can be completed in one or two semesters may lead to a Certificate of Achievement in Culinary Arts or with general education courses, an Associate of Science Degree in Culinary Arts.

**Note: All courses must be completed with a letter grade of “C” or higher.**

Subject & Number	Title	Units
<i>Culinary Arts 160</i>	<del>Quantity Food Preparation and Production</del>	
	<b>Banquet Service Production</b>	3
Culinary Arts 165	Sanitation for Food Service	1
Culinary Arts 169	Essential Skills for Culinary Arts	3
Culinary Arts 171	Intermediate Culinary Skills	3
Culinary Arts 172	<u>Principles of Soup, Stock and Sauce Preparation</u>	3
	Total	13

### Certificate of Achievement

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement in Banquet Cook. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

**Note: All courses must be completed with a letter grade of “C” or higher.**

**Highlight: Additions**

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## PREP COOK

### Certificate of Achievement

The Prep Cook certificate prepares the student who has no exposure to the field and those with limited experience to immediately enter any food service operation in a prep cook entry-level position with greater opportunity for advancement. The food service industry offers unlimited career opportunities and valuable experience. The foundation courses that can be completed in one or two semesters may lead to a Certificate of Achievement in Culinary Arts or with general education courses, an Associate of Science Degree in Culinary Arts.

**Note: All courses must be completed with a letter grade of “C” or higher.**

Subject & Number	Title	Units
Culinary Arts 160	<del>Quantity Food Preparation and Production</del> <b>Banquet Service Production</b>	3
Culinary Arts 165	Sanitation for Food Service	1
Culinary Arts 169	Essential Skills for Culinary Arts	3
Culinary Arts 172	Principles of Soup, Stock and Sauce Preparation	3
Culinary Arts 180	<u>Advanced Food Preparation for Fine Dining</u>	<u>3</u>
	Total	13

### Certificate of Achievement

Any student who chooses to complete only the requirements listed above qualifies for a Certificate of Achievement in Prep Cook. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

**Note: All courses must be completed with a letter grade of “C” or higher.**

## ETHNIC STUDIES

The Ethnic Studies and Gender Studies majors-certificates prepare students to transfer to four-year institutions for continued study in African American Studies, Mexican American/Latino Studies, Asian American Studies, American Indian Studies, or Women's Studies. The department outlined below partially fulfills lower division requirements in those areas. For special requirements, transfer students should consult the catalog of the transfer institution for specific requirements. Ethnic Studies classes in general are helpful for further studies in such diverse fields as history, sociology, ethnic studies, ~~third world studies~~ and political science.

### CROSS-CULTURAL COMPETENCE

~~This certificate accompanies the completion of Ethnic Studies 115: Cross-Cultural Competence with a letter grade of “C” or higher. It~~  
This certificate prepares a student to effectively work in our 21<sup>st</sup>-century cross-cultural environments, both within organizations and in interactions with the public. It provides a framework for a life-long journey of critical reflection and improving upon best practices that move people and institutions toward practices of inclusiveness.

### Program Student Learning Outcomes

Upon completion of this course, our students will be able to do the following:

- Assess the influence of intersectionality, culture, perception, language, and non-verbal messages in cross-cultural settings.
- Analyze and describe specific barriers to effective cross-cultural interaction and construct solutions.
- Demonstrate the ability to interact effectively in cross-cultural situations

**Note: This course must be completed with a letter grade of “C” or higher.**

Subject & Number	Title	Units
<b>Ethnic</b> Studies 115	<u>Cross Cultural Competence</u>	<u>3</u>
	Total	3

### CROSS-CULTURAL COMMUNICATION SKILLS

This certificate prepares students to work in a job requiring cross-cultural interpersonal communication skills. Cultural proficiency through these courses provides students with a worldview and ways to effectively recognize, respond to, and plan for issues that arise in diverse environments. Completion of these courses prepares a student to integrate cross-cultural knowledge and communication skills when interacting orally or in writing with people of diverse backgrounds and/or identities.

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### Program Student Learning Outcomes

At the end of these three classes, students will be able to:

Integrate cross-cultural knowledge and communication skills when interacting orally or in writing with people of diverse backgrounds and/or identities.

**Note: All courses must be completed with a letter grade of “C” or higher.**

Subject & Number	Title	Units
<i>Ethnic Studies 115</i> and Communication 144 or <i>Ethnic Studies 144</i> or Communication 124 and English 120	<i>Introduction to Cross Cultural Competence</i>  Communication Studies: Race and Ethnicity  <i>Communication Studies: Race and Ethnicity</i>  Intercultural Communication  <u>College Composition and Reading</u> Total	3  3  (3)  (3)  (3)  9

### CROSS-CULTURAL SKILLS, WITH CONVERSATIONAL-LEVEL SECOND LANGUAGE

This certificate prepares students to work in a job requiring cross-cultural interpersonal communication and multi-lingual skills. Cultural proficiency through these courses provides students with a worldview and ways to effectively recognize, respond to, and plan for issues that arise in diverse environments. Completion of these courses prepares a student to integrate cross-cultural knowledge and communication skills when conversing in English or another language with people of diverse backgrounds and/or identities.

### Program Student Learning Outcomes

At the end of these three classes, students will be able to:

Integrate cross-cultural knowledge and communication skills when interacting orally or in writing with people of diverse backgrounds and/or identities.

