



Lassen Community College  
Curriculum and Academic Standards

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Notice of Regularly Scheduled Meeting  
December 16, 2014 - Tuesday  
3:00 PM  
TECC (HU102)

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**Call to Order: 3:00 pm**

**Members Present:**

Ms. Cheryl Aschenbach, Chair  
Ms. Lisa Gardiner  
Mr. Kory Konkol  
Ms. Fran Oberg  
Ms. Toni Poulsen  
Ms. Alison Somerville, Articulation Officer, Vice Chair  
Ms. Stephney Stuart

**Members Absent:**

ASB Representative  
Ms. Elizabeth Elam  
Mr. Chad Lewis  
Mr. Cory McClellan  
Ms. KC Mesloh  
Ms. Susan G. Mouck  
Dr. Tammy Robinson, Interim Vice President of Academic Services/Athletic Director

**Staff:**

Ms. Susan Kelley, Instructional Services Technician

1. **Agenda Approval (Poulsen/Konkol MSCU)**
2. **Approve Meeting Minutes: December 02, 2014 meeting (Poulsen/Konkol MSCU)**  
Information only: November 18, 2014 Approved Minutes
3. **Action taken by Curriculum Subcommittee**
4. **Action**

**A. Associate in Science Degree in Agricultural Animal Science for Transfer (Gardiner/Poulsen MSCU)**

Approve new degree: Associate in Science Degree in Agricultural Animal Science for Transfer

**Total Units for the Associate in Science Degree in Animal Science for Transfer: 60 Units**

**Total Core Units: 20 Units**

**Required Core Units: 14**

CHEM 1A General Chemistry I

5.0

AGR 2	Agricultural Economics <b>OR</b>	3.0
ECON 11	Micro-Economics	3.0
AGR 10	Introduction to Animal Science	3.0
MATH 40	Elementary Statistics	3.0

**Required Elective: 6 unit one from each area**

**Area 1: Animal Production**

ARG 11	Beef Cattle Production	3.0
AGR 14	Equine Science	3.0

**Area 2: Animal Health**

AGR 13	Feeds and Feedings	3.0
AGR 12	Animal Health and Disease	3.0

**Completion of either the CSU General Education or IGETC Option 37-39 Units**

Remaining Units to total 60 Units may be selected from courses numbered 1-49

**Student Learning Outcomes:**

Upon completion of the Associates of Science Degree in Animal Science for Transfer the student will be able to:

1. Evaluate common management practices for farm animal health and reproduction.
2. Evaluate a genetic data sheet and rank the animals for a given scenario.
3. Plan a ranch management calendar for major animal species.
4. Plan a breeding program to maximize maternal heterosis.
5. Balance a ration using least cost principles.
6. Evaluate an animal production operation evaluating all production practices.

Effective: Fall 2015

**B. Associate in Science Degree in Agricultural Business for Transfer (Oberg/Stuart MSCU)**

Approve new degree: Associate in Science Degree in Agricultural Business for Transfer.

**Total Units for the Associate in Science Degree in Agricultural Business for Transfer: 60 Units**

**Total Core Units: 21-23 Units**

**Required Core Units: 12-14**

AGR 19	Soil Science <b>OR</b>	3.0
CHEM 1A	General Chemistry I	5.0
AGR 2	Agricultural Economics	3.0
MATH 40	Elementary Statistics	3.0
ECON 10	Macro-Economics	3.0

**Required Elective: 9 units**

AGR 1	Agricultural Accounting	3.0
ARG 3	Introduction to Agricultural Business	3.0
AGR 10	Introduction to Animal Science <b>or</b>	3.0
AGR 20	Introduction to Plant Science	4.0

**Completion of either the CSU General Education or IGETC Option 37-39 Units**

Remaining Units to total 60 Units may be selected from courses numbered 1-49

**Student Learning Outcomes**

Upon completion of the Associates of Science Degree Agricultural Business for Transfer the student will be able to:

1. Analyze and make business decisions based on a business model.
2. Make business decisions using supply and demand.
3. Effectively and efficiently use computer programs, including Word and Excel.
4. Demonstrate an understanding of accrual accounting.

