California State University, Los Angeles

EPC M07-12

EDUCATIONAL POLICY COMMITTEE **DRAFT**

MINUTES OF MEETING: March 3, 2008

PRESENT: V. Crespi, R. DeChaine, D. Espinoza, C. Flint, M. Garcia, A. Gonzalez, C. Haras, P. Ivory, S. Liu, J. Moss, E. Porter, J. Rudd

EXCUSED ABSENCE: C. Cruz

1 **Call to Order**
J. Rudd, Chair, called the meeting to order.

2. **Announcements**
R. DeChaine indicated his term on EPC ends this quarter.

3. **Intent to Raise Questions**
None

4. **Liaison Reports**

Executive Committee
C. Flint reported that the deadline for faculty to apply for the RSCA mini-grant has been changed to the spring. Two policy items that are on the Senate agenda are: 1) changing the timeline for retired faculty to apply for emeritus status and 2) an outstanding teaching award for part-time lecturers.

Program Review Subcommittee
R. Dechaine reported that PRS met with the School of Criminal Justice and Criminalistics, finishing phase two of the PR process.

Academic Advisement Subcommittee
E. Porter reported AAS had interest in a faculty advisement training rubric in the Program Review procedures.

5. **Approval of the Agenda**
M/s/p to approve.

6. **Approval of the Minutes**
M/s/p to approve as corrected.

7. **Curricular Items**

Actions Reported by the Executive Secretary
M/s/p to reflect in the minutes as amended.

8. **Proposed Modifications to Program Review Procedures, EPC 07-06**
The Committee reviewed the newest packet of information for the Program Review Subcommittee. The following action was taken:

M/s/p to postpone further discussion on this item in order for the committee to have time to thoroughly review the document. Discussion will continue at the first meeting of the spring quarter.

9 **Collegiate Learning Assessment, EPC 07-05**
No new information has been received.

10. **180 Unit Degree Requirements, EPC 07-07**
The Committee reviewed the most recent grid. The following action was taken:

M/s/p to approve the document and forward it to the Executive Committee.

ACTIONS REPORTED BY THE EXECUTIVE SECRETARY

Program Modification

BA Chinese
Program changes, to add a requirement of 12 quarter units of the first-year college level language studies to the major.

BA Japanese
Program changes, to add a requirement of 12 quarter units of first-year college level language to the major.

BS Technology
Program changes, to reduce the number of units for the degree from 192 to 180. Delete Production Technology option.

New Courses

MUS 143A Class Piano Instruction I (1)
Prerequisite: Ability to read music notation. Development of piano skills: technique of harmonization and transposition, score reading, sightreading, and accompaniment. Activity 2 hours.

Limit: 16 **Abbr:** ClassPianoInstrucI **Offered:** F

MUS 143B Class Piano Instruction II (1)
Prerequisite: MUS 143A or the equivalent. Development of piano skills: technique of harmonization and transposition, score reading, sightreading, and accompaniment. Activity 2 hours.

Limit: 16 **Abbr:** ClassPianoInstrucII **Offered:** W

MUS 143C Class Piano Instruction III (1)
Prerequisite: MUS 143B or the equivalent. Development of piano skills: technique of harmonization and transposition, score reading, sightreading, and accompaniment. Activity 2 hours.

Limit: 16 **Abbr:** ClassPianoInstruIII **Offered:** S

MUS 243D Piano Proficiency Examination (0)
Piano-proficiency is required of all music majors prior to graduation. This requirement may be fulfilled by either completing the class-piano sequence through MUS 243C or by passing MUS 243D. Graded CR/NC.

Limit: 16 **Abbr:** PianoProficExam **Offered:** F, W, S

TECH 301 Transition to Cal State L.A. for Technology Majors (2)
Emphasizes resources and skills that help students attain degree objectives and introduces them to the following aspects of the University: history, structure, policies and procedures, faculty expectations, resources and skills necessary for success. Introduction to professions associated with programs in the department.

Limit: 24 **Abbr:** TransCSULAforTechnMajors **Offered:** F, W, S

TECH 305 Information Literacy for Technologies (2)
The process of finding, organizing, and using information in print, electronic and other formats for technologists.

