EL CAMINO COLLEGE
MINUTES OF THE COLLEGE CURRICULUM COMMITTEE
MAY 14, 2013

Present: W. Brownlee, B. Carey, B. Flameno, L. Houske, S. Kushigemachi,
M. Lipe, E. Martinez, V. Nemie, D. Pahl, S. Rodriguez, J. Simon, J. Sims

Absent: F. Arce, E. French-Preston, D. Juarez

Ex-Officio Members Present: Q. Chapman, R. Klier, S. Montague-Jackson, L. Suekawa

Ex-Officio Members Absent: M. Hall, J. Romero-Reyes

Guests: M. Guess, C. Neumann, P. Sorunke

CALL TO ORDER
Chair Simon called the College Curriculum Committee (CCC) meeting to order at 2:35 p.m.

VICE PRESIDENT'S REPORT
F. Arce unavailable to attend the meeting.

APPROVAL OF MINUTES
The minutes from the March 12th and March 26th meetings were sent via email and approved.
P. Sorunke informed the committee the minutes from the April 23rd meeting requires one more vote of approval.

CURRICULUM REVIEW

Computer Science AS-T Degree – Live Vote
The committee raised a question of why the total units for the major at ECC are greater than the requirements listed in the Transfer Model Curriculum (TMC). Students are expected to complete a total of 35 units in the major which exceeds the TMC requirement of 28 units. Q. Chapman explained that ECC courses are 4 to 5 units compared to the TMC requirement of 3 to 4 units.

Chair Simon called for a motion to approve the Computer Science AS-T degree. W. Brownlee moved, V. Nemie seconded, and the motion was carried unanimously.

School Health Clerk Certificate of Achievement – Live Vote (Inactivation)
Q. Chapman informed the committee the Health Sciences and Athletics Division received concurrence from the Child Development and Nursing departments to inactivate the School Health Clerk certificate.

Chair Simon called for a motion to inactivate the certificate program. M. Lipe moved, B. Carey seconded, and the motion was carried unanimously.

Administration of Justice 12 (AJ 12) – Transportation and Boarder Security Management
C. Neumann of Industry and Technology provided a brief overview of AJ 12, one of three courses being offered at ECC for Transportation Security Administration (TSA) employees. Since there is a high demand for this course, TSA employees are being screened due to limited classroom space. ECC is planning to offer four sessions of this course in fall 2013, which will be taught by law enforcement professionals.

Chair Simon requested the department to update the course outline of record (COR) as follows:
- Delete the enrollment limitation.
- Correct the typographical errors in the Outcomes and Objectives section of the COR. Include justification on how does course fulfill goals and missions of the Administration of Justice program.
- Attach Student Learning Outcomes (SLOs) statement to COR.

Art 131– Lettering and Typography I
W. Brownlee of the Arts department has contacted the course author to update section III of the course outline of record to replace major topics XV and XVI "critique student projects" with "analysis and criticism."

Computer Science 16 – Assembly Language Programming
Chair Simon requested the Math department address the following concerns in the course outline of record:
- Review Conditions of Enrollment section and explain what is meant by "or equivalent"
- Attach Student Learning Outcomes (SLOs) statement to the course outline of record.

Dance 130A and Dance 230A – Modern Dance Technique I and II
W. Brownlee has contacted the course author to adjust the course outline of record (COR) with the recommendations made by M. Lipe as follows:
- Replace the recommended preparation of English 1A with a lower level English course.
- Attach SLOs statement to the course outline of record.
- Remove major topic VIII "final presentation evaluation and critique" from section III Outline of Subject Matter.
- Replace "requisite skill" with "recommend skill" and include a justification statement on entry skills page located in section VIII Conditions of Enrollment.

In addition to the recommendations made in the aforementioned paragraph, the textbook listed in the Text and Materials section of the COR for Dance 230A appears to be directed to beginner dancers and may not be appropriate for intermediate to advanced dancers.

Dance 250 – Pilates Mat Class
The committee noticed the course textbook is more than 5 years old and study hours need to be adjusted from 2 to 4 hours. W. Brownlee will contact the Fine Arts department to explain Title 5 rule on assigning textbooks.

