**MINUTES**

**Present**

Franchesca Amezola, Jason Asman, Jim Chin, Michael Cole, Lore Dobusch, John Fitzer, Richardson Fleuridor, Nancy Frampton, Pam Gilmore, John Heathcote, Robin Huigen, Kent Kinney, Cynthia MacDonald, Nancy Marsh, Jon McPhee, Ray Tjahjadi, Sheryl Young-Manning

**Absent**

Marilyn Behringer, Toni Ensz, Kate Fourchy, Cristal Gallardo, Deborah Ikeda, Jessy Torres

**Visitors**

Julie Constable, Tom Mester, Felisa Meter, David Nippoldt, Tim Smith, Dustin Sperling, Ian Stone, Samara Trimble, Michael van Wyhe

**1. CALL TO ORDER**

Meeting called to order at 3:10 p.m.

**2. ROLL**

Roll sheet was circulated.

**3. APPROVAL OF THE MINUTES OF SEPTEMBER 29, 2011**

Minutes approved as submitted.

**4. INTRODUCTION OF VISITORS**

**5. CONSENT AGENDA**

**A. SCIENCE & TECHNOLOGY DEPARTMENT**

**1. Program Modification effective spring 2012**

**Physical Science**

Remove deleted PHYS 30 course

**B. READING & LANGUAGES DEPARTMENT**

**1. New Stand Alone Course Proposals**

**a. English as a Second Language 225W High Intermediate Academic Writing 4 units, 4 lecture hours, pass/no pass only, 0 repeats. Prerequisites: English as a Second Language 266W.**

**b. English as a Second Language 226R High Intermediate Academic Reading, 4 units, 4 lecture hours, pass/no pass option, 0 repeats. Prerequisites: English as a second Language 266R.**

Moved English as a Second Language 225W and 226R to old business.

**C. AGRICULTURE & TECHNOLOGY DEPARTMNET**

**1. Course Modification *(Nancy Gutierrez)***

**Agriculture 19V Cooperative Work Experience, Agriculture, 1-8 units**

**2. Course Modifications / Prerequisite, Corequisite, and Advisory Review *(Nick Deftereos)***

**a. Agriculture & Natural Resources 10 Construction Technology, 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 101.**  
Revised student learning outcomes, course objectives, content outline, methods to measure student achievement, and advisory justification.

**b. Mechanized Agriculture 21 Equipment Technician: Transmissions, Torque Converters, & Air Conditioning, 8 units, 6 lecture hours, 6 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 101.**

Revised student learning outcomes, course objectives, content outline, textbooks, methods to measure student achievement, grading scale, and advisory justification.

**3. Course Deletions effective spring 2012 *(Tim Smith)***

**a. Environmental Horticulture 38 Advanced Floral Design**

**b. Environmental Horticulture 384 Ornamental & Vegetable Gardening Projects**

**c. Environmental Horticulture 39 Wedding & High Style Floral Design**

**d**. **Environmental Horticulture 40 History of Landscape Architecture**

**e. Environmental Horticulture 41 Introduction to Environmental Horticulture**

**f. Environmental Horticulture 42 Plant Materials and Usage I**

**g. Environmental Horticulture 44 Landscape Maintenance**

**h. Plant Science 12 Fresh Produce Processing**

**i. Plant Science 13 Subtropical Fruit Production**

**j. Plant Science 20 Elements of Food Processing**

Department removed Environmental Horticulture 384.

**4. Course Modifications / Prerequisite, Corequisite, and Advisory Review *(Tim Smith)***

**a. Environmental Horticulture 30 Principles of Environmental Horticulture, 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 101.**  
Revised student learning outcomes, content outline

**b. Environmental Horticulture 37 Beginning Floral Design 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 101.**

Revised student learning outcomes, content outline, textbooks, and advisory justification.

**c. Environmental Horticulture 43 Plant Propagation/Production 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 101.**  
Revised majors, student learning outcomes, content outline, and textbooks.

**d. Environmental Horticulture 48 Landscape Design 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 101.**  
Revised majors, student learning outcomes, and advisory justification.

**e. Environmental Horticulture 383 Home Food Production, 0 units.**

Department removed Environmental Horticulture 383.

