

A. NAME OF AGENDA ITEM

Consideration and approval of new or revised courses and programs.

B. STATEMENT OF ISSUE/PURPOSE

1. Background and Purpose:

Sections 55002, 55130, and 55150 of Title 5 requires the local district governing board approve degree-applicable credit courses, nondegree-applicable credit courses, noncredit courses, community services offerings, and credit and noncredit programs.

The following curriculum changes are proposed for the San Diego Community College District for City College, Mesa College, Miramar College, or Continuing Education:

Accounting

Adoption of a new course at City College. **(Attachment A)**

Administration of Justice

Adoption of thirteen course deactivations at Miramar College.
(Attachment B)

Aviation

Adoption of two new courses at Miramar College. **(Attachment C)**

Computer Business Technology

Adoption of a course deactivation at City College. **(Attachment D)**

Disability Support Program and Services

Adoption of three new courses at Continuing Education. **(Attachment E)**

Engineering

Adoption of a course deactivation at City College. **(Attachment F)**

Engineering Technology

Adoption of a course deactivation at City College. **(Attachment G)**

Fashion

Adoption of a new course at Mesa College. **(Attachment H)**

Fire Protection Technology

Adoption of two course reactivations at Miramar College. **(Attachment I)**

Fire Protection Technology

Adoption of a new course at Miramar College. **(Attachment J)**

Legal Assistant

Adoption of a new course at Miramar College. **(Attachment K)**

Mathematics

Adoption of a course deactivation at Mesa College. **(Attachment L)**

Mathematics

Adoption of two course deactivations at City College. **(Attachment M)**

Mecomtronics

Adoption of two course deactivations at City College. **(Attachment N)**

Spanish

Adoption of two new courses at Mesa College. **(Attachment O)**

Sustainability

Adoption of a new course at Mesa College. **(Attachment P)**

Tagalog

Adoption of a course deactivation at Mesa College. **(Attachment Q)**

Computer Business Technology

Adoption of two program deactivations at Mesa College. **(Attachment R)**

Computer Technical Illustration

Adoption of two program revisions at City College. **(Attachment S)**

Dramatic Arts

Adoption of a program revision at Mesa College. **(Attachment T)**

Engineering

Adoption of a program revision at City College. **(Attachment U)**

Graphics

Adoption of two program revisions at Miramar College. **(Attachment V)**

Manufacturing Engineering Technology

Adoption of two program revisions at City College. **(Attachment W)**

Mechanical Design Technology

Adoption of a program revision at City College. **(Attachment X)**

Multimedia

Adoption of two program revisions at Mesa College. **(Attachment Y)**

Music

Adoption of a program revision at Miramar College. **(Attachment Z)**

Social and Behavioral Sciences

Adoption of a program revision at Miramar College. **(Attachment AA)**

Sustainability

Adoption of a new program at Mesa College. **(Attachment BB)**

2. Cost and Funding:

There is no additional cost to the District.

C. PROPOSAL

The Board of Trustees hereby grants authority to take the action outlined in Part A

ACTION

Adoption of a new course at City College.

Proposed new course at City College:

119 Accounting Ethics

48 - 54 hours lecture, 3 units

Grade Only

Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.

This course provides an introduction to ethical reasoning, integrity, objectivity, independence, core values, and professional issues in accounting. Emphasis is placed on the importance of ethics in tax preparation, managerial accounting, and attest services. This course explores various models of accounting ethics through today's professional requirements of the American Institute of Certified Professional Accountant's (AICPA) Code of Professional Conduct, the State Board of Accountancy, Internal Revenue Service Circular No. 230, and other regulatory agencies. This course is intended for students majoring in Accounting, Certified Public Accountant (CPA) licensees, CPA exam applicants, Enrolled Agents, and other tax return preparers. Note: Students interested in earning Enrolled Agent, Enrolled Retirement Plan Agent, or Registered Tax Return Preparer continuing education credits with the Internal Revenue Service, must take Accounting 119 with San Diego City College. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of fourteen course deactivations at Miramar College.

Proposed course deactivations at Miramar College:

290 Independent Study
48 - 162 hours other, 1-3 units
Grade Only

Limitation on Enrollment: Must obtain an Add Code from the instructor for enrollment. Independent study provides students the opportunity to investigate of a special area within the field of Administration of Justice. (FT Not Required) Associate Degree Credit & transfer to CSU.

**310A Deputy Leadership Session 1:
Leadership, Power, and Authority**
24 - 27 hours lab, 0.5 units
Grade Only

Prerequisite: Administration of Justice 381, Administration of Justice 382, Administration of Justice 383, Administration of Justice 384, each with a grade of "C" or better, or equivalent.

This is the first in a series of eight courses designed to develop and enhance the leadership abilities of law enforcement officers. Throughout the series emphasis is placed on leadership values, traits, and skills applicable to students' professional and personal lives. Session 1 topics include leadership paradigms, values, loyalty, power, authority, and group attitudes. This course is intended for practicing law enforcement officers. (FT) Associate Degree Credit & transfer to CSU.

**310B Deputy Leadership Session 2: Learning,
Goal Setting, and Value Systems**
24 - 27 hours lab, 0.5 units
Grade Only

Prerequisite: Administration of Justice 310A with a grade of "C" or better, or equivalent. This is the second in a series of eight courses designed to develop and enhance the leadership abilities of law enforcement officers. Throughout the series emphasis is placed on leadership values, traits, and skills applicable to students' professional and personal lives. Session 2 topics include adult learning theory, personal goal setting, value systems, loyalty, and management versus leadership. This course is intended for practicing law enforcement officers. (FT) Associate Degree Credit & transfer to CSU.

**310C Deputy Leadership Session 3:
Development, Integrity, and Ethics**
24 - 27 hours lab, 0.5 units
Grade Only

Prerequisite: Administration of Justice 310B with a grade of "C" or better, or equivalent. This is the third in a series of eight courses designed to develop and enhance the leadership abilities of law enforcement officers. Throughout the series emphasis is placed on leadership values, traits, and skills applicable to students' professional and personal lives. Session 3 topics include development, integrity, ethics, the Pygmalion Effect, and empowerment. This course is intended for practicing law enforcement officers. (FT) Associate Degree Credit & transfer to CSU.

**310D Deputy Leadership Session 4:
Principles, Preferences, and Perspectives**
24 - 27 hours lab, 0.5 units
Grade Only

Prerequisite: Administration of Justice 310C with a grade of "C" or better, or equivalent. This is the fourth in a series of eight courses designed to develop and enhance the leadership abilities of law enforcement officers. Throughout the series emphasis is placed on leadership values, traits, and skills applicable to students' professional and personal lives. Session 4 topics include principles, ethical perspectives, and management change. This course is intended for practicing law enforcement officers. (FT) Associate Degree Credit & transfer to CSU.