English as a Second Language 03D – Reading and Writing Level IV
Chair Simon will contact the course author to adjust the course outline of record to replace "requisite skill" with "recommend skill" on entry skills page located in section VIII Conditions of Enrollment.

Human Development 20 – Navigating the Transfer Process
Based on L. Suekawa's suggestion, Chair Simon will contact the course author, Sue Oda Omori, to review the recommendations made by the Standard Review Committee.

Respiratory Care
The Health Sciences and Athletics Division submitted proposals for five respiratory care courses (Respiratory Care 284, 289, 290, 291, and 298). M. Lipe explained the courses were updated to separate lecture hours from "to be arranged" lab hours. In addition, the study hours were adjusted from 2 to 8 hours. The course outlines of records are now in compliance with "to be arranged" regulations/guidelines. The faculty will conduct course reviews during the next six-year review cycle.

SUMMARY

Full Program Review
The following degree was approved in CurricUNET and is ready for final action:
1. Computer Science AS-T Degree

The following degree inactivation was approved in CurricUNET and is ready for final action:
1. School Health Clerk Certificate of Achievement

Full Course Review
The following courses were approved in CurricUNET and are ready for final action:
1. Administrative of Justice 12 (AJ 12)
2. Art 131 (formerly ART 41ab)
3. Computer Science 16 (formerly CSCI 15P)
4. Dance 250 (formerly DANC 21abcd)
5. Human Development 20 (HDEV 20)
6. Physical Education 272 (PE 272)
7. Spanish 6 (SPAN 6)

Standard Review/Consent Agenda Proposals
The following courses were approved in CurricUNET and are ready for final action:
1. Biology 11 (BIOL 11)
2. Biology 103 (BIOL 103)
3. Chinese 21 (formerly CHIN 21ab)
4. Construction Technology 110 (CTEC 110)
5. Dance 130A (formerly DANC 42ab)
6. Dance 230A (formerly DANC 43abcd)
7. Engineering 9 (ENGR 9)

8. English 98 (formerly ENGL 98abcd)
9. English as a Second Language 03D (ESL 03D)
10. French 4 (FREN 4)
11. Geology 32 (GEOL 32)
12. Geology 36 (GEOL 36)
13. History 140 (HIST 140)
14. History 141(HIST 141)
15. Mathematics 23 (MATH 23)
16. Mathematics 25 (MATH 25)
17. Physics 2A (PHYS 2A)
18. Physics 2B (PHYS 2B)
19. Respiratory Care 284 (RC 284)
20. Respiratory Care 289 (RC 289)
21. Respiratory Care 290 (RC 290)
22. Respiratory Care 291 (RC 291)
23. Respiratory Care 298 (RC 298)

The following course inactivations were approved in CurricUNET and are ready for final action:
1. Biology 104 (BIOL 104)
2. Biotechnology 1 (BTEC 1)
3. Biotechnology 2 (BTEC 2)
4. Physical Education 282 (formerly PE 282abcd)
5. Physics 13 (PHYS 13)

CHAIR'S REPORT

Chair Simon informed the committee that Board Policy 4260 and Administrative Policy 4260 were approved by the Academic Senate and appear on the May Board Agenda. El Camino College will apply "content review only" standard for establishing prerequisites. A revised content review form and CCC Curriculum Handbook will be uploaded to the CurricUNET homepage soon.

CURRICULUM ADVISORY REPORT

Q. Chapman presented the committee with the Curriculum Review Timeline for fall 2013. The timeline will be updated at the end of the semester with the number of course reviews each division must complete by end of fall 2013. A copy of the revised timeline will be mailed to the committee and division deans during summer 2013. The course review goals for each division are expected to be close to this year's goal. It was advised the committee obtain DCC approval for proposals by October 18th to allow time for the CCC to address any concerns prior to the CCC approval cutoff date of December 3, 2013. In addition, proposed curriculum changes to the 2014-2015 college catalog must be CCC approved by December 3rd.

L. Suewaka reminded the committee the deadline for submitting CSU general education and Intersegmental General Education Transfer Curriculum (IGETC) courses for articulation review is December 2013. Articulation decisions are expected in April 2014 and approved courses become effective in the fall semester. The committee was advised to wait until ECC receives an official response before sharing information with students and faculty.