**Note: All courses must be completed with a letter grade of “C” or higher.**

Subject & Number	Title	Units
<i>Ethnic Studies 115</i> and Communication 144 or <i>Ethnic Studies 144</i> or Communication 124 and ONE (1) of the following (3-5 units): Arabic 251 French 251 German 251 Japanese 251 Russian 251 Spanish 251 American Sign Language 221 and American Sign Language 222	<i>Cross Cultural Competence</i>  Communication Studies: Race and Ethnicity  <i>Communication Studies: Race and Ethnicity</i>  Intercultural Communication  Conversational Arabic II Conversational French II Conversational German II Conversational Japanese II Conversational Russian II Conversational Spanish II American Sign Language IV  <u>Conversation Lab II</u> Total	3  3  (3)  (3)  3 3 3 3 3 3 3 4  1  9-11

### Exercise Science and Wellness

The Department of Exercise Science and Wellness (formerly the Department of Physical Education) offers a solid academic foundation for further study in the field of exercise science, kinesiology and/or physical education. The primary emphasis of the Exercise Science and Wellness major program is to prepare students for successful transfer to baccalaureate (four-year) institutions as well as for entry-level jobs within the fitness industry. The course package for majors is modeled on the preparation for major at San Diego State

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University, and allows for an emphasis either in Fitness, Nutrition and Health in line with SDSU. The package may also satisfy many requirements for most other California State University institutions as well, but students should check the catalog of the school being considered for its specific requirements.

**The Program-level Student Learning Outcomes (PSLOs)** below are outcomes that students will achieve after completing specific degree/certificate requirements in this program. Students will:

1. Demonstrate knowledge, skills and appreciation of exercise science principles.
2. Identify the basic principles for maintaining an active and healthy lifestyle.

**Associate Degree Major Requirements  
Core Curriculum**

**Note: All courses in the major must be completed with a letter grade of “C” or higher.**

Subject & Number	Title	Units
<i>Exercise Science 005A or B or C</i>	<i>Beginning, or Intermediate, or Advanced <del>Aerobic</del> Cardio Fitness and <del>Weight</del> Resistance Training</i>	1.5
Exercise Science 250	Introduction to Kinesiology	3
Exercise Science 255	Care and Prevention of Athletic Injuries	3
Exercise Science 290	Teaching Techniques and Methods in Exercise Science	1.5
Biology 140	Human Anatomy	5
Chemistry 115	Fundamentals of Chemistry	4
or		
Chemistry 120	Preparation for General Chemistry	(4)
Communication 122	Public Speaking	3
Nutrition 158	Nutrition for Fitness and Sports	3
or		
Nutrition 255	Science of Nutrition	(3)
	NOTE: (NUTR 255 is required for the Kinesiology major at SDSU)	
Psychology 120	Introductory Psychology	3
Sociology 120	<u>Introductory Sociology</u>	<u>3</u>
	Total	30

Select ONE (1) of the following courses:

Subject & Number	Title	Units
Biology 215	Statistics for Life Sciences	3
Psychology 215	Statistics for the Behavioral Sciences	4
Sociology 215	Statistics for the Behavioral Sciences	4
Mathematics 160	<u>Elementary Statistics</u>	<u>4</u>
	Total	3-4

Select ONE (1) of the following courses:

Subject & Number	Title	Units
Exercise Science 006A or B or C	Beginning or Intermediate or Advanced Total Body Fitness	1
Exercise Science 008A or B or C	Beginning or Intermediate or Advanced Indoor Cycling	1
Exercise Science 009A or B or C	Beginning or Intermediate or Advanced Aerobic Dance Exercise	1
<i>Exercise Science 023A or B or C</i>	<i>Beginning or Intermediate or Advanced <del>Weight</del> Resistance Training</i>	<i>1</i>
Exercise Science 026	Stress Reduction Through Movement And Mindfulness	1
Exercise Science 027A or B or C	Beginning or Intermediate or Advanced T'ai Chi Ch'uan	1

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Exercise Science 043A or B or C	Beginning or Intermediate or Advanced Swimming	1
Exercise Science 060A or B or C	Beginning or Intermediate or Advanced Badminton	1
Exercise Science 076A or B or C	Beginning or Intermediate or Advanced Tennis	1
Exercise Science 125A or B or C	Beginning or Intermediate or Advanced Golf	1-1.5
Exercise Science 130A or B or C	Beginning or Intermediate or Advanced Gymnastics	1-1.5
Exercise Science 171A or B or C	Beginning or Intermediate or Advanced Softball	1
Exercise Science 175A or B or C	Beginning or Intermediate or Advanced Volleyball	1
<hr/>		
Total		1-1.5
Total Required		34-35.5
Plus General Education and Elective Requirements		

### Certificate of Achievement

Any student who chooses to complete only those courses required for the above major (i.e. 34 – 35.5 units) qualifies for a Certificate of Achievement in Exercise Science and Wellness. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.

**Note: All courses must be completed with a letter grade of “C” or higher.**

### ASSOCIATE IN ARTS IN KINESIOLOGY FOR TRANSFER (AA-T)

The Associate in Arts in Kinesiology for Transfer (AA-T) degree is designed to facilitate transfer to a California State University in keeping with SB 1440. This degree reflects the Transfer Model Curriculum (TMC) supported by the Statewide Academic Senate. A total of 22-25.5 units are required to fulfill the major portion of this degree. Students must also complete the California State University (CSU) General Education Breadth requirements or the Intersegmental General Education Transfer Curriculum (IGETC) for CSU requirements (see the “General Education Requirements and Transfer Information” section of the catalog). Students planning to transfer to SDSU should consult with a counselor.

The following requirements must be met to be awarded an Associate in Arts in Kinesiology for Transfer (AA-T) degree:

- (1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
  - (A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirement.
  - (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- (2) Obtainment of a minimum grade point average of 2.0. Students are also required to earn a "C" grade or higher or "Pass" in all courses required for the major.

