

EL CAMINO COLLEGE
MINUTES OF THE COLLEGE CURRICULUM COMMITTEE
April 28, 2015

CALL TO ORDER

Meeting called to order at 2:40 p.m. by Chair Lipe.

Members:

Present: W. Brownlee, T. Bui, A. Carr, A. Cornelio, A. Hockman, M. Lipe, V. Nemie, D. Pahl

Absent: F. Arce, S. Bartiromo, S. Bosfield, B. Flameno, E. French-Preston, L. Houske, R. Klier

Ex-Officio Members:

Present: Q. Chapman, L. Suekawa

Absent: K. Nakao, L. Young

Guests: V. Bruce, C. Fitzsimons, S. Rodriguez, J. Shankweiler, P. Sorunke, J. Young

VICE PRESIDENT'S REPORT

Vice President Academic Affairs – Dr. Arce – Absent

APPROVAL OF MINUTES

The minutes of the College Curriculum Committee meeting of March 10, 2015, were sent via email and approved by the committee.

CURRICULUM REVIEW

A. Full Program Review

The following program was reviewed and is ready for final action:

1. Theatre Arts AA-T Degree

B. Full Course Review

The following courses were reviewed and are ready for final action:

1. Astronomy 25 (ASTR 25)
2. Education 101 (EDUC 101)
3. Education 201 (EDUC 201)
4. Fashion 29 (FASH 29)
5. Theatre 188 (THEA 188)

C. Standard Review/Consent Agenda Proposals

The following courses were reviewed and are ready for final action:

1. Architecture 119 (ARCH 119)
2. Automotive Collision Repair/Painting 20 (ACRP 20)
3. Automotive Collision Repair/Painting 22 (ACRP 22)
4. Automotive Collision Repair/Painting 24 (ACRP 24)
5. Academic Strategies 1 (AS 1)
6. Academic Strategies 22 (AS 22)
7. Chemistry 7A (CHEM 7A)

8. Child Development 154 (CDEV 154)
9. Construction Technology 200 (CTEC 200)
10. Construction Technology 201 (CTEC 201)
11. Construction Technology 202 (CTEC 202)
12. Construction Technology 203 (CTEC 203)
13. Construction Technology 210 (CTEC 210)
14. Construction Technology 211 (CTEC 211)
15. Construction Technology 212 (CTEC 212)
16. Construction Technology 213 (CTEC 213)
17. Construction Technology 220 (CTEC 220)
18. Construction Technology 221 (CTEC 221)
19. Dance 103 (DANC 103)
20. Electronics and Computer Hardware Technology 140 (ECHT 140)
21. Electronics and Computer Hardware Technology 142 (ECHT 142)
22. Electronics and Computer Hardware Technology 144 (ECHT 144)
23. Electronics and Computer Hardware Technology 146 (ECHT 146)
24. Electronics and Computer Hardware Technology 148 (ECHT 148)
25. English A (ENGL A)
26. Engineering 1 (ENGR 1)
27. Horticulture 41 (HORT 41)
28. Horticulture 44 (HORT 44)
29. Journalism 11abcd (JOUR 11abcd)
30. Physical Education 3 (PE 3)

The following course inactivations were reviewed and are ready for final action:

1. Fashion 17 (FASH 17)
2. Fashion 24 (FASH 24)
3. Fire and Emergency Technology 60A (FTEC 60A)
4. Fire and Emergency Technology 60B (FTEC 60B)
5. Fire and Emergency Technology 60C (FTEC 60C)
6. Fire and Emergency Technology 60D (FTEC 60D)
7. Fire and Emergency Technology 60F (FTEC 60F)
8. Fire and Emergency Technology 60G (FTEC 60G)

CURRICULUM DISCUSSION

A. Full Course Review Proposal

Behavioral and Social Sciences Division

Motion: Moved by A. Cornelio, and seconded by A. Hockman to approve Education 101 and Education 201 proposals.