**f. Plant Science 1 Introduction to Plant Science 3 units, 3 lecture hours. Advisories: Eligibility for English 125, 126, and Mathematics 101.**  
Revised student learning; outcomes, objectives, content outline, textbooks, methods to measure student achievement, and grading scale.

**g. Plant Science 1L Introduction to Plant Science Laboratory 1 unit, 3 lab hours. Corequisites: Plant Science 1. Advisories: Eligibility for English 125, 126, and Mathematics 101.** Revised student learning outcomes, course objectives, content outline, textbooks, methods to measure student achievement, and grading scale.

**h. Plant Science 2 Soils Science 3 units, 3 lecture hours. Advisories: Eligibility for English 125, 126, and Mathematics 101.**  
 Revised student learning outcomes, course objectives, content outline, textbooks, and grading scale.

**i. Plant Science 2L Soils Laboratory 1 unit, 3 lab hours. Corequisites: Plant Science 2. Advisories: Eligibility for English 125, 126, and Mathematics 101.**  
Revised student learning outcomes, content outline, textbooks, and grading scale.

1. **Add to RC General Education Area A, Natural Sciences.**

**j. Plant Science 3 General Viticulture 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 101.**  
 Revised student learning outcomes, course objectives, content outline, textbooks, and grading scale.

**k.** **Plant Science 4A Tree and Vine Management 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 101.**  
Revised student learning outcomes, content outline, textbooks, and grading scale.

**l. Plant Science 5 Principles of Irrigation Management 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 101.**  
Revised textbooks , global or international concepts statement, and grading scale.

**m. Plant Science 7 Integrated Pest Management 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 101.**  
 Revised student learning outcomes, content outline, textbooks, grading scale, advisory justification.

**n. Plant Science 8 Vegetable Production 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 101.**  
 Revised student learning outcomes, course objectives, content outline, textbooks, and grading scale.

**o. Plant Science 9 Biometrics 3 units, 3 lecture hours, 2lab hours. Prerequisites: Mathematics 103 Advisories: Eligibility for English 125, 126, and Mathematics 101.**  
 Revised content outline, textbooks, and grading scale.

**p. Plant Science 10 Environmental Agriculture 3 units, 3 lecture hours. Advisories: Eligibility for English 125, 126, and Mathematics 101.**  
Revised student learning outcomes, course objectives, content outline, textbooks, multicultural statement, and grading scale.

**q. Plant Science 11 Machinery Technology 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 101.**  
Revised student learning outcomes, content outline, textbooks, grading scale, and advisory justification.

**r. Plant Science 14 Plant Nutrition 3 units, 3 lecture hours. Advisories: Eligibility for English 125, 126, and Mathematics 101.**  
Revised student learning outcomes, content outline, textbooks, and grading scale.

**s. Plant Science 260 Plant Science Seminar .5-1.5 units, .5-1.5 lecture hours.**

Revised grading basis, student learning outcomes, content outline, and methods to measure student achievement.

Moved to old business.Department is **deleting** Plant Science 260.

**5. Course Deletions effective fall 2012 *(D. Sperling)***

**a.** **Agriculture 6 Agriculture Marketing**

**b. Agriculture 266 Selected Topics in Agriculture**

**c. Agriculture 266B Food Safety 1**

**6. Course Modifications / Prerequisite, Corequisite, and Advisory Review effective fall 2012**

**(*D. Sperling)***

**a. Agriculture 3 Agriculture Accounting 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 101.**

Revised catalog description, majors, student learning outcomes, content outline, methods to measure student achievement, grading scale, special facilities, and advisory justification.

**b.** **Agriculture 4 Farm Management, 3 units, 2 lecture hours, 3 lab hours. Advisories: Agriculture 1, 3, and eligibility for English 125, 126, and Mathematics 101.**

Revised advisories, certificates, catalog description, student learning outcomes, course objectives, content outline, textbooks, grading scale, educational materials, and special facilities.

**c. Agriculture 5 Ag Sales and Communications 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125, 126,and Mathematics 101.**

Revised catalog description, student learning outcomes, course objectives, content outline, textbooks, grading scale, and advisory justification.

**d. Agriculture 10 Survey of Agriculture 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125 and 126.**

Revised from degree applicable to non-degree applicable, course number, grading basis, student learning outcomes, textbooks, global/multicultural statement, and advisory justification.