The Department of Exercise Science and Wellness offers a solid academic foundation for further study in the fields of Exercise Science, Kinesiology and/or Physical Education. The primary emphasis of the Exercise Science and Wellness major program is to prepare students for successful transfer to baccalaureate (four-year) institutions as well as for entry-level jobs within the fitness industry. The course package for majors is modeled on the preparation for major at the California State University Institutions and allows for an emphasis either in Fitness, Nutrition and Health. The package may also satisfy many requirements for most other California State University institutions as well, but students should check the catalog of the school being considered for its specific requirements.

**Program-level Student Learning Outcomes (PSLOs)** below are outcomes that students will achieve after completing the specific degree requirements in this program. Students will:

1. Demonstrate knowledge, skills and appreciation of Exercise Science principles.
2. Identify the basic principles for maintaining an active and healthy lifestyle.

### Associate Degree in Kinesiology for Transfer Major Requirements

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**Note: All courses must be completed with a letter grade of “C” or higher or “Pass.”**

**Required Core**

<b>Subject &amp; Number</b>	<b>Title</b>	<b>Units</b>
Exercise Science 250	Introduction to Kinesiology	3
Biology 140	Human Anatomy	5
Biology 141	Human Physiology	3
and Biology 141L	<u>Laboratory in Human Physiology</u>	<u>1</u>
	<b>Total</b>	<b>12</b>

Select a maximum of ONE (1) course from any THREE (3) of the following areas for a minimum of THREE (3) units.

**Aquatics**

Exercise Science 043A or B or C	Beginning or Intermediate or Advanced Swimming	1
Exercise Science 044A or B	Beginning or Intermediate Lap Swimming for Health and Fitness	1

**Combatives**

Exercise Science 185A or B or C	Beginning or Intermediate or Advanced Fencing	1.5
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**Dance**

Dance 082A or B	Social and Ballroom Dance I or II	1.5
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**Fitness**

<i>Exercise Science 005A or B</i>	<i>Beginning or Intermediate <del>Aerobic</del> <b>Cardio</b> Fitness and <del>Weight</del> <b>Resistance</b> Training</i>	<i>1.5</i>
Exercise Science 006A or B	Beginning or Intermediate Total Body Fitness	1
Exercise Science 009A or B	Beginning or Intermediate Aerobic Dance Exercise	1
<i>Exercise Science 023A or B</i>	<i>Beginning or Intermediate <del>Weight</del> <b>Resistance</b> Training</i>	<i>1</i>

**Individual Sports**

Exercise Science 060A or B or C	Beginning or Intermediate or Advanced Badminton	1
Exercise Science 076A or B or C	Beginning or Intermediate or Advanced Tennis	1
Exercise Science 125A or B or C	Beginning or Intermediate or Advanced Golf	1-1.5
Exercise Science 130A or B or C	Beginning or Intermediate or Advanced Gymnastics	1-1.5

**Team Sports**

Exercise Science 155A or B or C	Beginning or Intermediate or Advanced Basketball	1
Exercise Science 170A or B or C	Beginning or Intermediate or Advanced Soccer	1
Exercise Science 171A or B or C	Beginning or Intermediate or Advanced Softball	1
Exercise Science 172A or B or C	Beginning or Intermediate or Advanced Baseball	1
Exercise Science 175A or B or C	<u>Beginning or Intermediate or Advanced Volleyball</u>	<u>1</u>
	<b>Total</b>	<b>3-4.5</b>

**List A**

Select TWO (2) of the following courses:

Math 160	Elementary Statistics	4
or		
Anthropology 215	Statistics for the Behavioral Sciences	(4)
or		
Psychology 215	Statistics for the Behavioral Sciences	(4)
or		
Sociology 215	Statistics for the Behavioral Sciences	(4)
Biology 118	Introduction to Human Biology	3
Chemistry 102	Introduction to General, Organic and Biological Chemistry	5
or		
Chemistry 141	<u>General Chemistry I</u>	<u>(5)</u>
	<b>Total</b>	<b>7-9</b>
	Units for the major	22-25.5

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## ASSOCIATE IN ARTS IN JOURNALISM FOR TRANSFER AA-T

The Associate in Arts in Journalism for Transfer (AA-T) degree is designed to facilitate transfer to a California State University in keeping with SB 1440. This degree reflects the Transfer Model Curriculum (TMC) supported by the Statewide Academic Senate. A total of 18-19 units are required to fulfill the major portion of this degree. Students must also complete the California State University (CSU) General Education Breadth requirements or the Intersegmental General Education Transfer Curriculum (IGETC) for CSU requirements (see the “General Education Requirements and Transfer Information” section of the catalog). Students planning to transfer to SDSU should consult with a counselor.

The following requirements must be met to be awarded an Associate in Arts in Journalism for Transfer (AA-T) degree:

- (1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
  - (A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirement.
  - (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- (2) Obtainment of a minimum grade point average of 2.0. Students are also required to earn a "C" grade or higher or "Pass" in all courses required for the major.

The Associate in Arts in Journalism for Transfer Degree (AA-T) will provide students with the lower division core courses required for bachelor-level study in the discipline. A degree in journalism offers graduates a variety of career paths in such fields as print and TV/Radio broadcast news, social media editors, news management, copy editing, internet news, digital communications, public relations. It also serves as an excellent foundation for in fields such as politics, education, management, and information production and dissemination. The program is designed to meet lower division requirements for transfer.

The Associate in Arts in Journalism for Transfer (AA-T) degree will fulfill the mission of both Grossmont College and the community college system by providing a specific group of baccalaureate-level courses that will meet lower division degree requirements in the discipline and allow for seamless transfer to the California State University and University of California systems.

**The Program-level Student Learning Outcomes (PSLOs)** below are outcomes that students will achieve after completing specific degree/certificate requirements in this program. Students will:

1. Students will employ discipline knowledge and skill sets.
2. Students will define and execute their knowledge of journalism in multiple media formats.