Vote: Motion carried unanimously

Motion: Moved by W. Brownlee, and seconded by A. Hockman to approve new distance education courses for Education 101 and Education 201.

Vote: Motion carried unanimously

Fine Arts Division

Motion: Moved by W. Brownlee, and seconded by V. Nemie to approve proposals for Theatre 188 and Theatre Arts AA-T.

Vote: Motion carried unanimously

Industry and Technology Division

Fashion 29 – Computer Pattern Design/Patternmaking

Edit *Conditions of Enrollment* in the Course Checklist: Provide a justification statement for the non-course prerequisite to support the statement "Fashion 26A with a minimum grade of C or equivalent."

Motion: Moved by A. Carr, and seconded by D. Pahl to approve Fashion 29 proposal.

Vote: Motion carried unanimously

Natural Sciences Division

The committee made a recommendation to revise the last sentence in the catalog description. T. Bui will contact P. Hacking for his concurrence.

Motion: Moved by A. Carr, and seconded by A. Hockman to approve Astronomy 25 proposal.

Vote: Motion carried unanimously

B. Standard Review/Consent Agenda Proposals

Motion: Moved by W. Brownlee, and seconded by V. Nemie to approve the new distance education course for Dance 103 and the standard review/consent agenda proposals (30 course review proposals and 8 inactivation proposals).

Vote: Motion carried unanimously

CHAIR'S REPORT

Chair Lipe provided an overview of the active participatory courses and related families.

ADVISORY REPORT

Curriculum Advisor Q. Chapman reminded the committee that the division curriculum plans for fall 2015 are due by May 5.

ADJOURNMENT

Chair Lipe called a motion to adjourn the meeting. T. Bui moved, V. Nemie seconded, and the motion carried. The meeting adjourned at 3:30 p.m.

**EL CAMINO COLLEGE
COLLEGE CURRICULUM COMMITTEE
April 28, 2015
Approved Curriculum Changes for 2016-2017**

BEHAVIORAL AND SOCIAL SCIENCES

**CTE TWO-YEAR COURSE REVIEW; DISTANCE EDUCATION UPDATE,
CHANGES IN CONDITIONS OF ENROLLMENT (Pre/Corequisite,
Recommended Preparation, or Enrollment Limitation)**

1. Child Development 154 – Role and Responsibilities of the Special Education Assistant

Current Status/Proposed Changes

Recommended Preparation: eligibility for English 1A

Recommendation

Recommended Preparation: eligibility for English 1A

**COURSE REVIEW; CHANGES IN CONDITIONS OF ENROLLMENT
(Pre/Corequisite, Recommended Preparation, or Enrollment Limitation)**

1. Education 101 – Introduction to the Field of Education

Current Status/Proposed Changes

Recommended Preparation: eligibility for English 1A

Recommendation

Recommended Preparation: eligibility for English 1A

COURSE REVIEW; CHANGE IN CATALOG DESCRIPTION

1. Education 201 – Foundations in Education

Current Status/Proposed Changes

This course introduces students to concepts and issues related to teaching children with diverse backgrounds in preschool through grade twelve. Course topics include teaching as a profession and career, contemporary educational issues, California's content and performance standards, and credential requirements. Throughout the course, students will contribute materials to their portfolios and will also conduct a minimum of ~~30~~ 45 hours of pre-approved, structured fieldwork in diverse classroom settings.

Recommendation

This course introduces students to concepts and issues related to teaching children with diverse backgrounds in preschool through grade twelve. Course topics include teaching as a profession and career, contemporary educational issues, California's content and performance standards, and credential requirements. Throughout the course, students will contribute materials to their portfolios and will also conduct a minimum of 45 hours of pre-approved, structured fieldwork in diverse classroom settings.

