

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:

Animal Health Technology

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

Animal Health Technology

Adoption of three course deactivations at Mesa College. **(Attachment B)**

Computer And Information Systems

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

Geographic Information Systems

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

Music

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

Supervision

Adoption of three course deactivations at City College. **(Attachment F)**

Animal Health Technology

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

Building Construction Technology

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

Business Studies

Adoption of a program deactivation at City College. **(Attachment I)**

Sustainable Urban Agriculture

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

COURSES AND PROGRAMS

11/07/13

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.

Animal Health Technology

ACTION

Adoption of two new courses at Mesa College.

Proposed new courses at Mesa College:

227 Veterinary Surgical and Nursing Procedures Lab

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

Prerequisite: Animal Health Technology 125 and Animal Health Technology 125L, each with a grade of "C" or better, or equivalent.

Corequisite: Completion of or concurrent enrollment in Animal Health Technology 135 and Animal Health Technology 225, each with a grade of "C" or better, or equivalent.

Limitation on Enrollment: Special Admission - must be admitted to program.

This surgical nursing and anesthesia laboratory course provides Animal Health Technology students with the opportunity to practice the principles and procedures of surgical nursing and anesthesia. Topics include surgical asepsis, instrument sterilization, patient monitoring, surgical and medical nursing, dental prophylaxis, emergency first aid, bandages, splints, casts, catheters, suturing patterns, collection and analysis of clinical pathology samples, blood transfusion therapy and cardio-pulmonary resuscitation. Students calculate anesthetic doses, fluid drip rates, and post-operative medication doses and practice safe operation and proper maintenance of anesthetic machines, anesthetic-surgical monitoring equipment, crash carts, and laboratory equipment commonly used in the veterinary field. (FT) Associate Degree Credit & transfer to CSU.

229 Advanced Surgical Nursing Procedures Lab

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

Prerequisite: Animal Health Technology 125, Animal Health Technology 125L, Animal Health Technology 135, Animal Health Technology 225 and

Animal Health Technology 227, each with a grade of "C" or better, or equivalent.

Limitation on Enrollment: Special Admission - must be admitted to program.

This lab course is designed to introduce the Animal Health Technology student to practical application of veterinary anesthesia, surgical and medical nursing techniques, dental hygiene, emergency first aid, and correct legal documentation. Techniques of intravenous and inhalation anesthesia, surgical asepsis, pre-operative, operative, post-operative, after care nursing and patient monitoring are performed by assisting the veterinarian. Instrument sterilization, fluid therapy, bandaging/splints/casts, and commonly performed medical treatments and procedures are practiced by each student. Appropriate pharmacological agents are discussed, and utilized including classification, dosage, method of action, method of administration, calculation, dispensing procedures and pharmacy management. Appropriate veterinary medical terminology is applied. (FT) Associate Degree Credit & transfer to CSU.

Animal Health Technology

ACTION

Adoption of three course deactivations at Mesa College.

Proposed course deactivations at Mesa College:

120 Comparative Physiological Anatomy
48 - 54 hours lecture, 48 - 54 hours lab, 4 units
Grade Only

Prerequisite: Biology 107, Chemistry 100 and Chemistry 100L, each with a grade of "C" or better, or equivalent.

Advisory: English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Level R5 and W5; Mathematics 46 with a grade of "C" or better, or equivalent or Assessment Skill Level M40.

Limitation on Enrollment: Special Admission - must be admitted to program.

This lecture and laboratory course is designed to introduce the first semester Animal Health Technology student to the comparative normal anatomy and physiology of selected domestic animal species. The eleven anatomical systems are covered and material presented ranges from the microscopic cellular level to the level of the full organism. Relevant application of structure and function to the clinical medical situations is addressed. Appropriate medical terminology is included with each system. Animal dissection is carried out by each student. (FT) Associate Degree Credit & transfer to CSU.

226A Surgical Nursing Procedures Lab I
48 - 54 hours lab, 1 units
Grade Only

Prerequisite: Animal Health Technology 105, Animal Health Technology 105L, Animal Health Technology 120 and Animal Health Technology 125, each with a grade of "C" or better, or equivalent.

Corequisite: Animal Health Technology 225.

Limitation on Enrollment: This course is not open to students with previous credit for Animal Health Technology 225L.

This is a laboratory course designed to illustrate the principles presented in Animal Health Technology 225. It allows for the beginning application of theories and laboratory procedures as taught in lecture. (FT) Associate Degree Credit & transfer to CSU.

