

Board docket for January 26, 2006

A. NAME OF DOCKET ITEM

Consideration and approval of new or revised courses and programs.

B. STATEMENT OF ISSUE/PURPOSE

1. Background and Purpose

The following curriculum changes are proposed:

Dental Assisting	Adoption of a two new courses at Mesa College.	Attachment A
Digital Film Production	Adoption of a new course at Miramar College.	Attachment B
Fashion	Adoption of a course reactivation at Mesa College.	Attachment C
Fire Technology	Adoption of a new course at Miramar College.	Attachment D
Manufacturing Engineering Technology	Adoption of a new course at City College.	Attachment E
Visual and Performing Arts	Adoption of one new Certificate of Achievement and one new Certificate of Completion at City College. Adoption of Title Change on Associate Degree.	Attachment F
Vocational Nursing	Adoption of six new courses at City College	Attachment G

2. Cost and Funding

There is no additional cost to the District

C. PROPOSAL

The Board of Trustees hereby approves the action outlined in Part A of this docket exhibit.

Henry T. Ingle, Ph.D.
Vice Chancellor
Instructional Services, Planning and Technology

ACTION

Adoption of two new courses at Mesa College.

Proposed new courses at Mesa College:

103 Preventive Dental Care

**1.5 hours lecture, 1.5 units
Grade Only**

Prerequisite: DENA 102 with a grade of "C" or better, or equivalent.

Corequisite: DENA 103L & DENA 106, each with a grade of "C" or better, or equivalent.

Limitation on Enrollment: This course is not open to students with previous credit for DENA 104.

Special Admission - must be admitted to program.

This course is for students enrolled in the Dental Assisting Program. This course focuses on the principles and techniques necessary for preventing tooth decay, including the importance of nutrition, personal preventive oral hygiene, and education of the dental patient on preventive dental care. The goal and components of a preventive dentistry program are included. This course also includes the discussion of personal nutrition and nutritional counseling plus charting a diet diary. Identification of sources and the practice of using fluoridation as a preventive measure against tooth decay and the purpose of dental sealants are also presented. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

(FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

103L Preventive Dental Care Lab

**1.5 hours lab, 0.5 units
Grade Only**

Prerequisite: DENA 102 with a grade of "C" or better, or equivalent.

Corequisite: Completion of or concurrent enrollment in DENA 103 & DENA 106, each with a grade of "C" or better, or equivalent.

Limitation on Enrollment: This course is not open to students with previous credit for DENA 104.

Special Admission - must be admitted to program.

This course is for students enrolled in the Dental Assisting Program. This laboratory course presents the practical application of preventive dental care, including an analysis of personal/patient nutrition and nutritional counseling. This lab course also focuses on the principles and techniques necessary for personal preventive oral hygiene. Patient education strategies for maintaining preventive oral hygiene and regular professional care are included. The practice of using fluoridation and sealants as preventive measures against tooth decay is covered.

ACTION

Adoption of a new course at Miramar College.

Proposed new course at Miramar College:

102 The American Cinema

3 hours lecture, 3 units

Grade Only

Advisory: ENGL 051 & ENGL 056, each with a grade of "C" or better, or equivalent or Assessment Skill Levels W5/R5.

This introductory film studies course brings Hollywood film making into clear focus as a unique economic, industrial, aesthetic, and cultural institution. This course explores how American films work technically, artistically, and culturally through encounters with the works of such directors as John Ford, Howard Hawks, and Martin Scorsese. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

ACTION

Adoption of a course reactivation at Mesa College.

Proposed course reactivation at Mesa College:

135 Tailoring

3 hours lecture, 3 units

Grade Only

Advisory: MATH 032 & ENGL 051 & ENGL 056, with a grade of "C" or better, or equivalent or Assessment Skill Level M20/W5/R5. FASH 130 with a grade of "C" or better, or equivalent

The focus of this course is the presentation of various techniques of tailoring and fitting a coat or jacket utilizing a commercial pattern. This is a recommended course for all fashion design majors and is open to any student interested in expanding intermediate sewing skills. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

ACTION

Adoption of a new course at Miramar College.

Proposed new course at Miramar College:

312 Auto Extrication

**16 hours lab, 0.2 unit
Credit/No Credit Only**

This course provides students with hands-on experience in the procedures and systems utilized during automobile extrication. Topics covered include auto extrication, types of hand and power tools, removing windows, opening doors, removing roofs, pulling seats, stabilization of vehicles, and simulated rescues of victims. (FT) Associate Degree Credit only and not Transferable

ACTION

Adoption of a new course at City College.