NEW DISTANCE EDUCATION COURSE VERSION

1. Education 101 – Introduction to the Field of Education
2. Education 201 – Foundations in Education

FINE ARTS

COURSE REVIEW

1. Dance 103 – History of Dance in the 20th Century

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

1. Theatre 188 – Fundamentals of Stage Makeup

Current Status/Proposed Changes

Units: ~~2.0~~ 3.0 Lecture hours: ~~4.0~~ 2.0 Lab hours: 3.0 Faculty Load: ~~6.67%~~
13.33%

Recommendation

Units: 3.0 Lecture hours: 2.0 Lab hours: 3.0 Faculty Load: 13.33%

NEW DISTANCE EDUCATION COURSE VERSION

1. Dance 103 – History of Dance in the 20th Century

CHANGE IN MAJOR; CHANGES IN PROGRAM DESCRIPTION, COURSE REQUIREMENTS

1. Theatre Arts AA-T Degree

Current Status/Proposed Changes

The theatre program provides students with a comprehensive foundation in theatre, history, practice of theatre, and entertainment lighting. This is fulfilled through a structured program of theatre study in the areas of history, dramatic literature, acting, performance, technical theatre, entertainment lighting, and related crafts. Students will demonstrate their proficiency through acting competency, public performance, research papers, essays, class projects, and technical crew assignments. Program assessment is measured by public performances, program completion, transferability, and periodic program review. Students qualify to pursue a variety of theatre and entertainment related careers and advanced degree options. This program prepares students to transfer to a CSU and major in Theatre, Theatre Arts, or Drama.

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

- ~~1) a minimum of 18 semester units in the major with a grade of C or better~~
- ~~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)~~

- 1) Completion of 60 semester units that are eligible for transfer to the California State University.
- 2) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
- 3) A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.
- 4) Obtainment of a minimum grade point average of 2.0.
- 5) A grade of “C” or better in all courses required for the major or area of emphasis.

Students who have completed the AA-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 AA-T.

Major Requirements		Units
Required Core: 9 units		
THEA 103	Theatre Appreciation	3
THEA 114	Fundamentals of Acting	3
Maximum 3 units in Rehearsal and Performance or Technical Theatre Practicum courses		
THEA 175ABCD	Student Performance/Production Workshop	1
THEA 197ABCD	Technical Theatre Production	1
THEA 270ABCD	Beginning Theatre Production	1
THEA 274ABCD	Musical Theatre Production	1
THEA 297AB	Advanced Technical Theatre Production	1

List A (select three): 9 units

If not used in core requirements, select maximum 3 units from Rehearsal and Performance or Technical Theatre courses.

THEA 104	Dramatic Literature	3
THEA 175ABCD	Student Performance/Production Workshop	1
THEA 184	Stagecraft	3
THEA 185	Introduction to Stage Lighting	3
THEA 188	Fundamentals of Stage Makeup	2 3
THEA 189	Costuming for the Stage	3
THEA 197ABCD	Technical Theatre Production	1
THEA 214A	Intermediate Acting	3
THEA 270ABCD	Beginning Theatre Production	1
THEA 274ABCD	Musical Theatre Production	1
THEA 297AB	Advanced Technical Theatre Production	1
Total Units: 18		

Recommendation

The theatre program provides students with a comprehensive foundation in theatre, history, practice of theatre, and entertainment lighting. This is fulfilled through a structured program of theatre study in the areas of history, dramatic literature, acting, performance, technical theatre, entertainment lighting, and related crafts. Students will demonstrate their proficiency through acting competency, public performance, research papers, essays, class projects, and technical crew assignments. Program assessment is measured by public performances, program completion, transferability, and periodic program review. Students qualify to pursue a variety of theatre and

entertainment related careers and advanced degree options. This program prepares students to transfer to a CSU and major in Theatre, Theatre Arts, or Drama.

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

- 1) Completion of 60 semester units that are eligible for transfer to the California State University.
- 2) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
- 3) A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.
- 4) Obtainment of a minimum grade point average of 2.0.
- 5) A grade of “C” or better in all courses required for the major or area of emphasis.

Students who have completed the AA-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 AA-T.