ADJOURNMENT
Chair Simon called for a motion to adjourn the meeting. L. Houske moved, J. Sims seconded, and the motion was carried. The meeting was adjourned at 3:40 p.m.

EL CAMINO COLLEGE

COLLEGE CURRICULUM COMMITTEE

May 14, 2013
Approved Curriculum Changes for 2014-2015

BEHAVIORAL AND SOCIAL SCIENCES

COURSE REVIEW; DISTANCE EDUCATION VERSION UPDATE

1. History 140 – History of Early Civilizations
2. History 141 – History of Modern Civilizations

COURSE REVIEW; DISTANCE EDUCATION UPDATE, CHANGES IN GRADING METHOD, CONDITIONS OF ENROLLMENT (Prerequisite, Corequisite, Recommended Preparation, or Enrollment Limitation)

1. Human Development 20 – Navigating the Transfer Process
   Current Status/Proposed Changes
   Recommended Preparation: English 84 or English as a Second Language 52C
   and English A or English as a Second Language 53C
   Grading Method: ~~Both~~ Letter

   Recommendation
   Recommended Preparation: English 84 or English as a Second Language 52C
   and English A or English as a Second Language 53C
   Grading Method: Letter

FINE ARTS

COURSE REVIEW; CHANGE IN DISCIPLINE

1. Art 131 (formerly Art 41ab) – Lettering and Typography I
   Current Status/Proposed Changes
   Course Discipline: ~~Art~~ Graphic Arts

   Recommendation
   Course Discipline: Graphic Arts

Note: All course number changes are effective Fall 2013. The AA-T/AS-T transfer degrees will be implemented upon Chancellor's Office approval.

COURSE REVIEW; CHANGES IN DISCRIPTIVE TITLE, CATALOG DESCRIPTION, CONDITIONS OF ENROLLMENT (Prerequisite, Corequisite, Recommended Preparation, or Enrollment Limitation)

Current Status/Proposed Changes
1. Dance 130A (formerly Dance 42ab) – Modern Dance <u>Technique</u> I
   Recommended Preparation: Dance ~~19AB~~ <u>110</u> or equivalent <u>and English A</u>

   This course is the first in a sequence of ~~two~~ <u>four</u> levels of modern dance. It focuses on the development of dance skills through modern dance movement, emphasizing combinations on the floor and standing or traveling through space. Creative expression is included through exploration of dance skills. Attendance is required at selected dance events.

   Note: Letter grade or pass/no pass option

   Recommendation
   Dance 130A – Modern Dance Technique I
   Recommended Preparation: Dance 110 or equivalent and English A

   This course is the first in a sequence of four levels of modern dance. It focuses on the development of dance skills through modern dance movement, emphasizing combinations on the floor and standing or traveling through space. Creative expression is included through exploration of dance skills. Attendance is required at selected dance events.

   Note: Letter grade or pass/no pass option

   Current Status/Proposed Changes
2. Dance 230A (formerly Dance 43abcd) – Modern Dance <u>Technique</u> II
   Prerequisite: ~~One semester of~~ Dance ~~42AB~~ <u>130B</u> with a minimum grade of C or equivalent

   <u>Recommended Preparation: English A</u>

   This ~~is a~~ modern dance course ~~at the intermediate level. It~~ <u>is the third in a series of four levels. This is an intermediate/advanced level class that</u> further develops the student's ability to use the body as an instrument of expression, with emphasis on

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performance skills, technique related to specific modern dance styles, and dance as a concert art form. Attendance at selected dance events is required.

Note: Letter grade or pass/no pass option

Recommendation
Dance 230A – Modern Dance Technique II
Prerequisite: Dance 130B with a minimum grade of C or equivalent

Recommended Preparation: English A

This modern dance course is the third in a series of four levels. This is an intermediate/advanced level class that further develops the student's ability to use the body as an instrument of expression, with emphasis on performance skills, technique related to specific modern dance styles, and dance as a concert art form. Attendance at selected dance events is required.

