ANNUAL PROGRAM REVIEW

NAME OF PROGRAM/DEPARTMENT/SERVICE AREA:
AGRICULTURE DEPARTMENT (EQUINE STUDIES, RODEO, AGRICULTURE)

NAME OF PERSON SUBMITTING THIS REVIEW: Russell Reid (Department Chair)

DATE OF SUBMISSION: October 15, 2010

MANAGEMENT AREA (check one):

- ☐ **Administrative Services**
- ☒ **Instruction**
- ☐ **Student Services**

ASSESSMENT OF PAST PROGRESS

Describe your progress on your previous year's objectives:

Objective 1: Develop an "Enrollment Management Plan" for Agriculture Department **Connection to other plans:** Ed Plan Strategic Direction Goal 1.1 Objective 1.1.1; 1.1.2; 1.1.3; 1.1.5; 1.1.6; 1.1.7 Goal 2.2 Objective 2.2.2;2.2.3;2.4.2;2.4.3,2.1.1 Goal 3.2.3 Goal 4.2.1	**Summary of Progress:** Progress on this objective has been minimal. This objective will require the cooperation of Enrollment Management Committee and other departments. With the implementation of Banner and the lack of perceived importance on our current enrollment numbers, this objective has been hampered. Several ideas have been discussed including the development of a separate application for Agriculture Department disciplines and tryouts for rodeo team but these plans have not been carried out. **Resources/Budget Used:** Budget Not Applicable

Objective 2: Continue to develop AG curriculum and teaching methodologies to improve instructional outcomes. **Connection to other plans:** Strategic Direction Goal 1.1 Objective 1.1.6; Goal 2.1 Objective 2.1.1; Goal 2.2 Objective 2.2.1; 2.2.2; 2.2.3; Goal 2.3 Objective 2.3.2; 2.3.1	**Summary of Progress:** ▪ Each member of the Ag staff continually strives to stay up to date with new and changing technologies in the Agricultural field and relate these modifications in our course offerings. However, it difficult to adopt new technologies when we are unable to invest in new equipment or travel to informational meetings for professional development. Current professional memberships include California Agriculture Teachers Association (CATA) and Upper Feather River Watershed Grou (UFRWG). ▪ All of the department's Title V outlines have been updated with new student learning outcomes ▪ Continue to track student learning outcomes for individual students, courses, and the department. o To measure an individual student's learning outcomes, a Special Topics in Equine Studies course (AGEQ299) was developed where students select a particular SLO that they would like to explore further. o The Ag department has developed a standardized evaluation tool to assess student learning outcomes for all Ag courses. o A new course is in the works (AGAB098 Professional Development & Continuing Education in Agriculture) for graduating students that will provide an opportunity to assess department wide SLOs. ▪ Research is being conducted to develop a new Sustainable Agriculture Program. ▪ Research is being conducted to develop a new Veterinary Technician and Horse Breeding Degree. Fundraising and saving for construction of a new breeding/foaling barn with laboratory is being developed. **Resources/Budget Used:** General Fund and Foundation: Horse

Objective 3: Evaluate the Agriculture Department's staffing needs, job classifications and management of program operations to ensure compliance with the college's policy, procedure and union	**Summary of Progress:** • Due to the current budget situation and reduction in Student Employment, the Agriculture Department staff is not able to keep up with the current work load.

contracts with the intent of establishing fair and equitable compensation for actual duties performed. **Connection to other plans:** Ed Plan Strategic Direction Goal 2.1 Objective 2.4.2; 2.4.3; Goal 3.1 Objective 3.1.3; 3.1.4; 3.1.5; 3.2.4	Additional staff is required for safe, effective management of facilities and program outcomes. • Continue to request for the position of full time Ag instructor via academic senate and office of instruction. • Request to hire an Ag facilities/ maintenance position • Job classifications need to be reevaluated based on recent department changes and actual duties performed • No change in the lack of available full time (without overloads) or Associate Faculty to offer all classes for degrees. • Lack of funds for student employees to effectively care for horses **Resources/Budget Used:** Budget: Additional funds for employment of faculty, classified staff, and students.