Major Requirements		Units
Required Core: 9 units		
THEA 103	Theatre Appreciation	3
THEA 114	Fundamentals of Acting	3
Maximum 3 units in Rehearsal and Performance or Technical Theatre Practicum courses		
THEA 175ABCD	Student Performance/Production Workshop	1
THEA 197ABCD	Technical Theatre Production	1
THEA 270ABCD	Beginning Theatre Production	1
THEA 274ABCD	Musical Theatre Production	1
THEA 297AB	Advanced Technical Theatre Production	1
List A (select three): 9 units		
If not used in core requirements, select maximum 3 units from Rehearsal and Performance or Technical Theatre courses.		
THEA 104	Dramatic Literature	3
THEA 175ABCD	Student Performance/Production Workshop	1
THEA 184	Stagecraft	3

THEA 185	Introduction to Stage Lighting	3
THEA 188	Fundamentals of Stage Makeup	3
THEA 189	Costuming for the Stage	3
THEA 197ABCD	Technical Theatre Production	1
THEA 214A	Intermediate Acting	3
THEA 270ABCD	Beginning Theatre Production	1
THEA 274ABCD	Musical Theatre Production	1
THEA 297AB	Advanced Technical Theatre Production	1
Total Units: 18		

HEALTH SCIENCES AND ATHLETICS

COURSE REVIEW

1. Physical Education 3 – Boot Camp Fitness Training

HUMANITIES

COURSE REVIEW

1. Academic Strategies 1 – Individualized Academic Strategies
2. Academic Strategies 22 – Vocabulary Building for College Students
3. English A –Writing the College Essay

CTE TWO-YEAR COURSE REVIEW; CHANGES IN CATALOG DESCRIPTION

1. Journalism 11abcd – Newspaper Publication

Current Status/Proposed Changes

This course provides instruction and laboratory experience in the writing, assembling, designing, and publishing of the college newspaper. Students receive experience in news, feature, opinion, review and sports writing as well as learn computer software programs to produce all aspects of the student newspaper. All students enrolled in this course produce content for scholastic competition on the regional, state, and national level.

Recommendation

This course provides instruction and laboratory experience in the writing, assembling, designing, and publishing of the college newspaper. Students receive experience in news, feature, opinion, review and sports writing as well as learn computer software

programs to produce all aspects of the student newspaper. All students enrolled in this course produce content for scholastic competition on the regional, state, and national level.

INDUSTRY AND TECHNOLOGY

CTE TWO-YEAR COURSE REVIEW

1. Architecture 119 – Computer Aided Architectural Drafting
2. Automotive Collision Repair/Painting 24 – Automotive Collision Analysis
3. Electronics and Computer Hardware Technology 140 – Computer Systems and Hardware Technologies I
4. Electronics and Computer Hardware Technology 142 – Computer Systems and Hardware Technologies II
5. Electronics and Computer Hardware Technology 146 – CompTIA Network+ Certification Preparation for Computer Hardware Systems
6. Electronics and Computer Hardware Technology 148 – CompTIA Security+ Certification Preparation for Computer Hardware Systems
7. Fashion 29 – Computer Pattern Design/Patternmaking

CTE TWO-YEAR COURSE REVIEW; CHANGE IN DESCRIPTIVE TITLE

Current Status/Proposed Changes

1. Electronics and Computer Hardware Technology 144 – CompTIA A+ Certification Preparation for Computer Hardware Systems

Recommendation

Electronics and Computer Hardware Technology 144 – CompTIA A+ Certification Preparation for Computer Hardware Systems

CTE TWO-YEAR COURSE REVIEW; CHANGES IN CATALOG DESCRIPTION

1. Automotive Collision Repair/Painting 20 – Automotive Collision Investigation
Current Status/Proposed Changes
This is an introductory course in automotive collision investigation designed for students preparing for employment in the fields of automotive collision repair, automotive insurance investigation, and accident reconstruction. Emphasis is placed upon vehicle identification, vehicle design and construction, occupant restraint

systems, tire identification and construction, identification of ~~skidmarks~~ tire marks, the coefficient of friction, and speed from skid formulas.