Effective: Fall 2015

**C. Associates in Arts Degree in Child and Adolescent Development for Transfer (Poulsen/Oberg add narrative to form: MSCU)**

Approved new degree: Associates in Arts Degree in Child and Adolescent Development for Transfer.

**Total Units for the Associate in Arts Degree in Child and Adolescent Development for Transfer: 60 Units**

**Total Core Units: 24 Units**

**Required Core Units: 9**

CD 31	Child Development: Conception through Adolescents	3.0
PSY 1	Introduction to Psychology	3.0
MATH 40	Elementary Statistics	3.0

**List A1 Select 3 units from the following**

ANTH 2	Cultural Anthropology	3.0
SOC 1	Introduction to Sociology	3.0
CD 12	Child, Family, and Community	3.0
SOC 3	Family Relations	3.0

**List A2 6 units**

BIOL 32	General Life Science	3.0
PSY 18	Human Development: A Life Span	3.0

**List A3 Select 6 units from the following:**

CD 25	Teaching in Diverse Society	3.0
CD 19	Children's Nutrition, Health and Safety	3.0
HUS 10	Introduction to Human Services	3.0
HLTH 25	Understanding Nutrition	3.0
ES 1	Ethnic Minorities in America	3.0

**Completion of either the CSU General Education or IGETC Option 37-39 Units**

Remaining Units to total 60 Units may be selected from courses numbered 1-49

**Student Learning Outcomes:**

Upon successful completion of the Associates in Arts Degree in Child and Adolescent Development for Transfer student will be able to:

1. Integrate understanding of the needs, the characteristics, and multiple influences on development of children and adolescents as related to high quality care and education.
2. Design, implement, and evaluate environments and activities that support positive, developmental play and learning outcomes for children and adolescents.
3. Apply effective guidance and interaction strategies that support social learning, identity, and self-confidence for all children and adolescents.
4. Analyze the impact of culture, family, society, and environment on an individual's development.

Effective: Fall 2015

**D. Associates in Arts Degree in Economics for Transfer (Stuart/Gardiner add narrative MSCU)**

Approve new degree: Associates in Arts Degree in Economics for Transfer.

**Total Units for the Associate in Science Degree in Economics for Transfer: 60 Units**

**Total Core Units: 20-22 Units**

**Required Core 14 Units:**

ECON 10	Macro-Economics	3.0
ECON 11	Micro-Economics	3.0
MATH 40	Elementary Statistics	3.0
MATH 1A	Analytical Geometry and Calculus I	5.0

**Select 6-8 units:**

MATH 7	Trigonometry	3.0
MATH 8	Advanced Algebra	3.0
ENGL 7	Argumentative Writing and Critical Thinking	3.0
ENGL 9	Critical Thinking and Composition	3.0
MATH 1B	Analytical Geometry and Calculus II	5.0
BUS 1A	Accounting principles- Financial	4.0
BUS 1B	Accounting Principles-Managerial	4.0
BUS 27	Business Communications	3.0

**Completion of either the CSU General Education or IGETC Option 37-39 Units**

Remaining Units to total 60 Units may be selected from courses numbered 1-49

**Student Learning Outcomes**

Upon successful completion of the Associates of Science Degree in Economics for Transfer students will be able to:

1. Apply economic reasoning to real life situations using economic concepts such as scarcity, marginal utility, and opportunity cost.
2. Use analytical techniques to measure economic conditions related to the individual, business firms, and macro-economic systems.
3. Explain the role that households, business organizations, governments, and the international sector play in free markets, command economics, and mixed economies.
4. Evaluate the objectives, limitations, and mechanics of common regulation, monetary policy, and fiscal policy.

Effective: Fall 2015

**E. Peer review of distant education courses (Poulsen/Oberg MSCU)**

Approve subcommittee charge for peer review in distant education.

Effective: Spring 2015

**F. AGR 1-Agricultural Accounting (Oberg/Poulsen with correction to typo MSCU)**

Approve minor changes to catalog description, additional SLO, method of evaluation, textbook change 2014 AGR program review/TMC alignment.