### Associate Degree in Journalism for Transfer Major Requirements

**Note: All courses must be completed with a letter grade of “C” or higher or “Pass.”**

#### Required Core

Subject & Number	Title	Units
Media Communications 110	Mass Media and Society	3
<i>Media Communications 112</i>	<i>Introduction to Reporting and News Writing</i>	3
<i>Media Communications 132A</i>	<i>Student News Production 1</i>	3
	Total	9

#### List A

Select ONE (1) of the following courses:

<i>Media Communications 132B</i>	<i>Student News Production 2</i>	3
Media Communications 212	Multimedia Reporting	3
	Total	3

## List B

Select TWO (2) of the following courses:

Anthropology 215	Statistics for the Behavioral Sciences	4
or		
Psychology 215	Statistics for the Behavioral Sciences	(4)
or		
Sociology 215	Statistics for the Behavioral Sciences	(4)
or		
Mathematics 160	Elementary Statistics	(4)
Communication 137	Critical Thinking in Group Communication	3
Communication 145	Argumentation	3
Economics 120	Principles of Macroeconomics	3
or		
Economics 121	Principles of Microeconomics	(3)
English 124	Advanced Composition: Critical Reasoning and Writing	3
Media Communications 210	Social Media in the Digital Age	3
Media Communications 250	Introduction to Representation in the Media	3
Photography 150	Introduction to Photography	3
Philosophy 130	Logic	3
Political Science 121	Introduction to US Government and Politics	3
	<hr/>	
	Total	6-7
	Units for the major	18-19
	Units for CSU GE or IGETC-CSU GE	37-39
	Total units required for the degree	60
	Complete transferable units as needed to reach 60.	

## MEDIA COMMUNICATIONS

The Department of Media Communications' curriculum serves two purposes:

1. The Media Communications (MCOM) curriculum brings to the student an awareness of the impact of communications technology and programming in our daily lives and on society as a whole. We are experiencing a revolution in information availability and the expertise of media in manipulating that information. Most members of society remain unaware of the pervasive nature of this influence even though it has become a constant in their lives. The Department of Media Communications aims to make students more thoughtful consumers of mass media.
2. The courses offered in Media Communications are also designed to give students a working knowledge of the concepts, values, theoretical understanding, operational skills, rapidly developing technology, and experience necessary to succeed as competent professional communicators in the fields represented by the curriculum: Audio Production, Cross-Media Journalism, and Video Production

The Department of Media Communications at Grossmont College enjoys a statewide and national reputation for excellence. The faculty, both full-and part-time, have been carefully chosen for their many years of experience both in their fields and in the classroom. The career opportunities for majors in this department include positions in newspapers, news agencies, public relations, commercial and non-commercial television, radio, business and industry non-broadcast applications, videoconferencing, video production studios, education, and the growing fields of digital communications and multimedia.

Students may elect a program from these three areas: Audio Production, Cross-Media Journalism, or Video Production. The programs are designed to meet lower division transfer requirements or job entry requirements, depending on the goals of the student.

The Program-level Student Learning Outcome (PSLOs) below is an outcome that students will achieve after completing specific degree/certificate requirements in this program.

1. Students will analyze the functions and roles of mass media in US society.
2. Students will understand and apply the functions and principles of mass media within society.
3. Students will organize and synthesize the basic principles of their discipline knowledge and create applicable media.

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**Associate Degree Major Requirements  
Core Curriculum**

**Note: All courses in the major must be completed with a letter grade of “C” or higher or “Pass.”**

<b>Subject &amp; Number</b>	<b>Title</b>	<b>Units</b>
Media Communications 105	Introduction to Electronic Media	3
Media Communications 110	Mass Media and Society	3
Media Communications 112	Introduction to Reporting and News Writing	3
Media Communications 116	Introduction to Audio Production	3
Media Communications 117	<u>Television Studio Operations</u>	4
	Total	16

**Note: Students must choose at least one area of emphasis.**

**Area of Emphasis**

**Audio Production**

**Note: All courses must be completed with a letter grade of “C” or higher.**

<b>Subject &amp; Number</b>	<b>Title</b>	<b>Units</b>
Media Communications 113	<u>Media Announcing</u>	3
	Total	3

Select THREE (3) units from the following courses:

<i>Media Communications 151</i>	<i>Media Internship 1</i>	1
<i>Media Communications 153</i>	<i>Media Internship 2</i>	2
<i>Media Communications 155</i>	<i>Media Internship 3</i>	(3)
	Total	3

Select ONE of the following sequences:

<b>Subject &amp; Number</b>	<b>Title</b>	<b>Units</b>
<i>Media Communications 119A</i>	<i>Radio Station Operations 1</i>	3
<i>Media Communications 119B</i>	<i>Radio Station Operations 2</i>	3
<i>Media Communications 119C</i>	<i>Radio Station Operations 3</i>	3
or		
<i>Media Communications 216A</i>	<i>Audio Multi-track Production 1</i>	(3)
<i>Media Communications 216B</i>	<i>Audio Multi-track Production 2</i>	(3)
<i>Media Communications 216C</i>	<i>Audio Multi-track Production 3</i>	(3)
	Total	9
	Total Required	31
	Plus General Education and Elective Requirements	

**Recommended Electives:**

<b>Subject &amp; Number</b>	<b>Title</b>	<b>Units</b>
<i>Media Communications 111</i>	<i>Introduction to Film Analysis</i>	3
Media Communications 118	Media Script Writing	3

**Area of Emphasis**

**Cross-Media Journalism**

**Note: All courses must be completed with a letter grade of “C” or higher.**

<b>Subject &amp; Number</b>	<b>Title</b>	<b>Units</b>
<b>Highlight: Additions</b>	<i>Italics: Modifications</i>	<del>Strikethrough: Deletion</del>
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Media Communications 113	Media Announcing	3
Media Communications 118	Media Script Writing	3
<i>Media Communications 119A</i>	<i>Radio Station Operations 1</i>	3
Media Communications 210	<i>Social Media in the Digital Age</i>	3
	Total	12