Moved to old business. The course number is changing to 110.

**e. Agriculture 11 Computer Solutions in Agriculture 3 units, 2 lecture hours, 3 lab hours. Prerequisites: Completion of Agriculture 1 or equivalent. Advisories: Completion of Mathematics 101 or equivalent.**

Revised from degree applicable, catalog description, student learning outcomes, textbooks, methods to measure student achievement, and grading scale.

Moved to old business. The course number is changing to 111.

**f. Agriculture 12 International Agriculture Trade, 2 units, 1.5 lec hours, 1.5 lab hours. Advisories: Eligibility for English 125 12, and Mathematics 101.**

Revised grading basis, student learning outcomes, course objectives, content outline, textbooks, methods to measure student achievement, grading scale, and advisory justification.

Approved remaining consent agenda items.

**6. OLD BUSINESS**

**A. READING & LANGUAGES DEPARTMENT**

**1. New Stand Alone Course Proposals**

**a. English as a Second Language 225W High Intermediate Academic Writing 4 units, 4 lecture hours, pass/no pass only, 0 repeats. Prerequisites: English as a Second Language 266W or placement through a multiple-measure process, including an appropriate score on an approved ESL placement test.**

Approved new course English as a Second Language 225W.

1. **Prerequisite Approval**

**English as a Second Language 225W High Intermediate Academic Writing**

**English as a Second Language 266W or placement through a multiple-measure process, including an appropriate score on an approved ESL placement test.**

Approved prerequisites for English as a Second Language 225W.

**b. English as a Second Language 226R High Intermediate Academic Reading, 4 units, 4 lecture hours, pass/no pass option, 0 repeats. Prerequisites: English as a second Language 266R or placement through a multiple-measure process, including an appropriate score on an approved ESL placement test.**

Approved new course English as a Second Language 226R.

1. **English as a Second Language 226R High Intermediate Academic Reading**

**English as a second Language 266R or placement through a multiple-measure process, including an appropriate score on an approved ESL placement test.**

Approved prerequisites for English as a Second Language **226R**.

**B. AGRICULTURE & TECHNOLOGY DEPARTMENT**

**1. Course Modifications / Prerequisite, Corequisite, and Advisory Review effective fall 2012**

**(*D. Sperling)***

**a. Agriculture 10 Survey of Agriculture 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125 and 126.**

Revised from degree applicable to non-degree applicable, course number, grading basis, student learning outcomes, textbooks, global/multicultural statement, and advisory justification.

**b. Agriculture 11 Computer Solutions in Agriculture 3 units, 2 lecture hours, 3 lab hours. Prerequisites: Completion of Agriculture 1 or equivalent. Advisories: Completion of Mathematics 101 or equivalent.**

Revised from degree applicable to non-degree applicable, course number, catalog description, student learning outcomes, textbooks, methods to measure student achievement, and grading scale.

Agriculture 10 and 11 will be changed to non-degree applicable, non-transfer courses. Stand Alone justification will be completed.

**C. SCIENCE & TECHNOLOGY DEPARTMENT**

**1. New Stand Alone Course Proposals effective spring 2012 *(D. Dormedy)***

**a. Water Treatment & Distribution 106 Basic Wastewater Treatment and Distribution 3 units, 3 lecture hours, grading scale only, 3 repeats. Advisories: Eligibility for English 125 or 126, and Mathematics 101.**

Knowledge and skills required to effectively operate and maintain wastewater treatment facilities; prepares students to take the State Water Resources Control Board (SWRCB) Grade II Certificate Exam.

Approved new course Water Treatment & Distribution 106 with 0 repeats.

1. **Advisory Approval**

**Water Treatment & Distribution 106**

Eligibility for English 125 or 126, and Mathematics 101.

Approved Eligibility for English 125, 126, and Mathematics 101 advisories for Water Treatment & Distribution 106.

**b. Water Treatment & Distribution 107 Wastewater Treatment and Distribution 3 units, 3 lecture hours, grading scale only, 3 repeats. Prerequisites: Water Treatment & Distribution 106.**

Knowledge and skills required to effectively operate and maintain wastewater treatment facilities; prepare students to take the State Water Resources Control Board (SWRCB) Grade III Certificate exam.