226B Surgical Nursing Procedures Lab II

48 - 54 hours lab, 1 units

Grade Only

Prerequisite: Animal Health Technology 105, Animal Health Technology 105L, Animal Health Technology 120, Animal Health Technology 125, Animal Health Technology 225 and Animal Health Technology 226A, each with a grade of "C" or better, or equivalent.

Limitation on Enrollment: This course is not open to students with previous credit for Animal Health 225L.

This course is a continuation of Animal Health Technology 226A and is a laboratory course designed to continue the illustration of the principles presented in Animal Health Technology 225. It allows for an advanced application of theories and procedures as taught in Animal Health Technology 225. (FT)
Associate Degree Credit & transfer to CSU.

ACTION

Adoption of a course deactivation at Mesa College.

Proposed course deactivation at Mesa College:

151 UNIX Operating Systems

48 - 54 hours lecture, 3 units

Letter Grade or Pass/No Pass Option

Limitation on Enrollment: This course is not open to students with previous credit for Computer and Information Sciences 265. This introductory course to the Unix Operating systems is for new users to learn the programs and services that made the Unix System so popular including: the shell, communicating to other users, manipulating files using the file structure, setting file access permissions, full-screen text editing, the Bourne and C shell, and programming simple shell scripts. (FT) Associate Degree Credit & transfer to CSU.

Geographic Information Systems

ACTION

Adoption of a course deactivation at Mesa College.

Proposed course deactivation at Mesa College:

90 Introduction to GIS for Fire Fighters

16 - 18 hours lecture, 24 - 27 hours lab, 1.5 units

Letter Grade or Pass/No Pass Option

Advisory: Computer Business Technology 114 or Computer Business Technology 101, each with a grade of "C" or better, or equivalent.

This course covers the fundamentals of Geographic Information Systems (GIS) for fire fighters, using spatial information and software to map and analyze information associated with fire planning. Labs include hands-on experience with ArcGIS software in the subject areas of map making; scanning, georeferencing, and digitizing fire pre-plans; GIS data creation and management, and working with geoprocessing tools. This course provides the skills and knowledge to create basic spatial data and GIS maps, particularly with reference to fire pre-plans. Students also learn basic GIS skills, a foundation for further study in GIS or to pursue a GIS degree or certificate. (FT) Associate Degree Credit only and not Transferable.

ACTION

Adoption of two new courses at Mesa College.

Proposed new courses at Mesa College:

135A College Guitar I

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

This course is an introductory study of the theoretical and practical applications of guitar skills. Emphasis is placed on skill development in understanding, playing, reading, writing and analyzing music via the guitar. Students are encouraged to internalize intervals, major and minor scales, triads, 7th chords, basic chord progressions and rhythms. This course is designed to prepare guitar students for guitar proficiency requirements at four-year institutions and all students interested in learning and developing fundamental theoretical and practical guitar skills. (FT) Associate Degree Credit & transfer to CSU.

135B College Guitar II

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

Prerequisite: Music 135A with a grade of "C" or better, or equivalent.

This course is the second in a two-semester sequence study of the theoretical and practical applications of guitar skills. Emphasis is placed on beginning to intermediate skill development in understanding, reading, writing and analyzing music via the guitar. Students are encouraged to internalize intervals, major and minor scales, triads, 7th chords, and basic chord progressions in higher positions of the guitar. This course is designed to prepare guitar students for guitar proficiency requirements at four-year institutions and all students interested in learning and developing theoretical and practical guitar skills. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of three course deactivations at City College.

Proposed course deactivations at City College:

101 Introduction to Supervision

48 - 54 hours lecture, 3 units

Grade Only

Advisory: English 48 or English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels W5 or R5; Business 92 with a grade of "C" or better, or equivalent.

This course introduces students to the fundamentals of management, the functions and concepts of supervision, and the role of the supervisor in the organization. (FT) Associate Degree Credit & transfer to CSU.

115 Management and Organization for Supervisors

48 - 54 hours lecture, 3 units

Grade Only

Advisory: English 48 or English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels W5 or R5; Business 92 with a grade of "C" or better, or equivalent.

An analysis of the managerial functions of organizing, staffing, directing, planning, controlling and the principles pertaining to those functions. (FT) Associate Degree Credit & transfer to CSU.

170 Supervisor/Employee Communications

48 - 54 hours lecture, 3 units

Grade Only

Advisory: English 48 or English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels W5 or R5; Business 92 with a grade of "C" or better, or equivalent.