**310E Deputy Leadership Session 5: Time
Management, Motives, and Discipline**
24 - 27 hours lab, 0.5 units
Grade Only

Prerequisite: Administration of Justice 310D with a grade of "C" or better, or equivalent. This is the fifth in a series of eight courses designed to develop and enhance the leadership abilities of law enforcement officers. Throughout the series emphasis is placed on leadership values, traits, and skills applicable to students' professional and personal lives. Session 5 topics include time management, motives, community leadership, discipline, organizational values, and personal moral conviction. This course is intended for practicing law enforcement officers. (FT) Associate Degree Credit & transfer to CSU.

**310F Deputy Leadership Session 6: Trends,
Change, and Group Dynamics**
24 - 27 hours lab, 0.5 units
Grade Only

Prerequisite: Administration of Justice 310E with a grade of "C" or better, or equivalent. This is the sixth in a series of eight courses designed to develop and enhance the leadership abilities of law enforcement officers. Throughout the series emphasis is placed on leadership values, traits, and skills applicable to students' professional and personal lives. Session 6 topics include community trends, the nominal group technique, dynamics of change, and group dynamics. This course is intended for practicing law enforcement officers. (FT) Associate Degree Credit & transfer to CSU.

**310G Deputy Leadership Session 7: Future
Files, Politics, and Risk Taking**
24 - 27 hours lab, 0.5 units
Grade Only

Prerequisite: Administration of Justice 310F with a grade of "C" or better, or equivalent. This is the seventh in a series of eight courses designed to develop and enhance the leadership abilities of law enforcement officers. Throughout the series emphasis is placed on leadership values, traits, and skills applicable to students' professional and personal lives. Session 7 topics include future files, economic and political issues, success, respect, and discipline. This course is intended for practicing law enforcement officers. (FT) Associate Degree Credit & transfer to CSU.

**310H Deputy Leadership Session 8: Teams,
Technology, and Program Effectiveness**
24 - 27 hours lab, 0.5 units
Grade Only

Prerequisite: Administration of Justice 310G with a grade of "C" or better, or equivalent. This is the last in a series of eight courses designed to develop and enhance the leadership abilities of law enforcement officers. Throughout the series emphasis is placed on leadership values, traits, and skills applicable to students' professional and personal lives. Session 8 topics include effective team building, technology, group projects, and program effectiveness. This course is intended for practicing law enforcement officers. (FT) Associate Degree Credit & transfer to CSU.

316 Baton Instructor Course

**48 - 54 hours lab, 1 units
Grade Only**

Prerequisite: Administration of Justice 381, Administration of Justice 382, Administration of Justice 383, and Administration of Justice 384, each with a grade of "C" or better, or equivalent POST Certification.

Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.

This Peace Officer Standards & Training (POST) certified course develops baton instruction skills. Students learn the teaching techniques of an all-encompassing impact weapon/control device program. This program enables students to give basic baton training with one set of techniques that is useful with a variety of impact weapons/control devices. Topics include techniques of instruction for the side handle, straight, and expandable baton; Orcutt Police Nunchaku (OPN); flashlight; and sap. This course meets Regional Baton Instructor application requirements. It is intended for practicing law enforcement officers. (FT) Associate Degree Credit only and not Transferable.

331A Advanced Officer Training/Field Operations

**72 - 88 hours lab, 1.5 units
Grade Only**

Prerequisite: Administration of Justice 381, Administration of Justice 382, Administration of Justice 383, Administration of Justice 384, each with a grade of "C" or better, or equivalent.

Limitation on Enrollment: This course is not open to students with previous credit for Administration of Justice 331.

This course is designed to provide updated training in the areas of field tactics, criminal law, and general patrol procedures for members of the Sheriff's Department. It is intended for practicing deputies and sergeants who are being assigned to patrol stations for the first time or being reassigned to patrol after an absence of more than one year. (FT) Associate Degree Credit only and not Transferable.

363 Narcotics Investigation

**72 - 88 hours lab, 1.5 units
Grade Only**

Prerequisite: Administration of Justice 381, Administration of Justice 382, Administration of Justice 383, and Administration of Justice 384, each with a grade of "C" or better, or equivalent Basic POST Certified Academy.

This course provides investigators with the knowledge, basic training, and skills to successfully investigate narcotics-related crimes. Students will be exposed to a variety of field exercises pertaining to the investigation and prosecution of narcotics-related crimes including undercover operations, case-making exercises, and court testimony. Topics include search warrants; search and seizure; drug identification; health and safety code laws; packaging, weights, and measures of controlled substances; undercover techniques; informant management; Colombian and Mexican drug trafficking organizations; entry and search considerations; asset forfeiture; clandestine laboratories; reverse sting investigations; medical aspects of addiction; surveillance techniques; rave and club drug investigations; and ethical issues in law enforcement. This course is intended for practicing peace officers assigned to investigative duties. (FT) Associate Degree Credit only and not Transferable.

**368 Critical Incidents/Tactical Commander's
Course**

**24 - 40 hours lab, 0.5 units
Grade Only**

Prerequisite: Administration of Justice 381,
Administration of Justice 382,
Administration of Justice 383, and
Administration of Justice 384, each with a grade
of "C" or better, or equivalent Basic POST
Certified Academy.

This Peace Officer Standards and Training
(POST)-certified course provides current law
enforcement officers with the knowledge and
skills to serve as commanders during critical
incidents. Topics include critical incident pre-
planning, problem solving strategies, incident
management, and communication. This course is
designed for students interested in a public safety
related field. (FT) Associate Degree Credit only
and not Transferable.

ACTION

Adoption of two new courses at Miramar College.

Proposed new courses at Miramar College:

161 Remote Pilot Ground School
48 - 54 hours lecture, 3 units
Grade Only

Advisory: English 47A or English 48, and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.

Advisory: Concurrent enrollment in: Aviation 161L with a grade of "C" or better, or equivalent.

Advisory: Completion of or concurrent enrollment in: Aviation 101 with a grade of "C" or better, or equivalent.

This course prepares students to meet the Federal Aviation Administration (FAA) requirements for certification to operate Small Unmanned Aircraft Systems (sUAS) under 55 pounds for commercial purposes. Emphasis is placed on the safety, legal, and ethical requirements of operation in the National Airspace System. Other topics include the core technologies of Unmanned Aircraft Systems (UAS) such as optics, sensors, powerplants, control systems, and communications. This course is intended for students majoring in Aviation Operations or anyone interested in unmanned aircraft flight. (FT) Associate Degree Credit & transfer to CSU.

161L Remote Pilot Flight Lab
48 - 54 hours lab, 1 units
Grade Only

Corequisite: Completion of or concurrent enrollment in Aviation 161 with a grade of "C" or better, or equivalent FAA-issued Remote Pilot Certificate.

Advisory: Aviation 101L with a grade of "C" or better, or equivalent and Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.