Select ONE (1) of the following courses:

Subject & Number	Title	Units
<i>Media Communications 132A</i>	<i>Student News Production 1</i>	3
<i>Media Communications 132B</i>	<i>Student News Production 2</i>	(3)
<i>Media Communications 132C</i>	<i>Student News Production 3</i>	(3)
	Total	3

Select THREE (3) units from the following courses:

Subject & Number	Title	Units
<i>Media Communications 151</i>	<i>Electronic Media Internship 1</i>	1
<i>Media Communications 153</i>	<i>Electronic Media Internship 2</i>	2
<i>Media Communications 155</i>	<i>Electronic Media Internship 3</i>	(3)
	Total	3
	Total Required	34
	Plus General Education and Elective Requirements	

#### Recommended Electives:

Subject & Number	Title	Units
<del>Media Communications 111</del>	<del>Introduction to Media Aesthetics and Cinematic Arts</del>	<del>3</del>
Media Communications 212	Multimedia Reporting	3
Media Communications 250	Introduction to Representation in the Media	3

#### Area of Emphasis Video Production

Note: All courses must be completed with a letter grade of "C" or higher.

Subject & Number	Title	Units
<i>Media Communications 111</i>	<i>Introduction to Film Analysis</i>	3
Media Communications 118	Media Script Writing	3
Media Communications 120	Single Camera Video Cinematography	3
Media Communications 230	Digital Program Production I	3
	Total	12

Select THREE (3) units from the following courses:

Subject & Number	Title	Units
<i>Media Communications 151</i>	<i>Electronic Media Internship 1</i>	1
<i>Media Communications 153</i>	<i>Electronic Media Internship 2</i>	2
<i>Media Communications 155</i>	<i>Electronic Media Internship 3</i>	(3)
	Total	3
	Total Required	31
	Plus General Education and Elective Requirements	

#### Recommended Electives:

Subject & Number	Title	Units
Theatre 110	Introduction to the Theatre	3
Media Communications 250	Introduction to Representation in the Media	3

#### Certificate of Achievement

Highlight: Additions

Italics: Modifications

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Any student who chooses to complete only the requirements for one of the areas of emphasis plus the Media Communications core curriculum qualifies for a Certificate of Achievement in:

- Media Communications – Audio Production
- Media Communications – Cross-Media Journalism
- Media Communications – Video Production

## PHILOSOPHY

The Philosophy major is designed to provide a solid background for students wishing to continue their studies in philosophy at four-year institutions. Students who plan to transfer to a four-year institution should check the catalog of the transfer school being considered.

**The Program-level Student Learning Outcomes (PSLOs)** below are outcomes that students will achieve after completing specific degree/certificate requirements in this program. Students will:

1. Engage with a body of philosophic literature by demonstrating in college-level writing and/or other evaluative processes, including but not limited to, critiques, comparison and contrast of theories and formulation of argumentation.
2. Identify basic concepts, branches and terminology of the discipline by demonstrating in college-level writing and/or other evaluative processes, including but not limited to, critiques, comparison and contrast of theories and formulation of argumentation.

### Associate Degree Major Requirements

**Note: All courses in the major must be completed with a letter grade of “C” or higher.**

Subject & Number	Title	Units
Philosophy 110	A General Intro to Philosophy	3
English 120	College Composition and Reading	3
	<b>Total</b>	<b>6</b>

Select ONE (1) of the following courses:

Subject & Number	Title	Units
Philosophy 125	Critical Thinking	3
Philosophy 130*	Logic	3
	<b>Total</b>	<b>3</b>

\*Recommended for students planning to major in philosophy at a university.

Select TWO (2) of the following courses:

Subject & Number	Title	Units
Philosophy 111	Philosophy and Popular Culture	3
Philosophy 112	The Classical Mind	3
Philosophy 114	The Medieval Mind	3
Philosophy 116	The Modern Mind	3
Philosophy 118	The Contemporary Mind	3
<b>Philosophy 120</b>	<b>Asian and Pacific Philosophies</b>	<b>3</b>
Philosophy 140	Problems in Ethics	3
Philosophy 141	Bioethics	3
Philosophy 145	Social and Political Philosophy	3
Philosophy 150	The Philosophy of Art	3
Philosophy 155	The Philosophy of Science	3
Philosophy 160	Latin American Philosophy	3
	<b>Total</b>	<b>6</b>

Select ONE (1) of the following courses:

Subject & Number	Title	Units
Religious Studies 120	World Religions	3
Religious Studies 130	Scriptures of World Religions	3
Religious Studies 140	Religion and Culture	3

**Highlight: Additions**

*Italics: Modifications*

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Religious Studies 150	<u>Scriptures of India and China</u>	<u>3</u>
	Total	3

Select ONE (1) of the following courses:

<b>Subject &amp; Number</b>	<b>Title</b>	<b>Units</b>
Humanities 110	Principles of the Humanities	3
Humanities 120	European Humanities	3
Humanities 130	East Asian Humanities	3
Humanities 160	Humanities of the Future	3
Humanities 170	<u>World Humanities</u>	<u>3</u>
	Total	3
	Total Required	21
	Plus General Education and Elective Requirements	

### ASSOCIATE IN ARTS IN POLITICAL SCIENCE FOR TRANSFER (AA-T)

The Associate in Arts in Political Science for Transfer (AA-T) degree is designed to facilitate transfer to a California State University in keeping with SB 1440. This degree reflects the Transfer Model Curriculum (TMC) supported by the Statewide Academic Senate. A total of 18-19 units are required to fulfill the major portion of this degree. Students must also complete the California State University (CSU) General Education Breadth requirements or the Intersegmental General Education Transfer Curriculum (IGETC) for CSU requirements (see the “General Education Requirements and Transfer Information” section of the catalog). Students planning to transfer to SDSU should consult with a counselor.