Proposed new course at City College:

150 Manufacturing Automation

2 hours lecture, 3 hours lab, 3 units

Grade Only

Prerequisite: MFET 120 with a grade of "C" or better, or equivalent.

This lecture/lab course introduces students to the principles of manufacturing automation, process and machine control, programmable logic controllers, robotics, part handling and assembly. Students also learn concepts of group technology, flexible manufacturing systems and their applications in manufacturing industries. Through lectures, hands-on learning experience and demonstrations, students gain knowledge and skills in modern manufacturing that are necessary for seeking rewarding employment opportunities. This course uses a project-based learning approach. It is intended for students, technicians, technologists and engineers who are interested in manufacturing automation. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

Visual and Performing Arts

ACTION

Adoption of one new Certificate of Achievement and one new Certificate of Completion at City College.
Adoption of Title Change on Associate Degree.

PROGRAM REVIEW

Pursuant to Section 78016 of the Education Code, following is a program review summary:

- A. Labor Market¹: According to the California State Employment Development Department (EDD) statistics, there were approximately 41,290 persons employed in Visual and Performing Arts -related jobs in San Diego County in 1999. Approximately 14,110 additional job opening are projected through 2006.
- B. Duplication²: Visual and Performing Arts is offered days and evenings at San Diego City college and Mira Costa College.
- C. Effectiveness³: District enrollment in Visual and Performing Arts is estimated at 597 students.

¹ Information was obtained from California Employment Development Department (EDD), Table 2, San Diego County TOP Projections, 1999-2006.

² Information was obtained by the San Diego Imperial Counties Community Association Colleges (SDICCCA).

³ Information was obtained from the Vocational Education Data Systems (VEDS) Report 2002-03.

Proposed new certificates and Associate Degree Title change for City:

**Certificate of Achievement:
Visual and Performing Arts
Recording Arts**

Courses Required for the Major:	Units
MUSI 150A, Basic Musicianship	3
MUSI 190, Electronic Music Studio.....	3
MUSI 201, Recording Arts.....	3
MUSI 202, Computer Music	3
MUSI 205A, Projects in Electronic Music	3
RTVC 107, Broadcast Audio.....	3
RTVC 152, Digital Audio Post Production	3
Total Units = 21	

Recommended electives: Music 115A

**Certificate of Completion:
Visual and Performing Arts
Digital Audio**

Courses Required for the Major:	Units
MUSI 150A, Basic Musicianship	3
MUSI 190, Electronic Music Studio.....	3
MUSI 201, Recording Arts.....	3
MUSI 202, Computer Music	3
Total Units = 12	

Recommended electives: Music 115A, 205A

**Associate in Arts Degree:
Visual and Performing Arts
Digital Music Technology**

Courses Required for the Major:	Units
MUSI 108, The Business of Music.....	3
MUSI 115A, Elementary Piano.....	1
MUSI 150A, Basic Musicianship	3
MUSI 190, Electronic Music Studio.....	3
MUSI 201, Recording Arts.....	3
MUSI 202, Computer Music	3
MUSI 205A,Projects in Electronic Music	3
RTVC 107, Broadcast Audio OR	
RTVC 152, Digital Audio Post Production	3
RTVC 151, Introduction to Multimedia	3
Total Units = 27	

Recommended electives: Music 100, 109, 111, 115B, 120, 121, 215A,215B , 230A, 230B, 290, 296; Radio and Television 154, 157, 167.

ACTION

Adoption of six new courses at City College.

Proposed new courses at City College:

043 Nutrition for Vocational Nurses
1.5 hours lecture, 1.5 units
Grade Only

Prerequisite: VNUR 042 with a grade of "C" or better, or equivalent.

Corequisite: Completion of or concurrent enrollment in VNUR 045 with a grade of "C" or better, or equivalent.

The Nutrition for Vocational Nurses course provides an introductory study of nutrition in health care to the ROP Vocational Nursing student. Nutrition is considered a vital component of the care of the whole person. The nursing student needs to have a basic understanding of the importance of nutrition to be able to assist and teach clients about making good choices according to their healthcare needs. The course is designed for the student progressing through the Vocational Nursing program. (FT) Not Applicable to Associate Degree.