This lab course provides a hands-on introduction to basic Unmanned Aircraft Vehicles/Unmanned Aircraft Systems (UAV/UAS) flight activities. Students practice and optimize essential UAS pilot flight skills by planning and flying simulated for-hire commercial small UAS (sUAS) operations. Flight time in the approved UAV/UAS may be applied toward requirements for both attaining and maintaining Federal Aviation Administration (FAA) flight ratings. This course is intended for students majoring in Aviation Operations or anyone interested in unmanned aircraft flight. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of a course deactivation at City College.

Proposed course deactivation at City College:

201 Virtual Office Assistant

**24 - 27 hours lecture, 24 - 27 hours lab, 2 units
Grade Only**

Advisory: English 101 with a grade of "C" or better, or equivalent or Assessment Skill Levels R6 and W6 ; Computer Business Technology 101 and Computer Business Technology 120, each with a grade of "C" or better, or equivalent. This course is a hands-on study of creating, maintaining, and working in a virtual office environment. Emphasis is placed on business planning, office and website setup, and daily operational procedures. This course is designed for students majoring in computer business technology and all students interested in working independently in a virtual office environment. (FT) Associate Degree Credit & transfer to CSU.

Disability Support Program & Services

ACTION

Adoption of three new courses at Continuing Education.

Proposed new courses at Continuing Education:

609D SOCIAL SKILLS

This course is designed for students with disabilities who want to learn how to improve in-person and online social skills. This course will include activities to enhance social interaction skills including unstated rules of social situations, dealing with teasing and bullying, and managing rumors and gossip. This course will also cover skills related to relationships, verbal and non-verbal communication, conflict resolution, and planning and attending social events. (FT)

611D BEGINNING COMPUTERS

Advisories: This course is designed for students with disabilities. Verification of disability will be requested.

This course is designed to help students with disabilities learn basic computers skills. Topics will include computer terminology, computer operation, keyboarding and mouse skills, basic word processing, workstation ergonomics and introductory internet skills. Topics also include community resources, email and social media. (FT)

612D INTERMEDIATE COMPUTERS

Advisories: This course is designed for students with disabilities who have completed Beginning Computers- DSPS 611D or equivalent. Verification of disability will be requested.

This course is designed to help students with disabilities learn intermediate computers skills. Topics will include file management, keyboard shortcuts, word processing, spreadsheets, email, internet and using basic peripherals. (FT)

ACTION

Adoption of a course deactivation at City College.

Proposed course deactivation at City College:

198 Computer Applications in Engineering

**32 - 36 hours lecture, 48 - 54 hours lab, 3 units
Grade Only**

This course is a presentation of computer applications in Engineering through specific software and hardware currently utilized by practicing engineers. This course is intended for students majoring in Engineering or disciplines included in the physical sciences. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of a course deactivation at City College.

Proposed course deactivation at City College:

200 Applied Mechanics

48 - 54 hours lecture, 3 units

Grade Only

Prerequisite: Mecomtronics 120A or Physics 195A, each with a grade of "C" or better, or equivalent.

Advisory: Mathematics 182 or Mathematics 150, each with a grade of "C" or better, or equivalent. This course is a study of fundamental principles of bodies at rest and in motion. The course content emphasizes areas of friction, centroids, center of gravity, analysis of structures, moments of inertia and methods of virtual work. In addition, emphasis is also placed on kinematics and kinetics of particles and rigid bodies, moving reference frames, work-energy, linear and angular momentum relationships and their application to engineering problems. This course is intended for students enrolled in Engineering Technology. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of a new course at Mesa College.

Proposed new course at Mesa College:

123 Introduction to Costume Development
40 - 45 hours lecture, 24 - 27 hours lab, 3 units
Grade Only

Prerequisite: Fashion 120 and Fashion 130, each with a grade of "C" or better, or equivalent.

Advisory: Fashion 131, Fashion 141, and Fashion 145, each with a grade of "C" or better, or equivalent.

In this course students learn the process of costuming for theatre and stage. They study the various approaches to costuming and will research, design, draft/drape and construct a costume from a period of history, suitable for the stage. Analysis, sketching, pattern drafting/draping and construction skills will be utilized. This course is designed for Fashion students interested in costume development. (FT) Associate Degree Credit & transfer to CSU.

Fire Protection Technology

ACTION

Adoption of two course reactivations at Miramar College.

Proposed course reactivations at Miramar College:

**150C Introduction to Fire Suppression and
Maintenance Manipulative Tasks (Advanced)**
72 - 81 hours lab, 1.5 units
Grade Only

Prerequisite: Fire Protection Technology 150B with a grade of "C" or better, or equivalent
Limitation on Enrollment: This course is not open to students with previous credit for Fire Technology 100C or Fire Technology 100C. This course provides advanced instruction in the operation and maintenance of fire service equipment. Topics include extinguishers and protective equipment, hose, nozzles, fittings, hose evolutions, fire service ladders, and salvage and overhaul procedures. This course is designed at an advanced level to facilitate students' qualification for the manipulative training portion of Firefighter I as specified by the California Fire Service Training and Education Division of the State Fire Marshal's Office. This course is intended for students majoring in the field of fire technology or those interested in a career in the fire service. (FT) Associate Degree Credit & transfer to CSU.

362B In-service Lifeguard Training Modules
192 - 240 hours lab, 4 units
Pass/No Pass

Prerequisite: Fire Protection Technology 160 with a grade of "C" or better, or equivalent. This in-service lifeguard training course updates, improves, and assesses the knowledge, skills, and abilities of current lifeguard personnel, including Emergency Medical Technician (EMT)-1B recertification. Topics include water rescue and drowning prevention, beach management and law enforcement, leadership, vessel rescue, maritime enforcement, marine firefighting, swift water rescue, Self-Contained Underwater Breathing Apparatus (SCUBA) rescue, technical rope rescue, Hazardous Materials (HAZMAT) handling, weapons of mass destruction, and multiple victim/mass casualty incident command. (FT) Not applicable to the Associate Degree.

ACTION

Adoption of a new course at Miramar College.

Proposed new course at Miramar College:

322C Firefighter Survival

**24 - 27 hours lab, 0.5 units
Grade Only**

This course provides information, skills, and techniques designed to assist in avoiding fatal errors on the fireground. Students learn to avoid situations that could cause them to become lost, trapped, or injured at a fire scene. Topics include firefighter survival terminology, survival attitude, situational awareness, and problem-solving techniques intended to provide self-reliance in an emergency. Course instruction includes the use of case studies to analyze common factors in line-of-duty deaths (LODDs). (FT Not Required) Associate Degree Credit only and not Transferable.

ACTION

Adoption of a new course at Miramar College.