Objective 4: Develop a student employment program for students or graduates as instructional aides to facilitate instruction and assist in handling large classes. Model an instructional aide program similar to that of "graduate students" teaching and assisting at four-year institutions. **Connection to other plans:** Ed Plan Strategic Direction Goal 3.1 Objective 3.1.5	**Summary of Progress::** Although students have been able to "volunteer" to assist instructors and the program in the past, current budget allowances (such as the reduction in student employment hours) have road blocked the completion of this objective. Continue to request work study hours that reflect need; will request budget specific money to be set aside for student employment **Resources/Budget Needed:** Budget: Additional funds for student employment

Objective 5: Develop and provide improved facilities, equipment and supplies **Connection to other plans:** Ed Plan Strategic Direction Goal 3.2 Objective 3.2.1; 3.2.2; 3.2.3; 3.2.4; 3.2.5; 3.2.6	**Summary of Progress::** ▪ With limited financial resources, we are focusing our efforts on maintaining what we currently have by repairing stalls, maintaining arenas, improving water drainage in dry-lots. ▪ Safety is an important factor in this department so the remaining resources have been to maintain horse health and preventative care, replace broken supplies,

	repair broken saddles, and keep the arenas in the best, safest condition possible. ▪ With limited resources, we are focusing on maintenance and repair when we should be thinking about replacing some of these with new items. ▪ Little progress has been accomplished towards the remodeling of the "old Pack Station" to a rodeo module/ classroom/ office/ first aid station/ restroom ▪ Continued meetings to explore the options of covering arenas (EQS and Rodeo) with solar panels to provide energy for the campus and riders protection from the elements. **Resources/Budget Needed:** Budget: Combination of Animal Science, Rodeo, Horse Board, Rodeo Board, Foundation, Maintenance Budgets and grants.

Objective 6: Develop a college small farm to provide a campus "community garden" and courses on sustainable agriculture and small scale farming. **Connection to other plans:** Ed Plan Strategic Direction Goal 1.1 Objective 1.1.6; 1.1.7; 1.1.8; Goal 2.3 Objective 2.3.1; 2.3.2 Goal 3.5 Objective 3.5.1; 3.5.2	**Action Plan** (include who is responsible)**:** Submitted grant applications to fund a small scale sustainable farm with solar powered irrigation, green house, farm equipment and supplies, farmer's market/ outside community classroom. **Resources/Budget Needed:** Grants

Objective 7: Plan to take active role in advising students to improve number of students who complete degrees, certificates and improve graduation rates. **Connection to other plans:** Ed Plan Strategic Direction Goal 1.1 Objective 1.1.3; Goal 2.2 Objective 2.2.1; 2.2.2; 2.2.3; 2.2.4; Goal 2.3 Objective 2.3.1; 2.3.2	**Summary of Progress:** • Schedule appointments with students to advise on classes to enroll in (Russell Reid, Jesse Segura, Ag staff) • New course to be taught in Spring 2011 titled AGAB 098 Professional Development and Continuing Education in Agriculture to improve student success, assist in transferring to other institutions, and to track program SLOs (Jesse Segura) **Resources/Budget Needed:** Budget: Instruction Office Instructor Budget

Objective 8: Continue to encourage distinguished equine industry practitioners (horse trainers, industry leaders, guest speakers) to visit our campus and community and interact with our students. **Connection to other plans:** Ed Plan Strategic Direction Goal 1.1 Objective 1.1.7 Goal 2.3 Objective 2.3.1; 2.3.2;	**Summary of Progress:** This objective depends on the funding available and schedules of intended guest speaker. We continue to invite local and national professionals to be guest speakers. **Resources/Budget Used:** Foundation: Based on the amount of funding received through donations, fundraising, and the horse sale.