Approved new course Water Treatment & Distribution 107 with 0 repeats.

1. **Prerequisite Approval**

**Water Treatment & Distribution 107**

Water Treatment & Distribution 106

Approved Water Treatment & Distribution 106 prerequisite for Water Treatment & Distribution 107.

**c. Water Treatment & Distribution 114 Wastewater Treatment and Distribution 3 units, 3 lecture hours, grading scale only, 0 repeats.**

Recommended for current enrollees in water technology course(s); Covers math required to solve problems commonly encountered in water technology, including Water Treatment, Water Distribution, and Wastewater. The Water Treatment Operator and Water Distribution Operator Certification Tests are weighted heavily with water math.

Course title will be Water Mathematics, same as FCC.

John Heathcote will talk to the department about having Math 101 as an advisory instead of a prerequisite.

The Chair asked to be on record that she objects to this course being taught by non-math faculty.

**7. NEW BUSINESS**

**A. COUNSELING & PHYSICAL EDUATION DEPARTMENT**

**1. Course Modification effective fall 2012 *(B.Allen)***

**Dance 9 Dance Conditioning 1 unit, 2 lab hours. Advisories: Eligibility for English 125 or 126.**

Revised hours.

The hours are being revised to match FCC.

**C. READING & LANGUAGES DEPARTMENT**

**1. Course Modifications effective fall 2012 *(D. Nippoldt)***

**a. English as a Second Language 266R Intermediate Academic Reading and Vocabulary, 4 units, 4 lecture hours. Prerequisites: ESL 265 or placement through a multiple-measure process, including an appropriate score on an approved ESL placement test.**

Revised catalog description.

**b. English as a Second Language 266W Intermediate Academic Writing and Grammar, 4 units, 4 lecture hours. Prerequisites: ESL 265 or placement through a multiple-measure process, including an appropriate score on an approved ESL placement test.**

Revised catalog description.

The course descriptions are being updated to reference the new courses English as a Second Language 225W and 226R.

The in-lieu agreement with FCC has been updated.

**E. BUSINESS DEPARTMENT**

**1. Course Modification effective spring 2012 *(P. Gilmore)***

**a. Office Technology 5 Document Formatting, 1.5 units, 1.5 lecture hours. Basic Skills Advisories: Eligibility for English 125, 126, and Mathematics 101.**

Revised hours.

Hours were changed by mistake when the change came through in spring 2011.

**F. COMPOSITION, LITERATURE & COMMUNICATION DEPARTMENT**

**1. Course Modifications effective fall 2012 *(E. Berg)***

**a. English 125 Writing Skills for College, 4 units, 4 lecture hours. Prerequisites: English 252 or placement by the college assessment process**

Revised catalog prerequisites.

David Nippoldt represented this course for the English faculty. The change is to add English as a Second Language 225W as a prerequisite option.

**G. AGRICULTURE & TECHNOLOGY DEPARTMENT**

**1. Course Modifications effective fall 2012 *(K. Kinney)***

**a. Natural Resources 5 Wildland Fire Technology 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 101.**

Revised catalog description, course objectives, content outline, methods to measure student achievement, grading scale, and special facilities.

**b. Natural Resources 6 Dendrology 3 units, 2 lecture hours, 3 lab hours. Advisories: Natural Resources 4 and eligibility for English 125, 126, and Mathematics 101.**  
Revised catalog description, course objectives, and content outlines.

**c. Natural Resources 12 Watershed Ecology 2 units, 1 lecture hour, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 101.**

Revised hours, catalog description, student learning outcomes, course objectives, content outline, textbooks, grading scale, special facilities.

**d. Natural Resources 30 Forest Recreation 3 units, 2 lecture hours, 3 lab hours. Advisories: Natural Resources 1, 6, and eligibility for English 125, 126, and Mathematics 101.**

Revised catalog description, student learning outcomes, course objectives, textbooks, and methods to measure student achievement.

**e. Natural Resources 36 Natural Resources Law Enforcement 3 units, 3 lecture hours. Advisories: Eligibility for English 125 and 126.**

Revised student learning outcomes and textbooks.