Recommendation

This is an introductory course in automotive collision investigation designed for students preparing for employment in the fields of automotive collision repair, automotive insurance investigation, and accident reconstruction. Emphasis is placed upon vehicle identification, vehicle design and construction, occupant restraint systems, tire identification and construction, identification of tire marks, the coefficient of friction, and speed from skid formulas.

2. Automotive Collision Repair/Painting 22 – Automotive Repair Fraud

Current Status/Proposed Changes

This course covers the elements of fraud encountered in the automotive repair industry and is designed to prepare students for employment in the fields of automotive collision repair, automotive insurance investigation, and accident reconstruction. ~~Topics covered include~~ fraud detection, investigation procedures and collection of evidence related to staged traffic accidents, Vehicle Identification Number (VIN) swapping, title washing, VIN cloning, National Highway Traffic Safety Administration (NHTSA), Federal Motor Vehicle Safety Standards, National Insurance Crime Bureau (NICB), automotive insurance industry, fraud detection and investigation procedures, collection of evidence, witness marks and material transfer, identification and implications of prior damage, vehicle crush analysis, traffic accident photography, vehicle lamp analysis, and vehicle fires. fraud, and auto insurance fraud.

Recommendation

This course covers the elements of fraud encountered in the automotive repair industry and is designed to prepare students for employment in the fields of automotive collision repair, automotive insurance investigation, and accident reconstruction. Topics include fraud detection, investigation procedures and collection of evidence related to staged traffic accidents, Vehicle Identification Number (VIN) fraud, and auto insurance fraud.

CTE TWO-YEAR COURSE REVIEW; CHANGES IN CATALOG DESCRIPTION NOTE

1. Construction Technology 200 – General Cabinet Making

Current Status/Proposed Changes

This course is one in a series of courses designed for students to develop a solid background in the fundamentals of woodworking technology. Students will learn to operate stationary woodworking equipment, hand held power tools and sanding

equipment safely. Topics include lumber characteristics, gluing and clamping techniques, filing and chiseling, and fasteners. Students will fabricate free standing woodworking projects.

Note: ~~Four years of journey level experience is required to be eligible to take the California State Contractor's License for~~ Completion of the degree or certificate requirements qualifies students to receive a maximum of two years credit toward the California State Contractor's License for the C-6 Cabinet, Millwork and Finish Carpentry examination. Credit toward the four year requirement is given for construction technology courses.

Recommendation

This course is one in a series of courses designed for students to develop a solid background in the fundamentals of woodworking technology. Students will learn to operate stationary woodworking equipment, hand held power tools and sanding equipment safely. Topics include lumber characteristics, gluing and clamping techniques, filing and chiseling, and fasteners. Students will fabricate free standing woodworking projects.

Note: Completion of the degree or certificate requirements qualifies students to receive a maximum of two years credit toward the California State Contractor's License for the C-6 Cabinet, Millwork and Finish Carpentry examination.

2. Construction Technology 201 – Upper Residential Cabinets

Current Status/Proposed Changes

This course is one in a series of courses designed for students to develop a solid background in the fundamentals of woodworking technology. Topics covered include properties of wood and wood products, and the fabrication and installation of upper residential cabinets. Students will learn construction techniques and the multiple support systems used to attach wall or ceiling mounted cabinets.

Note: ~~Four years of journey level experience is required to be eligible to take the California State Contractor's License for~~ Completion of the degree or certificate requirements qualifies students to receive a maximum of two years credit toward the California State Contractor's License for the C-6 Cabinet, Millwork and Finish Carpentry examination. Credit toward the four year requirement is given for construction technology courses.

Recommendation

This course is one in a series of courses designed for students to develop a solid background in the fundamentals of woodworking technology. Topics covered include properties of wood and wood products, and the fabrication and installation of upper

residential cabinets. Students will learn construction techniques and the multiple support systems used to attach wall or ceiling mounted cabinets.

Note: Completion of the degree or certificate requirements qualifies students to receive a maximum of two years credit toward the California State Contractor's License for the C-6 Cabinet, Millwork and Finish Carpentry examination.