Proposed new course at Miramar College:

230 Consumer Law

**16 - 18 hours lecture, 1 units
Grade Only**

Advisory: Legal Assistant 120 and Legal Assistant 180, each with a grade of "C" or better, or equivalent. This legal specialty course examines issues particular to consumer transactions in formation, substance, and remedies. Topics include common law consumer issues; Federal Trade Commission (FTC) and state statutory approaches to consumer protection; constitutional limits on advertising regulation; use of consumer protection statutes in discrimination and civil rights cases; the reach and effectiveness of data breach regulation; Internet-based fraud; the Fair Credit Reporting Act; privacy and identity theft; and spam and spyware. Students examine the evolution of consumer law, its relationship to economic and social policies, and its practical application. This course is intended for students majoring in Paralegal or others interested in consumer law. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of a course deactivation at Mesa College.

Proposed course deactivation at Mesa College:

84 Practical Geometry

48 - 54 hours lecture, 3 units

Grade Only

Prerequisite: Mathematics 46 with a grade of "C" or better, or equivalent or Assessment Skill Level M40.

Advisory: English 43 with a grade of "C" or better, or equivalent or Assessment Skill Level W4.

This course explores two and three-dimensional geometry through the use of transformations and constructions and proof. Students are also introduced to right triangle trigonometry. This course is designed for students who are earning an associate's degree and who are not planning to transfer to a four-year institution. (FT) Associate Degree Credit only and not Transferable.

Mathematics

ACTION

Adoption of two course deactivations at City College.

Proposed course deactivations at City College:

181 Mecomtronics College Algebra and Trigonometry I
48 - 54 hours lecture, 3 units
Grade Only

Prerequisite: Mathematics 96 with a grade of "C" or better, or equivalent or Assessment Skill Level M50. This course is the first semester of a four-semester sequence in applied College Algebra and Trigonometry, and Applied Technical Calculus. Students are expected to apply the mathematical problem solving techniques developed in this course in the real world situations presented and discussed in the program's technology and science courses. Topics include the algebra of functions, graphing algebraic functions, exponential and logarithmic functions, linear systems of equations, matrices and matrix operations, trigonometric functions and their graphs, trigonometric identities, complex numbers, vector algebra, descriptive statistics, an introduction to series and summation notation, an introduction to Boolean algebra and symbolic logic, and the use of the graphing calculator to solve application problems. (FT) Associate Degree Credit & transfer to CSU. CSU General Education.

182 Mecomtronics College Algebra and Trigonometry II
48 - 54 hours lecture, 3 units
Grade Only

Prerequisite: Mathematics 181 with a grade of "C" or better, or equivalent. This course is the second semester of a four-semester sequence in applied College Algebra and Trigonometry, and applied Technical Calculus. Students are expected to implement the mathematical problem solving techniques developed in this course in the real world situations presented and discussed in the Mecomtronics technology and science courses. Topics covered are a continuation of the topics introduced in Mecomtronics Math 181. Topics include applications of exponential and logarithmic functions, graphs of trigonometric functions, inverse trigonometric functions, Riemann sums, polynomial approximations of special transcendental functions, vector algebra, spherical and cylindrical coordinates, conic sections, the binomial theorem, an introduction to Boolean algebra and symbolic logic, and the use of the graphing calculator to solve application problems. (FT) Associate Degree Credit & transfer to CSU. CSU General Education.

Mecomtronics

ACTION

Adoption of two course deactivations at City College.

Proposed course deactivations at City College:

90 Mecomtronics Technical Science
32 - 36 hours lecture, 48 - 54 hours lab, 3 units
Grade Only

Prerequisite: Mathematics 96 with a grade of "C" or better, or equivalent or Assessment Skill Level M50.

This science course presents basic vocabulary, concepts and scientific techniques that are used to analyze and understand technical applications. The topics of study include the measurement of velocity and acceleration, the laboratory study of conductivity, Ohm's law, resistors in series and in parallel, the investigation of gas laws, capacitance bridge, Kirchoff's laws, AC voltage measurements, and the study of mass density and viscosity. Analytical reading and problem solving are required for success in this course. The lectures address theory, concepts and problems required for a solid comprehension of basic physical science and to rapidly bring the student's knowledge to a level where modern ideas can be understood. Associate degree only. (FT) Associate Degree Credit only and not Transferable.

120A Basic Physics for Technical Applications
I
48 - 54 hours lecture, 48 - 54 hours lab, 4 units
Grade Only

Prerequisite: Mecomtronics 90 and Mathematics 181, each with a grade of "C" or better, or equivalent.

Corequisite: Mathematics 182.

This course is an introduction of physics presenting tools that are used in technical applications. Topics of study include measurement standards, scalar and vector quantities, kinetics in one, two and three dimensions, Newton's laws of motion, the gravitational force, the harmonic oscillator, work and energy, and momentum. The course centers on "hands-on" approaches to analysis of physical phenomena, without neglecting conceptual and calculation rigor. This course is an introduction of physics presenting tools that are used in technical applications. Topics of study include measurement standards, scalar and vector quantities, kinetics in one, two and three dimensions, Newton's laws of motion, the gravitational force, the harmonic oscillator, work and energy, and momentum. The course centers on "hands-on" approaches to analysis of physical phenomena, without neglecting conceptual and calculation rigor. This course is intended for students in the Engineering Technology/MECOMTRONICS program. (FT) Associate Degree Credit & transfer to CSU. CSU General Education.

ACTION

Adoption of two new courses at Mesa College.

Proposed new courses at Mesa College:

221 Hispanic Literature for Spanish Speakers
80 - 90 hours lecture, 5 units
Letter Grade or Pass/No Pass Option

Prerequisite: Spanish 215 with a grade of "C" or better, or equivalent.

This course provides second year of study for Spanish speakers. It introduces Latin American and Peninsular literature. Students analyze literature and recognize the relationship of featured texts to cultural manifestations and the relevance to their own lives. They hone their written, oral, and aural skills learned in first year of Spanish for Spanish Speaker courses. The course emphasizes reading, writing, and analysis of fiction, drama, and poetry, and the use of current technologies to research class topics. Spanish 221 is conducted entirely in Spanish. (FT) Associate Degree Credit & transfer to CSU.

222 Hispanic Culture and Civilization for Spanish Speakers
80 - 90 hours lecture, 5 units
Letter Grade or Pass/No Pass Option

Prerequisite: Spanish 216 with a grade of "C" or better, or equivalent.

This course provides a second year of study for Spanish Speakers. It introduces Latin American and Spanish culture and civilization building on skills acquired in first-year Spanish-speaker language courses. Students analyze and find relevance in historical and cultural phenomena from the perspective of Spanish speakers and draw comparisons between the featured texts and media to their own lives. They hone previously-learned critical thinking, written, oral, and aural skills such as orthography, accentuation, and proper grammatical and sentence structures. Students also read, write, and analyze issues related to demography, sociology, and popular culture using technology and various media to research class topics. This course is taught entirely in Spanish. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of a new course at Mesa College.

Proposed new course at Mesa College:

270 Sustainability Work Experience
60 - 300 hours other, 1-4 units
Grade Only

Corequisite: Completion of or concurrent enrollment in Sustainability 101 with a grade of "C" or better, or equivalent.