Limit: 24 **Abbr:** InfoLiteracyforTech **Offered:** F, S

TECH 310 The Design Process (3)
Introduction to the process of technical design. Analysis and application of the methods models organizations, standards and practices used in the design of projects or products. Lecture 1 ½ hours, laboratory 4 ½ hours.

Limit: 20 **Abbr:** TheDesignProcess **Offered:** F, S

TECH 313 Product Design and Development (3)
Prerequisite: TECH 310. Indepth examination of the process of designing products for manufacture. Analysis and application of the methods, models organizations, standard and practices used in industry. Lecture 1 ½ hours, laboratory 4 ½ hours.

Limit: 20 **Abbr:** ProductDesignDevelop **Offered:** F, S

TECH 315 Project Design and Document Control (3)
Prerequisite: TECH 310 and 313. Concepts, applications and procedures necessary to control, protect and access graphical data used in the management of design and manufacturing documentation. Lecture 1 ½ hours, laboratory 4 ½ hours.

Limit: 20 **Abbr:** ProjDesignandDocControl **Offered:** W, X

TECH 360 Modern Manufacturing (3)
Introduction to the practices and procedures used in modern manufacturing to bring a product to market. Review of industrial materials, processes, standards, safety, quality, and computer software used in manufacturing. Lecture 1 ½ hours, laboratory 4 ½ hours.

Limit: 20 **Abbr:** ModernManufacturing **Offered:** S

TECH 370 Power, Energy, and Transportation (3)
Power, energy, and transportation concepts: available energy sources, power conversion process, power transmission methods, and land, sea, air, and space transportation systems. Lecture 1 ½ hours, laboratory 4 ½ hours.

Limit: 20 **Abbr:** PowerEnergandTransport **Offered:** F, W, S

TECH 384 Foundations of Technology Education (4)
Comprehensive introduction to industrial and technology education in the United States with emphasis on current trends and issues specific to California. First-hand experiences in new instructional and curricular methods in technology education.

Limit: 25 **Abbr:** FoundofTechnoEducation **Offered:** F

TECH 423 Intermediate Routing and LAN Switching (4)
Prerequisite: TECH 422. The topics of classless IP addressing techniques: VLSM and CIDR, single are OSPF and EIGRP routing, LAN switching and design, switch configuration, Spanning Tree Protocol, VLANs, and VLAN trunking protocol.

Limit: 25 **Abbr:** IntermRoutingandLanSwitch **Offered:** F, S

TECH 424 Wide Area Networks (4)
Prerequisite: TECH 423. Addresses scaling with NAT and DHCP, WAN physical and data link protocols, WAN connections, LAN/WAN case study, PPP, ISDN, DDR, Frame Relay, network management, and CCNA certification preparation.

Limit: 25 **Abbr:** WideAreaNetworks **Offered:** W, X

TECH 462 Digital Manufacturing (3)
Prerequisite: TECH 360 and 460. Development of basic skills needed to perform simulation construction in the virtual manufacturing environment with CNC< CAM, machining and robotics simulation. Lecture 1 ½ hours, laboratory 4 ½ hours.

Limit: 24 **Abbr:** DigitalManufacturing **Offered:** W

TECH 466 Computer-Aided Manufacturing (3)
Prerequisites: TECH 360, 460, 462. Applications and theories of advanced production systems in automated manufacturing environments; emphasis includes direct and computer numerical control, computer integrated manufacturing CAD/CAM; flexible manufacturing; group technology. Lecture 1 ½ hours, laboratory 4 ½ hours.

Limit: 24 **Abbr:** CompAidedManufact **Offered:** F, S

TECH 467 Emerging Manufacturing Technologies (3)
Prerequisites: TECH 360, 460, 462, 464. Variable content of manufacturing topics and processes. Special studies of diverse subjects such as Rapid Prototyping, Wire Electrical Discharge Machining (EDM), Advanced Computer-Aided Manufacturing, Automatic Data Collection and Identification. Lecture 1 ½ hours, laboratory 4 ½ hours**.**

Limit: 24 **Abbr:** EmergingManufacturTechnol **Offered:** F, S

TECH 470 Electric, Hybrid, and Alternative Fueled Vehicles (3)
Prerequisite: TECH 370 or with consent of instructor. Technology and application of electric, hybrid, and alternative fueled vehicles: power plant design, electric motor and heat engine characteristics, energy storage, system controls, fuel cells, and solar powered vehicles. Lecture 1 ½ hours, laboratory 4 ½ hours.