3. Construction Technology 202 – Base Residential Cabinets

Current Status/Proposed Changes

This course is one in a series of courses designed for students to develop a solid background in the fundamentals of woodworking technology. Topics covered include properties of wood and wood products, and the fabrication and installation of base residential cabinets. Students will learn correct construction techniques for load bearing cabinets, appropriate use of toe kicks, and use of sub tops for multiple types of counter top materials.

Note: ~~Four years of journey level experience is required to be eligible to take the California State Contractor's License for~~ Completion of the degree or certificate requirements qualifies students to receive a maximum of two years credit toward the California State Contractor's License for the C-6 Cabinet, Millwork and Finish Carpentry examination. ~~Credit toward the four year requirement is given for construction technology courses.~~

Recommendation

This course is one in a series of courses designed for students to develop a solid background in the fundamentals of woodworking technology. Topics covered include properties of wood and wood products, and the fabrication and installation of base residential cabinets. Students will learn correct construction techniques for load bearing cabinets, appropriate use of toe kicks, and use of sub tops for multiple types of counter top materials.

Note: Completion of the degree or certificate requirements qualifies students to receive a maximum of two years credit toward the California State Contractor's License for the C-6 Cabinet, Millwork and Finish Carpentry examination.

4. Construction Technology 203 – Dedicated Use Cabinets

Current Status/Proposed Changes

This course is one in a series of courses designed for students to develop a solid background in the fundamentals of woodworking technology. Topics covered include properties of wood products, and fabrication and installation of residential dedicated use cabinets. Students will learn correct construction techniques for specialty cabinets such as built in oven, appliance garage, pantry, and wine storage.

~~Note: Four years of journey level experience is required to be eligible to take the California State Contractor's License for Completion of the degree or certificate requirements qualifies students to receive a maximum of two years credit toward the California State Contractor's License for the C-6 Cabinet, Millwork and Finish Carpentry examination. Credit toward the four year requirement is given for construction technology courses.~~

Recommendation

This course is one in a series of courses designed for students to develop a solid background in the fundamentals of woodworking technology. Topics covered include properties of wood products, and fabrication and installation of residential dedicated use cabinets. Students will learn correct construction techniques for specialty cabinets such as built in oven, appliance garage, pantry, and wine storage.

Note: Completion of the degree or certificate requirements qualifies students to receive a maximum of two years credit toward the California State Contractor's License for the C-6 Cabinet, Millwork and Finish Carpentry examination.

5. Construction Technology 210 – Furniture Making Laboratory - Interpreting Commercial Plans

Current Status/Proposed Changes

This course is one in a series of courses that will give students the opportunity to develop problem solving advanced skills in the design and fabrication of furniture with an emphasis on interpreting commercial plans. Students will learn how to read and understand furniture construction plans. Topics will include the meaning of symbols and calculations, reading dimensions, and verifying accuracy of stacked dimensions in relationship to the overall dimension. Students will produce a furniture piece without any deviation from the original plans.

~~Note: Four years of journey level experience is required to be eligible to take the California State Contractor's License for Completion of the degree or certificate requirements qualifies students to receive a maximum of two years credit toward the California State Contractor's License for the C-6 Cabinet, Millwork and Finish Carpentry examination. Credit toward the four year requirement is given for construction technology courses.~~

Recommendation

This course is one in a series of courses that will give students the opportunity to develop problem solving advanced skills in the design and fabrication of furniture with an emphasis on interpreting commercial plans. Students will learn how to read and understand furniture construction plans. Topics will include the meaning of symbols and calculations, reading dimensions, and verifying accuracy of stacked

dimensions in relationship to the overall dimension. Students will produce a furniture piece without any deviation from the original plans.

Note: Completion of the degree or certificate requirements qualifies students to receive a maximum of two years credit toward the California State Contractor's License for the C-6 Cabinet, Millwork and Finish Carpentry examination.