Limitation on Enrollment: Must obtain an Add Code from the instructor for enrollment.

This course provides on-the-job learning experiences for students employed in a job or internship. Students develop workplace competencies, critical thinking skills, and problem solving abilities through the creation and achievement of workplace sustainability learning objectives. One unit of credit may be earned for each 75 hours of paid employment or 60 hours of volunteer work. The combined maximum credit for all Work Experience courses from all subject areas may not exceed 16 units.

This course is intended for students majoring in Sustainability or those interested in the sustainability field. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of a course deactivation at Mesa College.

Proposed course deactivation at Mesa College:

296 Individualized Instruction in Tagalog
24 - 108 hours other, 0.5-2 units
Pass/No Pass

Limitation on Enrollment: Concurrent enrollment in an approved course of the same discipline is required. The instructor of the related course will supply Add Code to the student, which permits registration in the course. This course provides supplemental instruction to reinforce achievement of the learning objectives of a course in the same discipline under the supervision of the instructor of the designated course. Learning activities may employ a variety of self-paced multimedia learning systems, language labs, print and electronic resources, laboratory, or field research arrangements, to assist student in reaching specific learning objectives. This open entry/open exit course is offered concurrently with designated courses. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of two program deactivations at Mesa College.

Proposed program deactivations at Mesa College:

**Certificate of Achievement
General Office Clerk**

Courses Required for the Major:	Units
CBTE 095 Keyboarding Skill Development or	
CBTE 101 Basic Computer Keyboarding	1
CBTE 120 Beginning Microsoft Word.....	2
CBTE 161 Learning the Internet	1
CBTE 164 Introduction to Microsoft Outlook....	1
CBTE 180 Microsoft Office	3
CBTE 205 Records Management	3
CBTE 211 Office Administration.....	3

Total Units = 14

**Certificate of Achievement
Records Information Management**

Courses Required for the Major:	Units
CBTE 205 Records Management	3
CBTE 206 Electronic Records Management.....	3
CBTE 207 Advanced RIM Applications.....	3
CBTE 180 Microsoft Office	3

Total Units = 12

Computer Technical Illustration

ACTION

Adoption of two program revisions at City College.

Proposed program revisions at City College:

**Certificate of Performance
Computer Technical Illustration**

Courses Required for the Major:	Units
TECI 101 Basic Technical Illustration	3
TECI 102 Advanced Technical Illustration	3
ENGE 151 Engineering Drawing	2
ENGE 152 Engineering Design	3
ARTG 100 Basic Graphic Design or	
ARTF 155A Freehand Drawing I	3

Total Units = 6 8

**Associate of Science Degree
Technical Illustration Engineering**

Courses Required for the Major:	Units
TECI 101 Basic Technical Illustration	3
and	
TECI 102 Advanced Technical Illustration	3
or	
ENGE 151 Engineering Drawing	2
and	
ENGE 152 Engineering Design	3
ARTG 125 Digital Media	3
ARTG 120 Illustration	3
ENGL 101 Reading and Composition	3
ENGE 111 Introduction to Computer-Aided Design	3
ENGE 198 Computer Applications in Engineering	3
MATH 096 Intermediate Algebra and Geometry	5
MFET 105 Print Reading and Symbology	3

Total Units = 34 17-18

ACTION

Adoption of a program revision at Mesa College.

Proposed program revision at Mesa College:

**Associate of Arts Degree
Dramatic Arts**

The courses required for the major are intended to introduce the student to all aspects of theatre. Emphasis is placed on production, as participation results in active learning, allowing the student valuable hands-on experience. Through the course of the two year program, students will study acting scenery, costuming, lighting, and audio as well as being introduced to production and state management techniques and responsibilities.

Courses Required for the Major:	Units
DRAM 105 Introduction to Dramatic Arts	3
DRAM 100A Fundamentals of Performance and Production I.....	4
DRAM 100B Fundamentals of Performance and Production II	4
DRAM 104A Theatre Company Performance I.....	1 - 2
DRAM 104B Theatre Company Performance II	1 - 2
DRAM 112 Introduction to Script Analysis	3
DRAM 124 Makeup for the Stage.....	3
DRAM 200A Fundamentals of Performance and Production III.....	4
DRAM 200B Fundamentals of Performance and Production IV	4
DRAM 204A Theatre Company Performance III	1 - 2
DRAM 204B Theatre Company Performance IV	1 - 2

While the required courses for the major in Dramatic Arts are intended to give the student a broad understanding of the various areas of study in the Dramatic Arts, required elective classes give the student the option to pursue one of those areas in more detail. For the student interested in acting, additional acting classes, movement classes or voice classes are recommended. The technician/design student would pursue classes in art history, fashion history or practical lab courses. The student interested in production management should enroll in accounting and business classes that would further their base of knowledge in that area.

Choose six units from the following: units

<u>DRAM 070 Digital Video Production for the Dramatic Arts.....</u>	<u>3</u>
<u>DRAM 071 Digital Video Production for the Dramatic Arts II</u>	<u>3</u>
<u>DRAM 106 Acting for Radio/Voice-Over</u>	<u>3</u>
<u>DRAM 109 Theatre and Social Issues.....</u>	<u>3</u>
<u>DRAM 123 Beginning Stagecraft</u>	<u>3</u>
<u>DRAM 127 Sound For Theatre</u>	<u>2</u>
<u>DRAM 128 Stage Lighting Design</u>	<u>3</u>
<u>DRAM 129A Beginning Scene Painting</u>	<u>3</u>
<u>DRAM 132 Beginning Acting.....</u>	<u>3</u>
<u>DRAM 133 Intermediate Acting</u>	<u>3</u>
<u>DRAM 134 Beginning Voice for Actors.....</u>	<u>3</u>
<u>DRAM 136 History of Canonized Theatre- Ancient Greece to the Restoration</u>	<u>3</u>
<u>DRAM 137 History of Canonized Western Theatre-Restoration to the Present</u>	<u>3</u>
<u>DRAM 143 Beginning Costuming</u>	<u>3</u>
<u>DRAM 165 Introduction to Stage Movement</u>	<u>3</u>
<u>ENGL 240 Shakespeare.....</u>	<u>3</u>
<u>COMS 101 Voice and Articulation</u>	<u>3</u>
<u>ARTF 100 Art Orientation.....</u>	<u>3</u>
<u>ARTF 151 Three Dimensional Design.....</u>	<u>3</u>
<u>ARTF 152 Color Theory</u>	<u>3</u>
<u>ARTF 155A Freehand Drawing I</u>	<u>3</u>
<u>FASH 120 Fashion History and Trends.....</u>	<u>3</u>
<u>MUSI 190 The Electronic Music Studio</u>	<u>3</u>
<u>MUSI 201 Recording Arts.....</u>	<u>3</u>
<u>MUSI 202 Computer Music</u>	<u>3</u>

Dramatic Arts

ACCT 116A Financial Accounting	4
BUSE 150 Human Relations in Business	3
BUSE 201 Business Organization and Management.....	3
DRAM 235 Literature to Life-A Scene Study Course	2
DRAM 268 Experimental Theatre.....	1 - 3
DRAM 290 Independent Study	1 - 3

Total Units = 35 – 39

ACTION

Adoption of a program revision at City College.