**f. Natural Resources 108 Introduction to Field Studies .5 unit, 1 lab hour. Advisories: Eligibility for English 125, 126, and Mathematics 101.**

Revised certificates, catalog description, student learning outcomes, course objectives, content outline, methods to measure student achievement, and grading scale.

**g.** **Natural Resources 109 Forest Field Studies I .5 unit, 1 lab hour. Advisories: Eligibility for English 125, 126, and Mathematics 101.**

Revised title, catalog description, student learning outcomes, course objectives, content outline, textbooks, methods to measure student achievement, and special facilities.

**h. Natural Resources 110 Forestry Field Studies II .5 unit, 1 lab hour. Advisories: Eligibility for English 125, 126, and Mathematics 101.**

Revised title, catalog description, student learning outcomes, course objectives, content outline, and special facilities.

All the above Natural Resources course modification effective date will be fall 2012.

**The following items will be moved to the top of the next agenda in two weeks**

**2. Course Modifications effective fall 2012 *(I. Stone)***  
**a. Natural Resources 11 Silviculture 2 units, 1 lecture hour, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 101.**

Revised student learning outcomes, course objectives, content outline, textbooks, and methods to measure student achievement.

**b. Natural Resources 17 Introduction to Forest Surveying 3 units, 2 lecture hour, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 101.**

Revised student learning outcomes, course objectives, content outline, textbooks, and methods to measure student achievement.

**c. Natural Resources 18 Aerial Photo Interpretation & Geographic Information Systems 3 units, 2 lecture hour, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 101.**

Revised catalog description, student learning outcomes, course objectives, content outline, textbooks, methods to measure student achievement, and special facilities.

**d. Natural Resources 20 Forest Measurements 3 units, 2 lecture hour, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 101.**

Revised student learning outcomes, course objectives, content outline, textbooks, methods to measure student achievement.

**e. Natural Resources 21 Forest Products 3 units, 2 lecture hour, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 101.**

Revised student learning outcomes and textbooks.

**f. Natural Resources 92 Wilderness Survival 1 unit, .5 lecture hour, 1.5 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 101.**

Revised student learning outcomes, course objectives, content outline, and methods to measure student achievement.

**g. Natural Resources 115 Advanced Field Studies I .5 unit, 1 lab hour. Advisories: Eligibility for English 125, 126, and Mathematics 101.**

Revised student learning outcomes, and content outline.

**h. Natural Resources 116 Advanced Field Studies II .5 unit, 1 lab hour. Advisories: Eligibility for English 125, 126, and Mathematics 101.**

Revised student learning outcomes, course objectives, and content outline.

**i. Natural Resources 133 Introduction to Chain Saw Operations 1 unit, .5 lecture hour, 1.5 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 101.**

Revised student learning outcomes and course objectives.

**9. Course Modifications effective fall 2012 *(J. Constable)***  
**a. Natural Resources 3 Computers in Natural Resources 1 unit, .5 lecture hour, 1.5 lab hours. Advisories: Eligibility for English 126.**

Revised hours, catalog description, student learning outcomes, textbooks, and grading scale.

**b. Natural Resources 4 Forest Ecosystems 3 units, 2 lecture hours, 3 lab hours. Advisories: Eligibility for English 125, 126, and Mathematics 101.**

Revised student learning outcomes, content outline, methods to measure student achievement, and grading scale.

**c. Natural Resources 7 Conservation of Natural Resources 3 units, 3 lecture hour. Advisories: Eligibility for English 125 and 126.**  
Revised textbooks, global/multicultural statement, methods to measure student achievement, and grading scale.

**d. Natural Resources 14 Principles of Wildlife Management 3 units, 2 lecture hour, 3 lab hours.**

**Advisories: Natural Resources 6 and eligibility for English 125, 126, and Mathematics 101.**

Revised student learning outcomes, content outline, textbooks, global/multicultural statement, methods to measure student achievement, grading scale, and special or additional library materials.

**8. OTHER**

**Content Review**

Title 5 allows for either content review alone or content review and data validation to establish prerequisites.

The committee needs to establish recommendations to the Academic Senate for prerequisite validation.

Fresno City College has recommended content review only.

This will mean more direct involvement of discipline faculty for English, Math, and Reading faculty.

Prerequisite content must be included in COR.

**9. ADJOURNMENT**

Meeting adjourned at 5:02 p.m.