6. Construction Technology 211 – Furniture Making Laboratory - Plan Modifications
Current Status/Proposed Changes

This course is one in a series of courses that will give students the opportunity to develop advanced problem solving skills in the design and fabrication of furniture with an emphasis on plan modification. Students will learn how to modify an existing plan. Topics will include using Golden Mean for proper proportion, ergonomics, joinery and construction techniques to achieve a finished piece to the student's specific needs.

Note: ~~Four years of journey level experience is required to be eligible to take the California State Contractor's License for~~ Completion of the degree or certificate requirements qualifies students to receive a maximum of two years credit toward the California State Contractor's License for the C-6 Cabinet, Millwork and Finish Carpentry examination. ~~Credit toward the four year requirement is given for construction technology courses.~~

Recommendation

This course is one in a series of courses that will give students the opportunity to develop advanced problem solving skills in the design and fabrication of furniture with an emphasis on plan modification. Students will learn how to modify an existing plan. Topics will include using Golden Mean for proper proportion, ergonomics, joinery and construction techniques to achieve a finished piece to the student's specific needs.

Note: Completion of the degree or certificate requirements qualifies students to receive a maximum of two years credit toward the California State Contractor's License for the C-6 Cabinet, Millwork and Finish Carpentry examination.

7. Construction Technology 212 – Furniture Making Laboratory - Developing Original Plans

Current Status/Proposed Changes

This course is one in a series of courses that will give students the opportunity to develop problem solving advanced skills in the design and fabrication of furniture with an emphasis on developing original detailed plans. Students will create, draw and construct their own furniture design. Topics will require creating Bill of Materials, Plan of Procedure and wood and fastener selection.

Note: ~~Four years of journey level experience is required to be eligible to take the California State Contractor's License for~~ Completion of the degree or certificate requirements qualifies students to receive a maximum of two years credit toward the California State Contractor's License for the C-6 Cabinet, Millwork and Finish Carpentry examination. ~~Credit toward the four year requirement is given for construction technology courses.~~

Recommendation

This course is one in a series of courses that will give students the opportunity to develop problem solving advanced skills in the design and fabrication of furniture with an emphasis on developing original detailed plans. Students will create, draw and construct their own furniture design. Topics will require creating Bill of Materials, Plan of Procedure and wood and fastener selection.

Note: Completion of the degree or certificate requirements qualifies students to receive a maximum of two years credit toward the California State Contractor's License for the C-6 Cabinet, Millwork and Finish Carpentry examination.

8. Construction Technology 213 – Furniture Making Laboratory - Building without Plans

Current Status/Proposed Changes

This course is one in a series of courses structured as a problem-solving approach to furniture making with an emphasis on building without plans. Abandoning formal detailed plans, students will use thumbnail sketching techniques to create a furniture design. Thumbnail sketches will be used to create a full size drawing detailing joinery and using coloring techniques to emphasize wood contrasts. Taking measurements directly from full size drawings and referencing joinery details, students will fabricate a furniture piece.

Note: ~~Four years of journey level experience is required to be eligible to take the California State Contractor's License for~~ Completion of the degree or certificate requirements qualifies students to receive a maximum of two years credit toward the California State Contractor's License for the C-6 Cabinet, Millwork and Finish Carpentry examination. ~~Credit toward the four year requirement is given for construction technology courses.~~

Recommendation

This course is one in a series of courses structured as a problem-solving approach to furniture making with an emphasis on building without plans. Abandoning formal detailed plans, students will use thumbnail sketching techniques to create a furniture design. Thumbnail sketches will be used to create a full size drawing detailing joinery and using coloring techniques to emphasize wood contrasts. Taking

measurements directly from full size drawings and referencing joinery details, students will fabricate a furniture piece.

Note: Completion of the degree or certificate requirements qualifies students to receive a maximum of two years credit toward the California State Contractor's License for the C-6 Cabinet, Millwork and Finish Carpentry examination.