Proposed program revision at City College:

**Associate of Science Degree
Engineering**

Courses Required for the Major:	Units
CHEM 200 General Chemistry I - Lecture.....	3
CHEM 200L General Chemistry I - Laboratory.	2
MATH 150 Calculus with Analytic Geometry I	5
MATH 151 Calculus with Analytic Geometry II.....	4
MATH 252 Calculus with Analytic Geometry III.....	4
MATH 255 Differential Equations	3
PHYS 195 Mechanics.....	5
PHYS 196 Electricity and Magnetism.....	5
PHYS 197 Waves, Optics and Modern Physics	5

Total Units = ~~36~~ 33

ACTION

Adoption of two program revisions at Miramar College.

Proposed program revisions at Miramar College:

**Certificate of Achievement
Graphics**

Courses Required for the Major:	Units
ARTF 150A Two-Dimensional Design.....	3
GRFX 050 Beginning Graphics, Communicating With Computers or	
ARTF 150B Beginning Graphic Design.....	3
ARTF 155A Freehand Drawing I.....	3
GRFX 158 Survey of Graphics Technology or	
ARTG 118 Graphic Design History.....	3
GRFX 160 Vector Art 01: Illustration.....	3
GRFX 170 Raster Art 01: Image Editing.....	3
GRFX 180 Composition 01: Page Building Tools or	
ARTG 126 Intermediate Digital Media.....	3
GRFX 181 Projects 01: Multi-modal Productions.....	3
ARTG 106 Typography.....	3

**Complete 6 Units from the Following List
of Elective Courses:**

	Units
GRFX 190 Ethical Business Practices for Creative Services.....	3
GRFX 192 Graphic Business Promotion: Creative Services Career Management.....	3
ARTF 155B Freehand Drawing II.....	3
ARTF 198A Introduction to Printmaking I.....	3
ARTF 280D Digital Art Studio Lab.....	1
ARTG 133 Intermediate Graphic Design II (Identity Systems and Packaging).....	3
ARTG 270 Work Experience in Graphic Design.....	1 - 4
ARTG 290 Independent Study in Graphic Design.....	1 - 3
BUSE 100 Introduction to Business.....	3
BUSE 119 Business Communications.....	3

Total Units = 33

**Associate of Arts Degree
Graphics**

Courses Required for the Major:	Units
ARTF 150A Two-Dimensional Design.....	3
GRFX 050 Beginning Graphics, Communicating With Computers or	
ARTF 150B Beginning Graphic Design.....	3
ARTF 155A Freehand Drawing I.....	3
GRFX 158 Survey of Graphics Technology or	
ARTG 118 Graphic Design History.....	3
GRFX 160 Vector Art 01: Illustration.....	3
GRFX 170 Raster Art 01: Image Editing.....	3
GRFX 180 Composition 01: Page Building Tools or	
ARTG 126 Intermediate Digital Media.....	3
GRFX 181 Projects 01: Multi-modal Productions.....	3
ARTG 106 Typography.....	3

**Complete 6 Units from the Following List
of Elective Courses:**

	Units
GRFX 190 Ethical Business Practices for Creative Services.....	3
GRFX 192 Graphic Business Promotion: Creative Services Career Management.....	3
ARTF 155B Freehand Drawing II.....	3
ARTF 198A Introduction to Printmaking I.....	3
ARTF 280D Digital Art Studio Lab.....	1
ARTG 133 Intermediate Graphic Design II (Identity Systems and Packaging).....	3
ARTG 270 Work Experience in Graphic Design.....	1 - 4
ARTG 290 Independent Study in Graphic Design.....	1 - 3
BUSE 100 Introduction to Business.....	3
BUSE 119 Business Communications.....	3

Total Units = 33

ACTION

Adoption of two program revisions at City College.

Proposed program revisions at City College:

**Associate of Science Degree
Manufacturing Engineering
Technology-
Option: Electronics**

The courses for this degree include the courses which make up the Certificate of Performance in Advanced Manufacturing and the Certificate of Performance in Manufacturing Fundamentals as well as additional courses. MFET 110 Industrial Safety can be taken any semester available. Electronics course(s) may be taken when offered.

Courses Required for the Major:	Units
MFET 110 Industrial Safety	2
MFET 210 Statistical Process Control.....	3
MFET 230 Lean Manufacturing	3
MFET 150 Manufacturing Automation.....	3
or	
MFET 150A Manufacturing Automation I and	
MFET 150B Manufacturing Automation II	1.5
MFET 101 Introduction to Manufacturing Engineering Technology	3
or	
MFET 101A Introduction to Manufacturing I	
and	
MFET 101B Introduction to Manufacturing II	
and	
MFET 101C Introduction to Manufacturing III	1
MFET 105 Print Reading and Symbology	3
or	
MFET 105A Print Reading I and	
MFET 105B Print Reading II	1.5
or	
ENGN 130 Introduction to Engineering Design	3
and	
MFET 105B Print Reading II	1.5
MFET 115 Properties of Materials	3
MFET 120 Manufacturing Processes	4
ENGN 128 Electronics for Technology and	
MFET 220 Programmable Logic Controllers	3
or	
MFET 225 Introduction to Photovoltaic Manufacturing and Applications	4
and	
MATH 096 Intermediate Algebra and Geometry.....	5

or	
MATH 098 Technical Intermediate Algebra and Geometry and	
ENGN 110 Science for Technical Applications	4
TEHW 101 Introduction to Technical Writing ...	3
ELDT 123 Introduction to Digital Circuits.....	3
and	
ELDT 123L Digital Circuits Laboratory	1
PHYS 100 Introductory Physics	4
or	
CHEM 100 Fundamentals of Chemistry	3
and	
CHEM 100L Fundamentals of Chemistry Laboratory	1

The courses for this certificate include the courses which make up the Certificate of Performance in Advanced Manufacturing and the Certificate of Performance in Manufacturing Fundamentals as well as additional courses.

And select one course from:	Units
ENGE 111 Introduction to Computer Aided Design	3
or	
ENGE 151 Engineering Drawing	2
or	
TECI 101 Basic Technical Illustration	3

And select one course from:	Units
MFET 250 Manufacturing Capstone Course or	
ENGN 275 Engineering Technology Industrial Internship	4

Total Units = 39–44.5 32

**Associate of Science Degree
Manufacturing Engineering
Technology-Option:
Fabrication**

The courses for this degree/certificate include the courses which make up the Certificate of Performance in Advanced Manufacturing and the Certificate of Performance in Manufacturing Fundamentals as well as additional courses.