Catalog Description

**The study of the** principles of agricultural accounting systems and types of records, their use and how to compute and use measures of earnings and cost of production to improve agribusiness efficiency. Also included are farm income tax, Social Security, and employee payroll records. **Application of these concepts and methods through hands-on projects developing computer-based solutions for agriculture business.** “College Accounting”, Heintz and Perry, 20<sup>th</sup> Edition, 2011, South Western Publishing ISBN 978-0-538-74522-2

**Wheeling, Introduction to Agriculture Accounting, Cengage Learning ISBN-13: 9781418038342**

Effective: Fall 2015

**G. AGR 1-Agricultural Accounting (Poulsen/Oberg MSCU)**

Add discipline of business.

Effective: Fall 2015

**H. AGR 2-Agricultural Economics (Oberg/Somerville with correction to typo MSCU)**

Approve new catalog description, changes to content and method of evaluation.  
2014 IPR review/TMC alignment.

Catalog Description

~~Economic principles of resource allocation, production, cost analysis, and market price equilibrium with primary application to the agricultural sector; supply and demand in commodity pricing under perfect and imperfect competition; survey of agricultural credit, marketing and policy issues.~~

Study of agriculture and farming in the economic system; basic economic concepts, and problems of agriculture; pricing and marketing problems, factors of production; and state and federal farm programs affecting the farmer's economic position.

Effective: Fall 2015

**I. AGR 3-Introduction to Agriculture Business (Oberg/Konkel with correction to typo MSCU)**

Approve changes in objectives, content, method of evaluation and textbook.  
2014 IPR/ TMC alignment.

Agribusiness Management, Downey & Erickson, 1987

*Agribusiness*, 2<sup>nd</sup> ed., Ricketts and Ricketts, Cengage Learning (2009) ISBN-13 978-1-4180-3231-9

Effective: Fall 2015

**J. FS 67 Fire Prevention1B (Poulsen/Gardiner MSCU)**

Approve inactivation of course do to Fire Training changes.

Effective: Spring 2015

**K. WT 20-Power Plant & Field Pipe Welding I (Poulsen/Konkol change the D1.1 section 4.13 to the rule MSCU)**

Approve changes in Catalog Description, Course Objectives, and Course Content.

Catalog Description:

This is the first of a four course sequence to prepare students in power plant and field welding. This course deals with shop safety, oxyacetylene cutting (OAC), air carbon arc cutting (CACA), shielded metal arc welding (SMAW) and pipe welding. Pipe coupons will be prepared and welded in the horizontal rolled (1G) position. American Welding Society (AWS) welding qualifications on plate and pipe will be prepared and completed. Repeatable as required for certification qualification by the American Welding Society (AWS) D1.1 Section 4.1.3. (Instructor Authorization Required for Course Repetition.)

Effective: Fall 2015

*Why are WT 20, 21, 22, 23, 37,42 and 43 repeatable?*

*The reason for repetition is the certificate expires after 6 months if person is not employed or if employer does not sign a form stating that employee has been doing the welding.*

*How do we monitor repeatability?*

*Have student meet with Kory 1<sup>st</sup> and fill out a form that states reason it is being repeated and file with admissions and records.*

**L. WT 21-Power Plant & Field Pipe Welding II (Poulsen/Gardiner change the D1.1 section 4.13 to the rule MSCU)**

Approve changes in Catalog Description, Course Objectives, and Course Content.

Catalog Description

This is the second course of a four course sequence dealing with pipe welding, in the 2G and 5G positions, using the shielded metal arc welding (SMAW) process. Gas tungsten arc welding (GTAW) will be introduced to prepare the student for welding on pipe using the GTAW process. American Welding Society (AWS) welding-qualification will be prepared and completed on one inch plate in the 3G and 4G positions. Repeatable as required for certification ~~qualification~~ by the American Welding Society AWS D1.1 Section 4.1.3. (Instructor Authorization Required for Course Repetition.)

Effective: Spring 2015

**M. WT 22-Power Plant & Field Pipe Welding III (Poulsen/Gardiner change the D1.1 section 4.13 to the rule MSCU)**

Approve changes in Catalog Description, Course Objectives, and Course Content.

