

Board Docket for 6/09/05

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:

Child Development	Adoption of a new course at City College.	Attachment A
Disability Support Programs and Services	Adoption of new course at City and Miramar Colleges.	Attachment B
Fire Protection Technology	Adoption of new course at Miramar College.	Attachment C
Geology	Adoption of new course at Mesa and Miramar Colleges.	Attachment D
Learning Skills	Adoption of a three new courses at Miramar College.	Attachment E
Manufacturing Engineering Technology	Adoption of new course at City College.	Attachment F
Microsoft	Adoption of new course at City College.	Attachment G
Physical Education	Adoption of course deactivation at Mesa College.	Attachment H
Psychology	Adoption of a course reactivation at Mesa College.	Attachment I

2. Cost and Funding

There is no additional cost to the District

Otto W. K. Lee
Interim Assistant Chancellor
Instructional Services, Planning and Technology

B. STATEMENT OF ISSUE/PURPOSE (Continued)

C. PROPOSAL

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

ACTION

Adoption of new course City College.

Proposed course at City College:

**153 Techniques of Teaching Using the
Reggio Emilia Approach**

**3 hours lecture, 3 units
Grade Only**

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

Limitation on Enrollment: Not open to students with previous credit for CHIL 265E.

This course is based on the early childhood philosophy, and teaching techniques adopted by the schools from Reggio Emilia, Italy. Emphasis is placed on the overall principles of the Reggio Emilia philosophy of valuing the capabilities of the child, collaborations between the teachers, family and community, strategies of emergent curriculum, project work and the documentation process. Adaptation strategies for the use of Reggio in traditional preschools and childcare programs are addressed. This course may be used for teachers and administrators as partial fulfillment of Title 22 and Child Development Permit Matrix curriculum requirements. It is also an elective for State of California Child Development Permits; Child Development associate degrees and certificates. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

Disability Support Programs and Services

ACTION

Adoption of new course at City and Miramar College.

Proposed course at City and Miramar College:

020 Introduction to Accessible Computers

1 hours lecture, 1 units

Credit/No Credit Only

This course introduces students with disabilities to accessible computer programs and equipment. The course provides an overview of software and hardware resources that allow disabled students to compete in educational and business settings. Not Applicable to Associate Degree.

Fire Protection Technology

PROGRAM REVIEW

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

- A. Labor Market¹: It is estimated that 3,037 persons are employed in San Diego County in Fire Protection Technology related jobs. Approximately 13 jobs are expected in the county between 2004 and 2006.
- B. Duplication²: Fire Technology/Basic Fire Academy is offered at Imperial Valley, Miramar, Palomar, and Southwestern Colleges.
- C. Effectiveness³: District college enrollment is estimated at 2,216 students.

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

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

³ Information was obtained from the Vocational Education Data Systems (VEDS) Report, 2003-04.

ACTION

Adoption of a new course at Miramar College.

Proposed new course at Miramar College:

310H Introduction to Wildland Fire Behavior Calculations S-390
0.5 hours lecture, 0.5 hours lab, 0.5 units

Prerequisite: FIPT 310A with a grade of "C" or better, or equivalent. Basic Incident Command System I-200.

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

Limitation on Enrollment: Experienced personnel must meet training and experience requirements for the position as established by the NWCG Wildland Fire Qualifications Subsystem Guide 310-1. Must be Task Force/Strike Team Leader qualified. (Twenty four total instructional hours). This third course in a five-course sequence develops

the concepts required in determining wildland fire behavior for safe and effective fire management operations. Students learn about local and regional fire behavior issues that are critical to wildland fire fighting. They also compare the effects of daytime solar radiation and nighttime heat losses from various sources. Topics include the effects of terrain, vegetation, clouds, and wind on relative humidity, types of inversions, and their effects on wildland fire behavior. The course also explores the relationship among general, local (convective), 20-foot, and mid-flame winds and how topography affects fuels and their availability for combustion. (FT) Associate Degree Credit only and not Transferable.

Geology

ACTION

Adoption of a new course at Mesa and Miramar Colleges.

Proposed course at Mesa and Miramar Colleges:

104 Earth Science

3 hours lecture, 3 units

Letter Grade or Credit/No Credit Option

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

This course investigates Earth's major physical systems, including the lithosphere, hydrosphere, and atmosphere, as well as Earth's place in the solar system. As such, this course provides a brief synthesis of pertinent topics in geology, physical geography, oceanography, meteorology, and astronomy. It is intended for those with a general interest in the Earth sciences and those wishing to satisfy requirements for a California Multiple Subject Teaching Credential. (FT)

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

Learning Skills

ACTION

Adoption of new courses Miramar College.