Courses Required for the Major:	Units
MFET 110 Industrial Safety	2
MFET 210 Statistical Process Control.....	3
MFET 230 Lean Manufacturing	3
MFET 150 Manufacturing Automation.....	3
or	
MFET 150A Manufacturing Automation I and	
MFET 150B Manufacturing Automation II.....	1.5
MFET 101 Introduction to Manufacturing Engineering Technology	3
or	
MFET 101A Introduction to Manufacturing I	
and	
MFET 101B Introduction to Manufacturing II	
and	
MFET 101C Introduction to Manufacturing III	1
MFET 105 Print Reading and Symbology	3
or	
MFET 105A Print Reading I and	
MFET 105B Print Reading II	1.5
or	
ENGN 130 Introduction to Engineering Design	3
and	
MFET 105B Print Reading II	1.5
MFET 115 Properties of Materials	3
MFET 120 Manufacturing Processes	4
MACT 150 Intro/Computer Num Control (CNC) and Elec Dis Mach	4
MACT 160M Introduction to CAD/CAM.....	4
MATH 096 Intermediate Algebra and Geometry.....	5
or	
MATH 098 Technical Intermediate Algebra and Geometry.....	4
ENGN 110 Science for Technical Applications	4
TEHW 101 Introduction to Technical Writing...	3

PHYS 100 Introductory Physics	4
or	
CHEM 100 Fundamentals of Chemistry	3
and	
CHEM 100L Fundamentals of Chemistry Laboratory	1

MFET 110 Industrial Safety can be taken any semester available. Electronics course(s) may be taken when offered.

The courses for this certificate include the courses which make up the Certificate of Performance in Advanced Manufacturing and the Certificate of Performance in Manufacturing Fundamentals as well as additional courses.

And select one course from:	Units
ENGE 111 Introduction to Computer Aided Design	3
or	
ENGE 151 Engineering Drawing	2
or	
TECI 101 Basic Technical Illustration	3

And select one course from:	Units
MFET 250 Manufacturing Capstone Course or	
ENGN 275 Engineering Technology Industrial Internship	4

Total Units = 49–52.5 36

ACTION

Adoption of a program revision at City College.

Proposed program revision at City College:

**Certificate of Performance
Mechanical Design**

Courses Required for the Major:	Units
ENGN 110 Science for Technical Applications	4
MACT 150 Intro/Computer Num Control (CNC) and Elec Dis Mach	4
<u>MFET 105 Print Reading and Symbology or</u>	
ENGE 108 Dimensioning and Tolerancing	3
ENGE 151 Engineering Drawing	2

Total Units = 13 9

ACTION

Adoption of two program revisions at Mesa College.

Proposed program revisions at Mesa College:

**Certificate of Achievement
3D Animation and Modeling**

Courses Required for the Major:	Units
MULT 101 Introduction to Multimedia.....	4
MULT 121 Digital Image Editing I: Introduction to Photoshop.....	3
<u>MULT 124 Digital Image Editing II: Advanced Photoshop.....</u>	<u>3</u>
MULT 137 3D Animation I: Introduction to 3D Modeling and Animation	3
MULT 139 3D Animation II: Character Design for Film and Video Game Production	3
MULT 141 3D Animation III: Realism, Physics, and Particle Systems	3
MULT 143 3D Animation IV: 3D Short Film Production	3
<u>ARTF 155A Freehand Drawing I.....</u>	<u>3</u>
<u>ARTF 155B Freehand Drawing II.....</u>	<u>3</u>
MULT 112 Beginning Unity 3D and 2D Game Development.....	4
MULT 123 Digital Video I: Introduction to Digital Video.....	3
MULT 127 Creating User-Centered Content	3

Select Three Units From:	Units
ARTF 150A Two-Dimensional Design or	
ARTF 150B Beginning Graphic Design or	
ARTF 152 Color Theory or	
ARTF 155A Freehand Drawing I or	
ARTF 210A Life Drawing I or	
<u>MULT 123 Digital Video I: Introduction to Digital Video.....</u>	<u>3</u>

Total Units = ~~32~~ 31

**Associate of Science Degree
Multimedia**

Courses Required for the Major:	Units
MULT 101 Introduction to Multimedia	4
MULT 112 Beginning Unity 3D and 2D Game Development	4
MULT 121 Digital Image Editing I: Introduction to Photoshop	3
MULT 123 Digital Video I: Introduction to Digital Video.....	3
<u>MULT 130 Video Game Development I: Introduction to 3D Modeling and Animation</u>	<u>4</u>
<u>MULT 137 3D Animation I: Introduction to 3D Modeling and Animation</u>	<u>3</u>

Select Eighteen Through Twenty Units From: **Units**

Select Fourteen to Sixteen Units From: **Units**

MULT 114 Intermediate Unity 3D and 2D Game Development	4
MULT 116 Unity Game Development	4
MULT 120 Introduction to Video Game Design	3
MULT 122 Vector Image Editing I: Adobe Illustrator	3
<u>MULT 123 Digital Video I: Introduction to Digital Video.....</u>	<u>3</u>
<u>MULT 124 Digital Image Editing II: Advanced Photoshop</u>	<u>3</u>
<u>MULT 131 Video Game Development II: Game Character and Level Design</u>	<u>4</u>
<u>MULT 132 Video Game Development III: Advanced Game Art and Asset Design</u>	<u>4</u>
<u>MULT 133 Video Game Development IV: Game Prototyping and Production</u>	<u>4</u>
MULT 139 3D Animation II: Character Design for Film and Video Game Production	3
MULT 141 3D Animation III: Realism, Physics, and Particle Systems	3
MULT 143 3D Animation IV: 3D Short Film Production	3
ARTF 150A Two Dimensional Design	3
ARTF 151 Three Dimensional Design	3
ARTF 152 Color Theory	3
ARTF 210A Life Drawing I	3
CBTE 161 Learning the Internet	1

Multimedia

~~CBTE 126 Document Processing3~~
~~MULT 127 Creating User-Centered Content3~~
~~MULT 137 3D Animation I: Introduction to 3D
Modeling and Animation3~~

Total Units = 32 – 34

ACTION

Adoption of a program revision at Miramar College.