Catalog Description

This is a fundamental class dealing with pipe welding in the 6G position using the shielded metal arc welding (SMAW) process. Joint designs will be performed using the gas metal arc welding (GMAW), and the gas tungsten arc welding (GTAW) process in preparation for welding root passes on pipe. Welding symbols are presented and reviewed in order to enable students to interpret welding blueprints. This is the third of a four course sequence to prepare students for power plant and field pipe welding. American Welding Society (AWS) qualifications in GTAW, GMAW, and flux core arc welding (FCAW) will be prepared and completed. Repeatable as required for qualification by the American Welding Society AWS D1.1 Section 4.1.3. (Instructor Authorization Required for Course Repetition.)

Effective: Spring 2015

**N. WT 23-Power Plant & Field Pipe Welding IV (Poulsen/Gardiner change the D1.1 section 4.13 to the rule MSCU)**

Approve changes in Catalog Description, Course Objectives, and Course Content.

Catalog Description

This class deals with pipe welding in the 2G (vertical fixed), and 5G (horizontal fixed), and 6G (45° fixed) positions using gas tungsten arc welding (GTAW) for the root pass and shielded metal arc welding (SMAW) for the fill and cover passes. ~~Aluminum and stainless steel welding using gas tungsten arc welding will also be covered.~~ American Welding Society (AWS) pipe qualifications will be prepared and completed in the 2G, 5G and 6G positions. Repeatable as required for qualifications by the American Welding Society D1.1 Section 4.1.3 (Instructor Authorization Required for Course Repetition.)

Effective: Spring 2015

**O. WT 37-Welding Theory & Practice-Shielded Metal Arc Welding (Poulsen/Gardiner change the D1.1 section 4.13 to the rule MSCU)**

Approve changes in Catalog Description, Course Objectives, and Course Content.

Catalog Description

This is an elective welding course where the student will apply the shielded metal ~~arc~~ **arc** welding (SMAW) process to selected projects. This course has been approved for open entry/open exit. This course may be taken for three enrollments not to exceed three units, or as required to maintain welding qualifications per American Welding Society (AWS) D1.1 Section 4.1.3. (Instructor Authorization Required for Course Repetition.)  
Effective: Spring 2015

**P. WT 42-Intermediate Shielded Metal Arc Welding (Poulsen/Gardiner change the D1.1 section 4.13 to the rule MSCU)**

Approve changes in Catalog Description, Course Objectives, and Course Content.

Catalog Description

This is the second in a three course series of fundamental elective classes dealing with the shielded metal arc welding (**SMAW**) process (~~SMAW~~). Filler rods will be selected and applied to joint designs, which meet ~~industrial~~ **industry** specifications ~~standards~~. Repeatable as required for qualification by the American Welding Society (**AWS**) D1.1, Section 4.1.3. (Instructor Authorization Required for Course Repetition.)

Effective: Spring 2015

**Q. WT 43-Advanced Shielded Metal Arc Welding(Poulsen/Gardiner change the D1.1 section 4.13 to the rule MSCU)**

Approve changes in Catalog Description, Course Objectives, and Course Content.

Catalog Description

This is the last in a three-course sequence of fundamental elective classes dealing with the shielded metal arc welding (SMAW) process. Specialized filler rods will be selected and applied to joint designs which meet ~~industrial~~ **industry** standards. Repeatable as required for qualification by the American Welding Society (**AWS**) D1.1, Section 4.1.3. (Instructor Authorization Required for Course Repetition.)

Effective: Spring 2015

**5. Discussion**

**6. Future Dates**

**7. Curriculum/Academic Standards Meeting Schedule for First and Third Tuesdays at 3:00 PM in the TECC**

*Note: Additional meetings may be scheduled as needed.*

**Spring**

January 20

February 3

March 3 & 17

April 21

May 5

**8. Information**

Report back to committee that there are content review forms for Math 1A, Math 1B.

**Reminder:** The following instructional programs are due. Curriculum Review (course outlines) should be done early in the process.

**Instructional Program Reviews Due**

Agriculture – May 2014  
Human Services-May 2015  
History/Social Science/Sociology/Psychology/Anthropology-May 2015  
Work Experience-May 2015  
Fire Technology- May 2015  
Gunsmithing-May 2015  
Welding-May 2015  
Vocational Nursing-May 2015

**Any Person Having Business Not on the Agenda**

**Adjournment (Konkol/Somerville @ 3:27 pm)**

**Future Agenda**

APPROVED