This course is designed to develop communications skills for supervisors, consistent with good human relations principles. The emphasis will be on listening and speaking in a variety of on-the-job situations such as one-to-one, small group, and large group communications. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of a program revision at Mesa College.

Proposed program revision at Mesa College:

**Associate in Science
Animal Health Technology**

Courses Required for the Major:	Units
ANHL 100A Animal Care and Management.....	1.5
ANHL 100B Advanced Animal Care and Management	1.5
ANHL 105 Fundamentals of Animal Health Technology	3
ANHL 105L Fundamentals of Animal Health Technology Laboratory.....	2
ANHL 115 Veterinary Office Procedures	2
<u>ANHL 120 Comparative Physiological Anatomy</u>	<u>4</u>
ANHL 125 Veterinary Clinical Pathology	3
ANHL 125L Veterinary Clinical Pathology Laboratory	2
ANHL 135 Veterinary Pharmacology	2
<u>ANHL 145 Veterinary Anatomy and Physiology</u>	<u>3</u>
<u>ANHL 145L Veterinary Anatomy and Physiology Lab</u>	<u>1</u>
ANHL 205 Diseases of Domestic Animals	3
ANHL 215 Veterinary Radiography	3
ANHL 215L Veterinary Radiography Laboratory.....	1
ANHL 225 Animal Nursing Techniques and Anesthesiology	3
<u>ANHL 226A Surgical Nursing Procedures Lab I.....</u>	<u>1</u>
<u>ANHL 226B Surgical Nursing Procedures Lab II.....</u>	<u>1</u>
<u>ANHL 227 Veterinary Surgical and Nursing Procedures Lab</u>	<u>1</u>
<u>ANHL 229 Advanced Surgical Nursing Procedures Lab</u>	<u>1</u>
ANHL 235A Directed Clinical Practice	2
ANHL 235B Advanced Directed Clinical Practice	2
<u>ANHL 255 Laboratory Animal Medicine</u>	<u>2</u>
<u>ANHL 255L Laboratory Animals Medicine Laboratory</u>	<u>1</u>
BIOL 107 General Biology Lecture and Laboratory and	
BIOL 205 General Microbiology	5

Total Units = 46 45

Building Construction

ACTION

Adoption of a program revision at Mesa College.

Proposed program revision at Mesa College:

**Certificate of Achievement
Inspection**

Courses Required for the Major:	Units
ARCH 130 Materials of Construction	3
ARCH 205 Estimating.....	3
BLDC 055 Construction Plan Reading.....	3
BLDC 060 Construction Practices I or	
<u>BLDC 061 Construction Practices II.....</u>	<u>4</u>
BLDC 065 Building Inspection	3
BLDC 068 Electrical, Plumbing and Mechanical Codes	3
BLDC 070 Building Codes and Zoning	3
BLDC 075 Construction Management I.....	3
BLDC 080 Construction Project Management and Scheduling.....	3

Total Units = 28

ACTION

Adoption of a program deactivation at City College.

Proposed program deactivation at City College:

**Certificate of Performance
Supervision I**

Courses Required for the Major:	Units
BUSE 119 Business Communications	3
SUPR 101 Introduction to Supervision	3
SUPR 115 Management and Organization for Supervisors	3
SUPR 170 Supervisor/Employee Communications	3

Total Units = 12

Sustainable Urban Agriculture

ACTION

Adoption of a program revision at City College.

Proposed program revision at City College:

**Certificate of Achievement
Urban Farming Professional**

Courses Required for the Major	Units
AGRI 100 Principles of Sustainable Agriculture	3
AGRI 102 Sustainable Urban Agricultural Practice	3
AGRI 104 Cool Season Organic Production	3
AGRI 106 Warm Season Organic Production	3
AGRI 108 Building Fertile Soil Organically	3
AGRI 110 Organic Fruit Tree Care	3
AGRI 112 Organic Greenhouse Management and Plant Propagation	2
AGRI 116 Drip Irrigation Basics	2
<u>AGRI 130 Agriculture Direct Marketing Internship</u>	<u>1</u>
<u>AGRI 270 Work Experience in Sustainable Urban Agriculture</u>	<u>1-4</u>
BUSE 155 Managing the Small Business or	
BUSE 157 Starting a Small Business	3
<u>BUSE 119 Business Communications.....</u>	<u>3</u>
BUSE 245F Small Business Internship	1

Total Units = ~~26~~ 27-30