045 Medical Surgical Vocational Nursing I
5.5 hours lecture, 16 hours lab, 10.5 units
Grade Only

Prerequisite: VNUR 042 with a grade of "C" or better, or equivalent.

Corequisite: Completion of or concurrent enrollment in VNUR 043 with a grade of "C" or better, or equivalent.

The Medical Surgical Vocational Nursing course is the first of two courses in the Vocational Nursing program covering nursing care of medical/surgical patients. The course includes a clinical component and focuses on each body system with related disorders, the pathophysiology, assessment findings, medical, surgical and nursing management of these specific disorders. The course covers related nutritional, pharmacological, growth and development, and psychosocial issues as appropriate. In addition, the special needs of older adults are explored. The course is designed to build upon knowledge and skills set obtained in prerequisite courses that comprise the Vocational Nursing program. (FT) Not Applicable to Associate Degree.

046 Maternal/Child and Mental Health
Vocational Nursing
7 hours lecture, 16 hours lab, 12 units
Grade Only

Prerequisite: VNUR 045 with a grade of "C" or better, or equivalent.

The Maternal/Child and Mental Health Vocational Nursing course enables the student to participate in the nursing care of the maternity client, newborn and family throughout pregnancy, labor, delivery, pediatric and the postpartum period in both normal and high-risk circumstances. It also provides a solid foundation in mental health nursing. The clinical component provides practical applications of the course objectives. The course is designed for the student progressing through the Vocational Nursing program. (FT) Not Applicable to Associate Degree.

047 Medical Surgical Vocational Nursing II
3.5 hours lecture, 4 hours lab, 4.5 units
Grade Only

Prerequisite: VNUR 046 with a grade of "C" or better, or equivalent.

Corequisite: Completion of or concurrent enrollment in VNUR 048 and VNUR 049, each with a grade of "C" or better, or equivalent. The Advanced Medical Surgical Vocational Nursing course is the second of two medical/surgical courses in the Vocational Nursing program. This course builds on the skills and knowledge base developed during Medical/Surgical Vocational Nursing I and continues to cover nursing care of medical surgical patients. The course focuses on body systems with related disorders, and the pathophysiology, assessment findings, medical, surgical and nursing management of these specific disorders. The course covers related nutritional, pharmacological, growth and development, and psychosocial issues as appropriate. In addition, the special needs of young and middle adults are also explored. This course is designed for the student in the last portion of the Vocational Nursing Program. (FT) Not Applicable to Associate Degree.

048 Advanced Pharmacology for Vocational Nurses

1.5 hours lecture, 1.5 units

Grade Only

Prerequisite: VNUR 046 with a grade of "C" or better, or equivalent.

Corequisite: Completion of or concurrent enrollment in VNUR 047 and VNUR 049, each with a grade of "C" or better, or equivalent.

The Advanced Pharmacology for Vocational Nurses course is the second of two pharmacology courses in the Vocational Nursing program. It builds on the basic pharmacology course to enable the nursing student to develop a broader understanding of the nurse's role in medication administration and how medications are used to treat and prevent illnesses. Drug actions, interactions, side effects, therapeutic monitoring, and adverse reactions are discussed and related to pathophysiology. Drug categories not studied in the introductory course are explored to complete the study of pharmacology in healthcare. The course is designed for the student progressing through the Vocational Nursing Program with a base knowledge obtained in prerequisite courses. (FT) Not Applicable to Associate Degree.

049 Vocational Nursing Leadership

1.5 hours lecture, 1.5 units

Grade Only

Prerequisite: VNUR 046 with a grade of "C" or better, or equivalent.

Corequisite: Completion of or concurrent enrollment in VNUR 047 and VNUR 048, each with a grade of "C" or better, or equivalent.

This Vocational Nursing Leadership course prepares the student for professional practice and leadership as a licensed vocational nurse. It builds on the foundations of basic and advanced medical surgical nursing and provides an opportunity to learn the critical path to leadership development in the transition from nursing student to nursing leader. Students explore such areas as paradigm thinking, theoretical frameworks for management, searching for the perfect job, mentoring, the application process, becoming a change agent, conflict resolution, employee motivation, team building, assignments, coaching, and performance analysis within the context of the 21st Century healthcare system. The course is designed for the student in the final portion of the Vocational Nursing program. (FT) Not Applicable to Associate Degree.