Objective 9: Continue to develop the Agriculture Department that will be nationally recognized for its academic, vocational and athletic success. **Connection to other plans:** Ed Plan Strategic Direction Goal 1.1 Objective 1.1.1; 1.1.7 Goal 2.2 Objective 2.2.3 Goal 2.3 Objective 2.3.1; 2.3.2; Goal 2.4 Objective 2.4.2; 2.4.3	**Summary of Progress:** ▪ We continue to develop our Agriculture curriculum to improve our instructional outcomes. ▪ Graduates are transferring to other institutions to complete Bachelor degrees or entering the workforce as competent professionals. ▪ We are currently trying to make contact with the department's alumni for further information about what they are doing or did after graduation. ▪ The rodeo team is ranked within the top 10 in the nation ▪ Several students in the horse program have been on the internationally syndicated TV show Wide World of Horses with Les Vogt on RFDTV for a competition held against Cal Poly SLO ▪ Entered horse in prestigious Snaffle Bit Futurity Horse Sale **Resources/Budget Used:** Ag staff Budget: Everyday function of Agriculture, Animal Science, and Rodeo budgets. Foundation

Objective 10: Continue to develop new relationships among the Agriculture faculty and students and regional businesses. **Connection to other plans:**	**Summary of Progress:** ● Encourage faculty to be involved in activities outside the classroom that connects them to the Agriculture community such as horse shows, sales, and joining various agriculture related organizations.

Ed Plan Strategic Direction Goal 1.1 Objective 1.1.7; 1.1.8 Goal 3.1 Objective 3.1.2	• Encourage students to attend nationally recognized events that are nearby and affordable to attend such as the Snaffle Bit Futurity in Reno, Californios Ranch Roping in Reno, Red Bluff Bull and Gelding Sale, and other regional clinics or demonstrations. • Russell Reid is involved with the Cattlemen's Association, Farm Bureau, and local Agriculture Watershed group. • Jesse Segura is involved with the National Intercollegiate Rodeo Association, the local High School Rodeo Club, and various other local charities • Chuck Mills stays connected with equine industry professionals who assist the horse program with high quality horse donations, and expertise for the horse sale committee. **Resources/Budget Used:** Ag staff Budget: None applicable, personal time

CURRENT YEAR PROGRESS AND OBJECTIVES

What objectives and tasks will you take on for this year? (You may continue objectives from the prior year.) Will your allocated resources be sufficient given your objectives?

Objective 1: Develop an "Enrollment Management Plan" for Agriculture Department **Connection to other plans:** Ed Plan Strategic Direction Goal 1.1 Objective 1.1.1; 1.1.2; 1.1.3; 1.1.5; 1.1.6; 1.1.7 Goal 2.2 Objective 2.2.2;2.2.3;2.4.2;2.4.3,2.1.1 Goal 3.2.3 Goal 4.2.1	**Action Plan** (include who is responsible)**:** • Participate in the enrollment management committee to prepare a plan for Agriculture Department (Russell Reid) • Create minimum proficiency evaluation for entrance in horse riding courses such as maximum weight restrictions and minimum physical ability standards. (Russell Reid and Chuck Mills) • Allow students to enroll in Fall/ Spring/ Summer courses earlier in the previous semester. (Russell Reid, Ag staff and collaboration with Student Services, Admissions and Instruction Office) **Resources/Budget Used:** Budget Not Applicable

Objective 2: Continue to develop curriculum and teaching methodologies to improve instructional	**Action Plan** (include who is responsible)**:** • Stay up to date with new and changing technologies in the Agricultural field and

outcomes. **Connection to other plans:** Strategic Direction Objective 1.1.6; 2.1.1; 2.2.1; 2.2.2; 2.2.3; 2.3.2; 2.3.1	relate these modifications in our course offerings (All Ag staff). • Continue to track student learning objectives for individual students, courses, and the department (All Ag staff). • Expand program offerings as reflected by desired industry and student outcomes (All Ag staff). **Resources/Budget Needed:** General Fund and Foundation

Objective 3: Continue to encourage distinguished equine industry practitioners (horse trainers, industry leaders, guest speakers) to visit our campus and community and interact with our students. **Connection to other plans:** Ed Plan Strategic Direction Goal 1.1 Objective 1.1.7 Goal 2.3 Objective 2.3.1; 2.3.2;	**Action Plan** (include who is responsible)**:** This objective depends on the funding available and schedules of intended guest speaker. We continue to invite local and national professionals to be guest speakers. (All Ag staff) **Resources/Budget Needed:** Foundation: Based on the amount of funding received through donations, fundraising, and the horse sale.