The following requirements must be met to be awarded an Associate in Arts in Political Science for Transfer (AA-T) degree:

- (1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
  - (A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirement.
  - (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- (2) Obtainment of a minimum grade point average of 2.0. Students are also required to earn a "C" grade or higher or "Pass" in \_\_ all courses required for the major.

Political Science is perhaps the oldest organized academic discipline in western civilization, and a major in this field prepares students for a variety of challenges. This transfer degree in political science can lead to a transfer to a university where one can continue work leading to a baccalaureate degree in political science, public administration or public policy. In addition, there are selected entry level positions in business and government open to the graduate with an Associate in Arts degree in Political Science. Some individuals follow the steps necessary to go beyond an undergraduate degree and enter graduate schools leading to career in law, government service, or industry. Outlined below is the program that fulfills the lower division requirements for most majors in political science in universities. For special requirements, the student should consult the baccalaureate granting institution he/ she is considering for matriculation.

**The Program-level Student Learning Outcomes (PSLOs)** below are outcomes that students will achieve after completing specific degree/certificate requirements in this program. Students will:

1. Think critically and effectively express their views in written and verbal communication.
2. Demonstrate the skills for contemporary world citizen.
3. Demonstrate a basic understanding of US and world politics as well as the broad discipline of political science.
4. Pursue advanced study in political science and relevant career-oriented programs.
5. Critically analyze the nature of power in political systems including the roles played by institutional and non-institutional actors.

### Associate Degree Major Requirements

**Note: All courses must be completed with a letter grade of “C” or higher or “Pass.”**

### Required Core

**Highlight: Additions**

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Subject & Number	Title	Units
Political Science 121	<u>Introduction to U.S. Government and Politics</u>	3
	Total	3

#### List A

Select THREE (3) of the following courses:

Political Science 120	Introduction to Politics and Political Analysis	3
Political Science 124	Introduction to Comparative Government and Politics	3
Political Science 130	Introduction to International Relations	3
Political Science 150	Introduction to Political Theory	3
Math 160	Elementary Statistics	4
or		
Anthropology 215	Statistics for the Behavioral Sciences	(4)
or		
Psychology 215	Statistics for the Behavioral Sciences	(4)
or		
Sociology 215	<u>Statistics for the Behavioral Sciences</u>	(4)
	Total	9-10

#### List B

Select TWO (2) of the following courses:

Any List A course not used above or

Economics 110	Economic Issues and Policies	3
Economics 120	Principles of Macroeconomics	3
Economics 121	Principles of Microeconomics	3
Political Science 140	Introduction to California Government and Politics	3
Political Science 145	Introduction to Latin American Government and Politics	3
Political Science 147	Introduction to Middle East Government and Politics	3
Political Science 148	American Foreign Policy	3
Political Science 155	<u>State and Society in the Asia-Pacific</u>	3
	Total	6
	Units for the major	18-19
	Units for CSU GE or IGETC-CSU GE	37-39
	Total units required for the degree	60
	Complete transferable units as needed to reach 60.	

## POLITICAL SCIENCE

Political Science is perhaps the oldest organized academic discipline in western civilization, and a major in this field prepares students for a variety of challenges. A major in political science can lead to a transfer to a university where one can continue work leading to a baccalaureate degree in political science, public administration or public policy. In addition, there are selected entry level positions in business and government open to the graduate with an Associate in Arts degree in Political Science. Some individuals follow the steps necessary to go beyond an undergraduate degree and enter graduate schools leading to careers in law, government service, or industry.

Outlined below is the program that fulfills the lower division requirements for most majors in political science in universities. For special requirements, the student should consult the baccalaureate granting institution he/she is considering for matriculation.

**The Program-level Student Learning Outcomes (PSLOs)** below are outcomes that students will achieve after completing specific degree/certificate requirements in this program. Students will:

1. Think critically and effectively express their views in written and verbal communication.
2. Demonstrate the skills for contemporary world citizenship.
3. Demonstrate a basic understanding of US and world politics as well as the broad discipline of political science.
4. Pursue advanced study in political science and relevant career-oriented programs.
5. Critically analyze the nature of power in political systems including the roles played by institutional and non-institutional actors.

#### Associate Degree Major Requirements

**Note: All courses must be completed with a letter grade of "C" or higher.**

Subject & Number	Title	Units
Political Science 120	Introduction to Politics and	

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Political Science 121	Political Analysis	3
	Introduction to U.S. Government and Politics	3
	Total	6

Select THREE (3) of the following courses after consultation with a member of the political science faculty and a counselor because of differences in transfer requirements at various four year institutions.

Subject & Number	Title	Units
Political Science 124	Introduction to Comparative Government and Politics	3
Political Science 130	Introduction to International Relations	3
Political Science 140	Introduction to California Governments and Politics	3
Political Science 145	Introduction to Latin American Government and Politics	3
Political Science 147	Introduction to Middle East Government and Politics	3
Political Science 148	American Foreign Policy	3
Political Science 150	Introduction to Political Theory	3
Political Science 155	State and Society in the Asia-Pacific	3
	Total	9

Select ONE (1) of the following courses:

Subject & Number	Title	Units
Economics 120	Principles of Macroeconomics	3
Geography 130	Human & Cultural Geography	3
	Total	3
	Total Required	18
	Plus General Education and Elective Requirements	

#### Recommended electives:

Students planning to complete a baccalaureate degree in political science are **STRONGLY** advised to consult with a faculty advisor in political science at Grossmont College and take the following courses:

Subject & Number	Title	Units
Anthropology 120	Cultural Anthropology	3
Economics 215	Statistics for Business and Economics	3
or		
Mathematics 160	Elementary Statistics	(4)
History 108	Early American History	3
History 109	Modern American History	3
Political Science 135	Model United Nations	1
Sociology 120	Introductory Sociology	3

## ASSOCIATE IN ARTS IN PSYCHOLOGY FOR TRANSFER (AA-T)

The Associate in Arts in Psychology for Transfer (AA-T) degree is designed to facilitate transfer to a California State University in keeping with SB 1440. A total of 20-22 units are required to fulfill the major portion of this degree. This degree reflects the Transfer Model Curriculum (TMC) supported by the Statewide Academic Senate. Students must also complete the California State University (CSU) General Education Breadth requirements or the Intersegmental General Education Transfer Curriculum (IGETC) for CSU requirements (see the “General Education Requirements and Transfer Information” section of the catalog). Students planning to transfer to SDSU should consult with a counselor.

The following requirements must be met to be awarded an Associate in Arts in Psychology for Transfer (AA-T) degree:

- (1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
  - (A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirement.
  - (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- (2) Obtainment of a minimum grade point average of 2.0. Students are also required to earn a "C" grade or higher or "Pass" in all courses required for the major.

Psychology is a diverse discipline, grounded in science, but with nearly boundless applications in everyday life. Some psychologists do basic research, developing theories and testing them through carefully honed research methods involving observation, experimentation and analysis. Other psychologists apply the discipline’s scientific knowledge to help people, organizations and communities function better (APA).

**The Program-level Student Learning Outcomes (PSLOs)** below are outcomes that students will achieve after completing specific degree/certificate requirements in this program. Students will:

1. Identify, explain, and compare and contrast the major theoretical perspectives in psychology.
2. Evaluate psychological information using the scientific method.
3. Apply appropriate statistical analyses to quantitative data.
4. Apply principles of psychology to the understanding of self and others.

**Note: All courses must be completed with a letter grade of “C” or higher or “Pass.”**

### Associate Degree Major Requirements

#### Required Core

Subject & Number	Title	Units
Psychology 120	Introductory Psychology	3
<i>Psychology 205</i>	<i>Research Methods for Psychology</i>	<i>4</i>
<b>Anthropology 215</b>	<b>Statistics for the Behavioral Sciences</b>	<b>4</b>
or		
Psychology 215	Statistics for the Behavioral Sciences	(4)
or		
<b>Sociology 215</b>	<b>Statistics for the Behavioral Sciences</b>	<b>(4)</b>
or		
Mathematics 160	<u>Elementary Statistics</u>	<u>(4)</u>
	Total	<b>11</b>

#### List A

Select ONE (3-4 units) of the following courses:

Biology 120	Principles of Biology	4
Psychology 140	<u>Physiological Psychology</u>	<u>3</u>
	Total	3-4

#### List B

Select ONE (3 units) of the following courses:

Any List A course not used above or		
<del>Psychology 138</del>	<del>Social Psychology</del>	<del>3</del>
Psychology 150	Developmental Psychology	3
<del>Psychology 170</del>	<del>Abnormal Psychology</del>	<del>3</del>

**Highlight: Additions**

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Psychology 201	Academic & Career Opportunities in Psychology	1
Psychology 211	Cognitive Psychology	3
Psychology 220	<u>Learning</u>	<u>3</u>
	<i>Total</i>	<b>3-4</b>

**List C**

Select ONE (3 units) of the following courses:

Any List A or B course not already used or:

Psychology 138	Social Psychology	3
Psychology 170	Abnormal Psychology	3
Psychology 220	<u>Learning</u>	<u>3</u>
	<i>Total</i>	<b>3</b>
	Required for the major	20-22
	Units for CSU GE or IGETC-CSU GE	37-39
	Total units required for the degree	60

Complete transferable units as needed to reach 60.

**RESPIRATORY THERAPY**

Respiratory Therapists, also known as Respiratory Care Practitioners are allied health professionals trained and educated to care for patients in need of cardio-pulmonary support. Respiratory therapist assess, use diagnostic tests to evaluate, treat, educate, and provide care to patients from birth until the end-of-life. A respiratory therapist has probably provided you with care if you have or have ever had asthma, chronic obstructive pulmonary disease, pneumonia, suffered trauma, delivered a baby prematurely or by cesarean section, suffered a respiratory or cardiac arrest, or needed life support.

Specific testing techniques are employed in respiratory therapy to assist in diagnoses, monitoring, treatment and research. This includes measurement of ventilatory volumes, pressures and flows and blood gas analyses.

For all information on admission criteria, see the Respiratory Therapy Program website at <http://www.grossmont.edu/rtprogram>.

Grossmont College prepares the student for an Associate Degree in Science in Respiratory Therapy. In addition to the respiratory therapy courses, the major requires selected general education courses to be successfully completed for the degree. Upon completion of all degree requirements, the graduate is eligible to apply for the licensing exam administered by the National Board for Respiratory Care (NBRC). All states, excluding Alaska require licensure to practice as an RT.

The Associate Degree in Respiratory Therapy Program is accredited through the Commission on Accreditation for Respiratory Care (CoARC) located at 264 Precision Blvd. Telford, TN 37690 <http://coarc.com/>

Graduates of the RT program are also eligible to transfer into a BSRT program upon completion of the program. Appropriate courses are fully accepted on transfer by the University of California, the California State University and by private four-year colleges and universities.

**IMPORTANT:** Any prior conviction of a misdemeanor or felony may influence eligibility for licensure as a Respiratory Therapist. A flagged background check or drug screen may also prohibit participation in the RT program and securing employment. Applicants with prior convictions are urged to contact the Respiratory Care Board of California (RCB) at 866-375-0386.