Limit: 24 **Abbr:** ElectHybridandAlternFuelVehic **Offered:** F, S

TECH 474 Power Generation, Distribution and Utilization (3)
Prerequisite: TECH 370 or with consent of instructor. Detailed aspects of power conversion and distribution systems: large and small-scale electric power system, fossil fuels, wind, solar, nuclear, geothermal, biomass, hydrogen as an energy carrier with social and environmental impacts. Lecture 1 ½ hours, laboratory 4 ½ hours.

Limit: 24 **Abbr:** PowerGenDistriandUtilization **Offered:** W

TECH 476 Electronic and Computer Control Systems for Power, Energy and Transportation (3)
Prerequisites: TECH 370 or with consent of instructor. Theory and application of electronic and computer controls for power, energy and transportation systems. Includes circuits, sensors, signal conditioning, microprocessors, logic, programming, data acquisitions and system development. Lecture 1 ½ hours, laboratory 4 ½ hours.

Limit: 24 **Abbr:** CompuAidedManufactur **Offered:** F, S

TECH 478 Emerging Technologies in Power, Energy, and Transportation (3)
Prerequisite: TECH 370 or with consent of instructor. Varying content and topics relating to emerging power, energy, and transportation technologies. Includes research methodologies, proposal preparation, and investigation in individual, team, and class explorations. May be repeated up to 6 units. Lecture 1 ½ hours, laboratory 4 ½ hours.

Limit: 24 **Abbr:** EmerTechnoPowerEngerTransport **Offered:** F, S

TECH 491 Technology Education in the Middle Grades (4)
Prerequisite: TECH 384. Designing and implementing Technology Education programs consonant with current and future trends in the middle grades. Special emphasis on Explorations in Technology Education and learner-centered instruction. Innovative instructional practices.

Limit: 25 **Abbr:** TechEducaInTheMidGrade **Offered:** W

TECH 492 Technology Education in the High School (4)
Prerequisite: TECH 384. Provide students with the background and knowledge needed to implement Technology Education Programs at the high school level. Emphasis will be placed on standards-based curriculum development and instructional methods.

Limit: 25 Abbr: TechEducaInTheHighSchool **Offered:** W

TECH 493 Technology Education Facilities: Planning, Construction, Equipment, and Maintenance (3)
Prerequisite: TECH 384. Supervision of planning and construction, selection of equipment, and maintenance of educational facilities to support technology education programs at the middle school, high school and post secondary levels.

Limit: 25 **Abbr:** TechEduFacPlanConstrEquipMaint **Offered:** S

TECH 494 Industrial and Technology Education Curriculum (4)
Prerequisite: TECH 384. Curriculum development and instructional models for technology education programs at the middle school, high school and post secondary levels.

Limit: 25 **Abbr:** IndusTechnoEducaCurricu **Offered:** **S**

Course Modifications

BIOL 416 Molecular Genetics (4)
Change catalog description.

MUS 243A Class Piano Instruction IV (1)
Change course title and catalog description.

MUS 243B Class Piano Instruction V (1)
Change course title and catalog description.

MUS 243C Class Piano Instruction VI (1)
Change course title and catalog description.

TECH 421 Internetworking Technology (4)
Change course title and units.

TECH 422 Router Configurations (4)
Change course title and units.

TECH 460 Manufacturing, Materials, and Processes (3)
Change in course number from 381and change in course title.

TECH 495 Practicum in Industrial Technology (4)
Change in course number from 481.

Course Deletions
MUS 343A Class Piano Instruction (1)
MUS 343B Class Piano Instruction (1)
MUS 343C Class Piano Instruction (1)