9. Construction Technology 220 – Hinging Systems and Doors

Current Status/Proposed Changes

This course is the study of principles and operation of hinge mortising and insertion machine (eco-press). Topics include working with hinges, hinging plates, appropriate door construction and installation.

Note: ~~Four years of journey-level experience is required to be eligible to take the California State Contractor's License for~~ Completion of the degree or certificate requirements qualifies students to receive a maximum of two years credit toward the California State Contractor's License for the C-6 Cabinet, Millwork and Finish Carpentry examination. ~~Credit toward the four-year requirement is given for construction technology courses.~~

Recommendation

This course is the study of principles and operation of hinge mortising and insertion machine (eco-press). Topics include working with hinges, hinging plates, appropriate door construction and installation.

Note: Completion of the degree or certificate requirements qualifies students to receive a maximum of two years credit toward the California State Contractor's License for the C-6 Cabinet, Millwork and Finish Carpentry examination.

10. Construction Technology 221 – Drawer Systems

Current Status/Proposed Changes

This course is the study of dimensioning and fabrication of drawer boxes, use and installation of slide systems, and commercial jigs and installation tools.

Note: ~~Four years of journey-level experience is required to be eligible to take the California State Contractor's License for~~ Completion of the degree or certificate requirements qualifies students to receive a maximum of two years credit toward the California State Contractor's License for the C-6 Cabinet, Millwork and Finish Carpentry examination. ~~Credit toward the four-year requirement is given for construction technology courses.~~

Recommendation

This course is the study of dimensioning and fabrication of drawer boxes, use and installation of slide systems, and commercial jigs and installation tools.

Note: Completion of the degree or certificate requirements qualifies students to receive a maximum of two years credit toward the California State Contractor's License for the C-6 Cabinet, Millwork and Finish Carpentry examination.

INACTIVATE COURSES

1. Fashion 17 – Decorative Textiles
2. Fashion 24 – Tailoring
3. Fire and Emergency Technology 60A – Basic Chemistry for Hazardous Materials
4. Fire and Emergency Technology 60B – Hazardous Materials, Applied Chemistry
5. Fire and Emergency Technology 60C – Hazardous Materials, Incident Organization
6. Fire and Emergency Technology 60D – Hazardous Materials, Tactical Field Operations
7. Fire and Emergency Technology 60F – Special HAZMAT Mitigation Techniques
8. Fire and Emergency Technology 60G – HAZMAT Field Operations

MATHEMATICAL SCIENCES

COURSE REVIEW

1. Engineering 1 – Introduction to Engineering

NATURAL SCIENCES

COURSE REVIEW

1. Chemistry 7A – Organic Chemistry I

CTE TWO-YEAR COURSE REVIEW; CHANGES IN CONDITIONS OF ENROLLMENT (Pre/Corequisite, Recommended Preparation, or Enrollment Limitation)

1. Horticulture 41 – General Horticulture
Current Status/Proposed Changes
Recommended Preparation: ~~eligibility for English 84~~ English 82

Recommendation

Recommended Preparation: English 82

2. Horticulture 44 – Ecology of Edible, Medicinal and Poisonous Plants

Current Status/Proposed Changes

Recommended Preparation: ~~eligibility for English 84~~ English 82

Recommendation

Recommended Preparation: English 82

COURSE REVIEW; CHANGES IN CATALOG DESCRIPTION, CONDITIONS OF ENROLLMENT (Pre/Corequisite, Recommended Preparation, or Enrollment Limitation)

1. Astronomy 25 – Stars and Galaxies

Current Status/Proposed Changes

Recommended Preparation: ~~eligibility for English 84~~

This course is an introduction to the universe and its history. The main focus is on our view of the heavens and how astronomers learn about stars and galaxies. The formation, life histories, and fates of different kinds of stars, including the sun, are examined. Exotic stars as well as black holes are explored. The structure and distribution of galaxies are discussed, with a focus on our own Milky Way Galaxy. The possibility of simple and intelligent life in the Milky Way Galaxy will be examined. The history of the universe, starting with the Big Bang, is also investigated.

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