**Associate Degree Major Requirements**

**Note: All courses in the major must be completed with a letter grade of “C” or higher.**

<b>Subject &amp; Number</b>	<b>Title</b>	<b>Units</b>
Biology 140 and Biology 141 and Biology 141L or Biology 144 and	Human Anatomy	5
	Human Physiology	3
	Laboratory in Human Physiology	1
	Anatomy & Physiology I	(4)

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Biology 145	Anatomy & Physiology II	(4)
Biology 152	Paramedical Microbiology	5
Chemistry 115	Fundamentals of Chemistry	4
Respiratory Therapy 105	Cardiopulmonary Physiology and Disease Entities	4
Respiratory Therapy 108	Basic Respiratory Therapy Equipment, Procedures and Life Support Systems	5
Respiratory Therapy 112	Supervised Clinical Practicum I	1
Respiratory Therapy 114	Cardiopulmonary Pharmacology	2
Respiratory Therapy 116	Assessment in Respiratory Care	2.5
Respiratory Therapy 118	Critical Care Life Support Equipment and Procedures	4.5
Respiratory Therapy 122	Supervised Clinical Practicum II	3
Respiratory Therapy 150	Neonatal-Pediatric Respiratory Care	3
Respiratory Therapy 201	Cardiopulmonary Pathology and Pathophysiology	4
<i>Respiratory Therapy 205</i>	<i>Professionalism and Career Preparation for Respiratory Therapy</i>	3.5
Respiratory Therapy 208	Invasive and Noninvasive Cardiopulmonary Monitoring	4
Respiratory Therapy 222	Supervised Clinical Practicum III	4
Respiratory Therapy 232	Supervised Clinical Practicum IV	4
Respiratory Therapy 268	Respiratory Therapy Home Care Techniques	1.5
	Total Required	63 or 64
	Plus General Education and Elective Requirements	

## ASSOCIATE IN ARTS IN SOCIOLOGY FOR TRANSFER (AA-T)

The Associate in Arts in-Sociology for Transfer (AA-T) degree is designed to facilitate transfer to a California State University in keeping with SB 1440. A total of 19-20 units are required to fulfill the major portion of this degree. This degree reflects the Transfer Model Curriculum (TMC) supported by the Statewide Academic Senate. Students must also complete the California State University (CSU) General Education Breadth requirements or the Intersegmental General Education Transfer Curriculum (IGETC) for CSU requirements (see the "General Education Requirements and Transfer Information" section of the catalog). Students planning to transfer to SDSU should consult with a counselor.

The following requirements must be met to be awarded an Associate in Arts in Sociology for Transfer (AA-T) degree:

- (1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
  - (A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirement.
  - (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- (2) Obtainment of a minimum grade point average of 2.0. Students are also required to earn a "C" grade or higher or "Pass" in all courses required for the major.

Sociology is the study of human social life. It is a broad discipline, grounded in science, with many applications for daily life. A major in sociology offers a rigorous preparation to students planning undergraduate and graduate work in sociology, political science, and other social and behavioral sciences. In addition, sociological education is an excellent background for professional training in law, business, education, and social work. Majoring in sociology provides a solid liberal education, and it is an excellent choice for undergraduates who are planning careers in the private sector, government, and non-profit organizations.

**The Program-level Student Learning Outcomes (PSLOs)** below are outcomes that students will achieve after completing specific degree/certificate requirements in this program. Students will:

1. Identify, explain, and compare and contrast the major theoretical perspectives in sociology.
2. Identify and explain the principles of social scientific research methodology.
3. Explain sociologically inequalities of class, race, ethnicity, gender, and age in modern and pre-modern societies.  
Use SPSS for the analysis of quantitative data.

**Note: All courses must be completed with a letter grade of “C” or higher or “Pass.”**

**Associate Degree Major Requirements**

**Required Core**

<b>Subject &amp; Number</b>	<b>Title</b>	<b>Units</b>
Sociology 120	Introductory Sociology	3
Sociology 130	Contemporary Social Problems	3
Anthropology 215	Statistics for Behavioral Sciences	4
or		
Psychology 215	Statistics for Behavioral Sciences	(4)
or		
Sociology 215	Statistics for Behavioral Sciences	(4)
or		
Mathematics 160	Elementary Statistics	(4)
	<i>Total</i>	<b>10</b>

Select TWO (2) of the following:

**List A**

Select TWO (2) of the following courses:

Any List A course not used above or

Sociology 114	Introduction to Race & Ethnicity	3
or		
Ethnic Studies 114	Introduction to Race & Ethnicity	(3)
Sociology 125	Marriage, Family and Alternative Life Styles	3
Sociology 138	Social Psychology	3
or		
Psychology 138	Social Psychology	3
Sociology 140	Sex and Gender Across Cultures	3
Psychology 205	Research Methods for Psychology	4
	<i>Total</i>	<b>6-7</b>

**List B**

Select ONE (1) of the following courses:

Any course from List A or List B not used above or

Anthropology 120	Cultural Anthropology	3
Geography 130	Human and Cultural Geography	3
Psychology 134	Human Sexuality	3
Sociology 150	Latinx Communities in the United States	3
or		
Ethnic Studies 150	Latinx Communities in the United States	(3)
	<i>Total</i>	3
	<i>Units for the major</i>	<b>19-20</b>
	Units for CSU GE or IGETC	37-39
	Total units required for the degree	60
	Complete transferable units as needed to reach 60.	

## COURSES APPROVED FOR DISTANCE EDUCATION

<b>COURSE</b>	<b>TITLE</b>
Exercise Science 016A	Beginning Trail Running
Exercise Science 016B	Intermediate Trail Running
Exercise Science 016C	Advanced Trail Running
Exercise Science 022	Total Body Conditioning
Religion 165	Religion in America

**Highlight: Additions**

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