Note: Letter grade or pass/no pass option

COURSE REVIEW; CHANGES IN UNITS, LECTURE HOURS, FACULTY LOAD

1. Dance 250 (formerly Dance 21abcd) – Pilates Mat Class
   Current Status/Proposed Changes
   Units: ~~2.0~~ 3.0   Lecture: ~~1.0~~ 2.0   Hours Lab: 3.0   Faculty Load: ~~21.67~~ 28.33%

   Recommendation
   Units: 3.0   Lecture: 2.0   Hours Lab: 3.0   Faculty Load: 28.33%

HEALTH SCIENCES AND ATHLETICS

COURSE REVIEW; CHANGE IN CONDITIONS OF ENROLLMENT
(Prerequisite, Corequisite, Recommended Preparation, or Enrollment Limitation)

1. Physical Education 272 – Care and Prevention of Athletic Injuries
   Current Status/Proposed Changes
   Recommended Preparation: eligibility for ~~English A or English 84~~ English 1A

Note: All course number changes are effective Fall 2013. The AA-T/AS-T transfer degrees will be implemented upon Chancellor's Office approval.

Recommendation
Recommended Preparation: eligibility for English 1A

LAB TBA CONTACT HOURS UPDATE

1. Respiratory Care 284 – Respiratory Care of the Critically Ill Patient III
2. Respiratory Care 289 – Advanced Respiratory Care of the Asthmatic Patient
3. Respiratory Care 290 – Advanced Specialty Respiratory Gases

4. Respiratory Care 291 – Advanced Specialty Ventilators and Specialized Oxygen Delivery Devices
5. Respiratory Care 298 – Advanced Emergency Management

INACTIVATE CERTIFICATE

1. School Health Clerk Certificate of Achievement

INACTIVATE COURSE

1. Physical Education 282 (formerly PE 282abcd) – Primary Prevention of Cardiovascular and Related Diseases

HUMANITIES

COURSE REVIEW

1. English 98 (formerly 98abcd) – College Literary Magazine Editing and Publishing

COURSE REVIEW; CHANGE IN CATALOG DESCRIPTION

1. English as a Second Language 03D – Reading and Writing Level IV
   Current Status/Proposed Changes
   This ~~Level IV~~ <u>advanced</u> reading and writing course is designed to provide students with strategies to improve reading comprehension and writing skills. Reading practice activities will be presented to increase vocabulary, <u>to</u> use context for

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determining meaning of texts, and <u>to</u> develop critical thinking skills. In writing, students will study a variety of grammatical structures and transitional expressions to help generate simple expository paragraphs.

Recommendation
This advanced reading and writing course is designed to provide students with strategies to improve reading comprehension and writing skills. Reading practice activities will be presented to increase vocabulary, to use context for determining meaning of texts, and to develop critical thinking skills. In writing, students will study a variety of grammatical structures and transitional expressions to help generate simple expository paragraphs.

2. French 4 – Intermediate French II
Current Status/Proposed Changes
This course, taught within the context of French culture, is a continuation of the study of essential French grammar and formal composition. Through oral and written practice, students further expand their French vocabulary and use of idiomatic expressions. Students read ~~materials of representative French authors and~~ <u>francophone writings and</u> participate in daily conversations.

Recommendation
This course, taught within the context of French culture, is a continuation of the study of essential French grammar and formal composition. Through oral and written practice, students further expand their French vocabulary and use of idiomatic expressions. Students read francophone writings and participate in daily conversations.

COURSE REVIEW; CHANGE IN CONDITIONS OF ENROLLMENT (Prerequisite, Corequisite, Recommended Preparation, or Enrollment Limitation)

1. Spanish 6 – Advanced Spanish II
Current Status/Proposed Changes
Prerequisite: Spanish 4 <u>5</u> with a minimum grade of C or equivalent

Recommendation
Prerequisite: Spanish 5 with a minimum grade of C or equivalent

Note: All course number changes are effective Fall 2013. The AA-T/AS-T transfer degrees will be implemented upon Chancellor's Office approval.

COURSE REVIEW

1. Chinese 21(formerly Chinese 21ab) – Beginning Conversational Chinese

INDUSTRY AND TECHNOLOGY

NEW COURSE

1. Administration of Justice 12 – Transportation and Border Security Management
   Units: 3.0   Lecture: 3.0   Hours Lab: 0   Faculty Load: 20.00%
   Recommended Preparation: Administration of Justice 11
   Grading Method: Letter
   Credit Status: Associate Degree Credit

   This course provides an overview of modern border and transportation security challenges. Different methods designed to address these challenges will be explored. The course covers a time period from post 9/11 to present. Topics associated with border security and security for transportation infrastructure includes: ships, aircraft, railways, pipelines, and highways are examined. Additional topics covered will include a study of the technological solutions employed to enhance security of borders and transportation systems. Students will be required to discuss the legal, economic, political, and cultural concerns and impacts associated with transportation and border security.