Proposed program revision at Miramar College:

**Associate of Arts Degree
Music Studies**

Courses Required for the Major:	Units
MUSI 100 Introduction to Music	3
MUSI 116A College Piano I	2
MUSI 150A Basic Musicianship	3
MUSI 158A Music Theory I	4
MUSI 268A Beginning Ear Training Laboratory I	1

Select One Course from the Following:	Units
ANTH 103 Introduction to Cultural Anthropology	3
ARTF 110 Art History: Prehistoric to Gothic	3
ARTF 113 Arts of Africa, Oceania, and the Americas	3
ARTF 125 Art History: Arts of the Asian Continent	3
ENGL 205 Critical Thinking and Intermediate Composition	3
HUMA 101 Introduction to the Humanities I	3
HUMA 102 Introduction to the Humanities II ...	3
HUMA 106 World Religions	3
PHIL 102A Introduction to Philosophy: Reality and Knowledge	3
PSYC 101 General Psychology	3

ARTF 110 Art History: Prehistoric to Gothic	3
ARTF 113 Arts of Africa, Oceania, and the Americas	3
ARTF 125 Art History: Arts of the Asian Continent	3
ENGL 205 Critical Thinking and Intermediate Composition	3
HUMA 101 Introduction to the Humanities I	3
HUMA 102 Introduction to the Humanities II ...	3
HUMA 106 World Religions	3
PHIL 102A Introduction to Philosophy: Reality and Knowledge 3	
PSYC 101 General Psychology	3

Total Units = 18 – 20

Select At Least 2 Units from the Following Courses (Not Already Selected Above):	Units
MUSI 103 History of Rock Music	3
MUSI 108 The Business of Music.....	3
MUSI 109 World Music	3
MUSI 111 Jazz - History and Development	3
MUSI 120 Beginning Voice Class	2
MUSI 132A Classical Guitar I	1
MUSI 132B Classical Guitar II	1
MUSI 158B Music Theory II	4
MUSI 190 The Electronic Music Studio	3
MUSI 201 Recording Arts.....	3
MUSI 202 Computer Music	3
MUSI 116B College Piano II	2
MUSI 216 College Piano III.....	2
MUSI 252 Concert Jazz Band	1 – 3
MUSI 268B Beginning Ear Training Laboratory II	1
ANTH 103 Introduction to Cultural Anthropology	3

ACTION

Adoption of a program revision at Miramar College.

Proposed program revision at Miramar College:

**Associate in Arts for Transfer
Degree
Psychology**

Courses Required for the Major:	Units
PSYC 101 General Psychology	3
PSYC 255 Introduction to Psychological Research	3
PSYC 258 Behavioral Science Statistics or MATH 119 Elementary Statistics	3

Select 3-4 Units from the Following Courses:	Units
PSYC 260 Introduction to Physiological Psychology	3
BIOL 107 General Biology-Lecture and Laboratory	4

Select At Least 3 Units from the Following Courses (Not Already Selected Above):	Units
ACCT 116A Financial Accounting	4
BIOL 107 General Biology-Lecture and Laboratory	4
BIOL 210A Introduction to the Biological Sciences I	4
CHEM 100 Fundamentals of Chemistry	3
and	
CHEM 100L Fundamentals of Chemistry Laboratory	1
CHEM 130 Introduction to Organic and Biological Chemistry	3
and	
CHEM 130L Introduction to Organic and Biological Chemistry Laboratory	1
ECON 120 Principles of Macroeconomics	3
ECON 121 Principles of Microeconomics	3
ENGL 101 Reading and Composition or ENGL 105 Composition and Literature	3
ENGL 205 Critical Thinking and Intermediate Composition	3
MATH 104 Trigonometry	3
MATH 116 College and Matrix Algebra	3
MATH 121 Basic Techniques of Applied Calculus I	3
MATH 141 Precalculus	5
MATH 150 Calculus with Analytic Geometry I	5
MATH 151 Calculus with Analytic Geometry II	4

PHIL 100 Logic and Critical Thinking	3
PHIL 205 Critical Thinking and Writing in Philosophy	3
PHYS 125 General Physics	5
PHYS 126 General Physics II.....	5
PSYC 166 Introduction to Social Psychology ...	3
PSYC 201 Academic and Career Opportunities in Psychology	1
PSYC 211 Learning	3
PSYC 230 Psychology of Lifespan Development	3
PSYC 260 Introduction to Physiological Psychology	3
SOCO 101 Principles of Sociology	3
SOCO 110 Contemporary Social Problems	3

Select At Least 3 Units from the Following Courses (Not Already Selected Above):	Units
ACCT 116A Financial Accounting	4
BIOL 107 General Biology-Lecture and Laboratory	4
BIOL 210A Introduction to the Biological Sciences I	4
CHEM 100 Fundamentals of Chemistry	3
and	
CHEM 100L Fundamentals of Chemistry Laboratory	1
CHEM 130 Introduction to Organic and Biological Chemistry	3
and	
CHEM 130L Introduction to Organic and Biological Chemistry Laboratory	1
ECON 120 Principles of Macroeconomics	3
ECON 121 Principles of Microeconomics	3
ENGL 101 Reading and Composition or ENGL 105 Composition and Literature	3
ENGL 205 Critical Thinking and Intermediate Composition	3
MATH 104 Trigonometry	3
MATH 116 College and Matrix Algebra	3
MATH 121 Basic Techniques of Applied Calculus I	3
MATH 141 Precalculus	5
MATH 150 Calculus with Analytic Geometry I	5

Social and Behavioral Sciences

MATH 151 Calculus with Analytic
Geometry II.....4
PHIL 100 Logic and Critical Thinking3
PHIL 205 Critical Thinking and Writing in
Philosophy3
PHYS 125 General Physics5
PHYS 126 General Physics II5
PSYC 133 Psychology of Women3
PSYC 135 Marriage and Family Relations.....3
PSYC 137 Human Sexual Behavior3
PSYC 166 Introduction to Social Psychology ...3
PSYC 201 Academic and Career Opportunities
in Psychology1
PSYC 211 Learning3
PSYC 230 Psychology of Lifespan
Development3
PSYC 245 Abnormal Psychology3
PSYC 260 Introduction to Physiological
Psychology.....3

Total Units = 18 – 23

ACTION

Adoption of a new program at Mesa College.

Proposed new program at Mesa College:

**Associate of Arts Degree
Sustainability**

Courses Required for the Major:	Units
SUST 101 Introduction to Sustainability.....	3
GEOG 101 Physical Geography	3
ECON 121 Principles of Microeconomics	3
BIOL 200 Biological Statistics	
or	
BUSE 115 Statistics for Business	
or	
MATH 119 Elementary Statistics	
or	
PHIL 101 Symbolic Logic	
or	
PSYC 258 Behavioral Science Statistics	3

Select 3 Units from the Following:	Units
PHIL 131 Environmental Ethics.....	3
ECON 220 Economics of the Environment	3

Select 3 - 5 Units from the Following:	Units
PHIL 131 ¹ Environmental Ethics	3
ECON 220 ¹ Economics of the Environment	3
SUST 270 Sustainability Work Experience.....	1 - 4
BUSE 190 Academic and Career Opportunities in Business	1
BIOL 180 Plants and People	3
ARCH 231 Sustainability in the Built Environment	4
GEOG 101L Physical Geography Laboratory ...	1

If not selected from "Select 3 units" (above).

Total Units = 18 - 20