Proposed courses at Miramar College:

047 College Writing and Learning Skills for Developmental Students

**3 hours lab, 1 unit
Credit/No Credit Only**

Learning Skills 47 is an individualized course designed to assist developmental students with basic college writing and learning skills necessary for success in academic settings. In this course, students practice the writing process, reading to respond, listening and discussing as well as study and research skills. Multi-media materials assigned to assist individual students are determined by diagnostics and instructor-student interviews. Students work at their own pace and meet periodically with the instructor in support of continuing progress and course completion. Students must complete a minimum of 48 hours of work; a passing grade cannot be given unless the minimum number of hours are met. (FT) Not Applicable to Associate Degree.

048 College Reading and Learning Skills for Developmental Students

**3 hours lab, 1 unit
Credit/No Credit Only**

Learning Skills 48 is an individualized course designed to assist developmental students with basic college reading and learning skills necessary for meeting college-level requirements. The course includes practice with the reading process, active reading and vocabulary learning strategies as well as with listening, research and study skills. Multi-media materials assigned to assist individual students are determined by diagnostics and instructor-student interviews. Students work at their own pace and meet periodically with the instructor in support of continuing progress and course completion. Students must complete a minimum of 48 hours of work; a passing grade cannot be given unless the minimum number of hours are met. (FT) Not Applicable to Associate Degree.

049 College Learning Skills for ESL Students 3 hours lab, 1 unit Credit/No Credit Only

Learning Skills 49 is an individualized course designed to assist ESL students with various areas of language development such as writing and grammar, reading and vocabulary, and listening and speaking necessary for college success. Multi-media materials assigned to assist individual students are determined by diagnostics and instructor-student interviews. Students work at their own pace and meet periodically with the instructor in support of continuing progress and course completion. Students must complete a minimum of 48 hours of work. A passing grade cannot be given unless the minimum number of hours are met. (FT) Not Applicable to Associate Degree.

Manufacturing Engineering Technology

ACTION

Adoption of new course City College.

Proposed course at City College:

Manufacturing Engineering Technology
105 Print Reading and Symbology
3 hours lecture, 3 units
Grade Only

Advisory: MATH 035 and ENGL 051 with a grade of "C" or better, or equivalent. or Assessment Skill Levels M30/W5.

This course is a study of the types of symbols and engineering notations used for mechanical, electrical, electronic, hydraulic and pneumatic drawings. Representative drawings are used to demonstrate concepts and practice in interpreting the symbols and notations. Students view and handle typical parts represented by the symbols. This course is designed for students who are currently working in a manufacturing plant or pursuing a career in an engineering technology field. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

ACTION

Adoption of new course at City College.

Proposed courses at City College:

Microsoft

140 Designing Security for Microsoft Networks

1 hours lecture, 1.5 hours lab, 1.5 units

Letter Grade or Credit/No Credit Option

Prerequisite: MSFT 130 and MSFT 132, each with a grade of "C" or better, or equivalent.

This course provides students with the knowledge and skills to design a secure network infrastructure. Topics include assembling the design team, modeling threats, and analyzing security risks in order to meet business requirements for securing computers in a networked environment. The course encourages decision-making skills through an interactive tool that simulates real-life scenarios that the target audience may encounter. This course follows the Microsoft Official Curriculum (MOC) and it is intended to prepare students to take Microsoft's certification exam that focuses on the Microsoft Certified Systems Engineer's security design requirement (Exam 79-298). This course may be taken three times with new technologies. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities.

Physical Education

ACTION

Adoption of course deactivation at Mesa College.

Proposed course at Mesa College:

Physical Education

110 Ballet

~~— 0 hours lecture, 2–3 hours lab, 0.5–1 unit
Letter Grade or Credit/No Credit Option~~

REQUISITES: None

~~Ballet is a course in traditional ballet technique focusing on correct body alignment and placement through repetition and centre work. The class analyzes, discusses, and critiques the line, design, ballet technique, choreography and dynamics of ballet movements. This course, in combination with Dance 110, may be taken four times for credit. (FT) Associate Degree Credit & transfer to CSU and/or private colleges and universities. CSU General Education, UC Transfer Course List.~~

ACTION

Adoption of course reactivation at Mesa College.

Proposed course reactivation at Mesa College:

Psychology

166 Introduction to Social Psychology

3 hours lecture, 3 units

Grade Only

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

Social psychology examines how individuals are influenced by their social environment. Special attention is given to social cognition and perception, self-justification, conformity, group dynamics, prejudice, aggression, prosocial behavior and applied social psychology. Emphasis will be placed on developing critical and integrative ways of thinking about theory and research in social psychology. This course is for anyone who is interested in the subject of social psychology.

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