COURSE REVIEW

1. Construction Technology 110 – Additions and Remodeling

MATHEMATICAL SCIENCES

COURSE REACTIVATION; CHANGES IN COURSE NUMBER, CONDITIONS OF ENROLLMENT (Prerequisite, Corequisite, Recommended Preparation, or Enrollment Limitation)

1. Computer Science ~~15P~~ 16 – Assembly Language Programming for the IBM PC and Compatibles

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Note: All course number changes are effective Fall 2013. The AA-T/AS-T transfer degrees will be implemented upon Chancellor's Office approval.

Current Status/Proposed Changes

Units: 4.0   Lecture: 3.0   Hours Lab: 3.0   Faculty Load: 35.00%
Prerequisite: Computer Science 1 or ~~5~~ 3 ~~or Computer Science 10~~ or Computer Information Systems 80 with a minimum grade of C in prerequisite <u>or equivalent</u> and Mathematics 180 with a minimum grade of C or concurrent enrollment
Grading Method: Letter
Credit Status: Associate Degree Credit
Transfer CSU and UC

This course includes detailed coverage of Assembly Language programming, based on the IBM compatible personal computer. Topics include hexadecimal arithmetic, two's complement arithmetic, memory organization, addressing modes, procedure calls, the stackframe, macros, calling assembly language procedures from Pascal or C/C++, recursion, BIOS and DOS interrupts, the floating point unit and instructions, and the debugger.

Recommendation

Computer Science 16 – Assembly Language Programming for the IBM PC and Compatibles
Units: 4.0   Lecture: 3.0   Hours Lab: 3.0   Faculty Load: 35.00%
Prerequisite: Computer Science 1 or 3 or Computer Information Systems 80 with a minimum grade of C in prerequisite or equivalent and Mathematics 180 with a minimum grade of C or concurrent enrollment
Grading Method: Letter
Credit Status: Associate Degree Credit
Transfer CSU and UC

This course includes detailed coverage of Assembly Language programming, based on the IBM compatible personal computer. Topics include hexadecimal arithmetic, two's complement arithmetic, memory organization, addressing modes, procedure calls, the stackframe, macros, calling assembly language procedures from Pascal or C/C++, recursion, BIOS and DOS interrupts, the floating point unit and instructions, and the debugger.

COURSE REVIEW

1. Engineering 9 – Engineering Mechanics - Statics

Note: All course number changes are effective Fall 2013. The AA-T/AS-T transfer degrees will be implemented upon Chancellor's Office approval.

COURSE REVIEW; CHANGE IN CONDITIONS OF ENROLLMENT
(Prerequisite, Corequisite, Recommended Preparation, or Enrollment Limitation)

1. Mathematics 23 – Pre-Algebra
   Current Status/Proposed Changes
   Prerequisite: ~~Mathematics 10B or~~ Mathematics 12 with a minimum grade of C ~~in prerequisite~~ or qualification by testing (El Camino College Mathematics Placement Test) and assessment

   Recommendation
   Prerequisite: Mathematics 12 with a minimum grade of C or qualification by testing (El Camino College Mathematics Placement Test) and assessment

2. Mathematics 25 – Pre-Algebra Review
   Current Status/Proposed Changes
   Prerequisite: ~~Mathematics 10B or~~ Mathematics 12 with a minimum grade of C ~~in prerequisite~~ or qualification by testing (El Camino College Mathematics Placement Test) and assessment

   Recommendation
   Prerequisite: Mathematics 12 with a minimum grade of C or qualification by testing (El Camino College Mathematics Placement Test) and assessment

NEW MAJOR

1. Associate in Science in Computer Science for Transfer (AS-T)
   The computer science program provides students with the fundamental programming design principles for a career in computer science, and is suitable for the student who plans to transfer and major in computer science. Students will acquire a working knowledge of data structures and their applications in solving numeric and non-numeric problems. The student will write programs using an object-oriented language such as C++ or Java, and assembly computer languages. All courses have a mandatory computer laboratory component requiring students to apply knowledge of the concepts from the lecture. Competencies are assessed regularly through examinations in the lecture component and through evaluation of computer laboratory activities.

Note: All course number changes are effective Fall 2013. The AA-T/AS-T transfer degrees will be implemented upon Chancellor's Office approval.

The Associate in Science for Transfer (AS-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing the AS-T are given priority consideration for admission to the CSU system, but not to a particular campus or major. In order to earn an AS-T degree, students must complete:

1) a minimum of 18 semester units in the major
2) 60 required semester units of CSU-transferable coursework with a minimum GPA of 2.0
3) the CSU General Education Breadth requirements or Intersegmental General Education Transfer Curriculum (IGETC)

Students who have completed the AS-T will have a strong academic foundation in the field and will be prepared for upper division baccalaureate study at the university. The coursework will satisfy most of the lower-division requirements at many institutions within the California State University system. Students transferring to a UC, private, or out of state university should consult with an El Camino College counselor when planning to complete the degree since transfer requirements may be slightly different than those required for the AS-T.

Major Requirements		Units
CSCI 1	Problem Solving and Program Design Using C++	4
CSCI 2	Introduction to Data Structures	5
CSCI 16	Assembly Language Programming for the IBM PC and Compatibles	4
MATH 210	Introduction to Discrete Structures	4
MATH 190	Single Variable Calculus and Analytic Geometry I	5
MATH 191	Single Variable Calculus and Analytic Geometry II	5
PHYS 1A	Mechanics of Solids	4
PHYS 1C	Electricity and Magnetism	4

Total Units: 35

NATURAL SCIENCES
COURSE REVIEW

1. Biology 11 – Fundamentals of Zoology
2. Biology 103 – Fundamentals of Molecular Biology
3. Geology 32 – Geology Laboratory of Owens Valley and Sierra Nevada
4. Geology 36 – Geology Laboratory of Coastal California

Note: All course number changes are effective Fall 2013. The AA-T/AS-T transfer degrees will be implemented upon Chancellor's Office approval.

COURSE REVIEW; CHANGE IN CATALOG DESCRIPTION

1. Physics 2A – General Physics
Current Status/Proposed Changes
~~The~~ This course is part of a one-year algebra- and trigonometry-based survey of ~~kinematics~~ physics. Topics covered include kinematics, statics, dynamics, momentum, energy, rotation, gravitation and planetary motion, fluids, kinetic theory of gases, and thermodynamics. In addition, the course covers elasticity and vibration, wave motion, interference, standing waves, and sound.

   Recommendation
   This course is part of a one-year algebra- and trigonometry-based survey of physics. Topics covered include kinematics, statics, dynamics, momentum, energy, rotation, gravitation and planetary motion, fluids, kinetic theory of gases, and thermodynamics. In addition, the course covers elasticity and vibration, wave motion, interference, standing waves, and sound.

2. Physics 2B – General Physics
Current Status/Proposed Changes
~~The~~ This course is part of a one-year algebra- and trigonometry-based survey of ~~electric force~~ physics. Topics covered include electric forces and fields, ~~electric field,~~ electric energy, electric circuits, ~~electromagnetism~~ magnetism, ~~applied electricity,~~ electromagnetic waves, geometric optics, wave optics, applied optics, relativity, electrons and photons, atomic structure, the nucleus, applied nuclear physics, and particle physics.

   Recommendation
   This course is a part of a one-year algebra- and trigonometry-based survey of physics. Topics covered include electric forces and fields, electric energy, electric circuits, magnetism, electromagnetic waves, geometric optics, wave optics, applied optics, relativity, electrons and photons, atomic structure, the nucleus, applied nuclear physics, and particle physics.

INACTIVATE COURSES

1. Biology 104 – Molecular Biology Laboratory
2. Biotechnology 1 – Basic Techniques of Biological Technology
3. Biotechnology 2 – Advanced Techniques of Biological Technology
4. Physics 13 – Quantitative Aspects of Elementary Physics

Note: All course number changes are effective Fall 2013. The AA-T/AS-T transfer degrees will be implemented upon Chancellor's Office approval.