Objective 4: Evaluate the AG Department's staffing needs, job classifications and management of program operations to ensure compliance with the college's policy, procedure and union contracts with the intent of establishing fair and equitable compensation for actual duties performed. **Connection to other plans:** Ed Plan Strategic Direction Goal 2.1 Objective 2.4.2; 2.4.3; Goal 3.1 Objective 3.1.3; 3.1.4; 3.1.5; 3.2.4	**Action Plan** (include who is responsible)**:** • Continue to request for the position of full time Ag instructor via academic senate and office of instruction (Russell Reid). • Request to hire an Ag facilities/ maintenance position (Russell Reid). • Re-evaluate staff positions based on actual duties performed (Russell Reid) • Request funding for these positions in budget • Work with college staff on completion (Russell Reid) **Resources/Budget Used:** Budget: Additional funds for employment of faculty, classified staff, and students

Objective 5: Hire Agriculture Department students or graduates as instructional aides to facilitate instruction and assist in handling large classes. Model an instructional aide program similar to	**Action Plan** (include who is responsible)**:** • Continue to request work study hours that reflect need of the Department (Ag staff and Russell Reid). • Will request budget specific money to be set

that of "graduate students" teaching and assisting at four-year institutions **Connection to other plans:** Ed Plan Strategic Direction Goal 3.1 Objective 3.1.5	aside for student employment (Ag staff and Russell Reid). **Resources/Budget Needed:** Budget: Additional funds for student employment

Objective 6: Develop and provide improved facilities, equipment and supplies **Connection to other plans:** Ed Plan Strategic Direction Goal 3.2 Objective 3.2.1; 3.2.2; 3.2.3; 3.2.4; 3.2.5; 3.2.6	**Action Plan** (include who is responsible)**:** ▪ Continue to plan and provide adequate facilities, equipment and supplies necessary for effective operation (Russell Reid, Jesse Segura). ▪ Construct student housing for Agriculture Department students specifically the student barn managers (Russell Reid, Nick Boyd) ▪ Continue to remodel the "old Pack Station" to be a rodeo module/ classroom/ office/ first aid station/ restroom (Russell Reid, Jesse Segura, Nick Boyd) ▪ Construct broodmare stalls and breeding facility (Russell Reid) ▪ Cover arenas (EQS and Rodeo) with solar panels to provide energy for the campus and riders protection from the elements. (Russell Reid, Eva Rocke, Nick Boyd, Jesse Segura). ▪ Develop long term master plan and funding source to repair/replace existing buildings, arenas, stalls, replace as needed department vehicles, tractors, and trailers (Russell Reid and Nick Boyd). ▪ Develop new Ag shop and relocate welding program. Include tractor hydraulics and repair, mechanized Ag courses, irrigation, solar, power and geothermal systems (Russell Reid, Jesse Segura, Nick Boyd) **Resources/Budget Needed:** Budget: Combination of Animal Science, Rodeo, Horse Board, Rodeo Board, Foundation, Maintenance Budgets and grants.

Objective 7: Construct a new horse-breeding facility, which would include a stallion facility, covered foaling stalls, pre- and post-natal observation pens, 24-hour monitoring video equipment, and	**Action Plan** (include who is responsible)**:** • Develop and design construction plans for breeding facility (Russell Reid) • Work with college ARC firm and master plan

temporary overnight accommodations for students. Provide appropriate new courses in equine reproduction utilizing this facility, and increase income opportunities from college breeding services.	(Russell Reid) • Continue to fundraise and search for grants to start construction of facility (Ag staff)
Connection to other plans: Ed Plan Strategic Direction Goal 3.2 Objective 3.2.1; 3.2.2; 3.2.3; 3.2.4; 3.2.5; 3.2.6	**Resources/Budget Needed:** Budget: Combination Horse Board, Foundation, and grants.

Objective 8: Develop new or remodel long-term livestock holding pens, anticipating changes in animal welfare, water quality, and various other environmental issues (laws, policies, standards).	**Action Plan** (include who is responsible)**:** • Construct new holding pens for livestock, and/or repair, maintain, remodel livestock facilities (Russell Reid, Jesse Segura) • Pasture management plan • Manure management/ compost plan • Control "run-off" in Spanish Creek from holding pens
Connection to other plans: Ed Plan Strategic Direction Goal 3.2 Objective 3.2.1; 3.2.2; 3.2.3; 3.2.4; 3.2.5; 3.2.6	**Resources/Budget Needed:** Budget: Combination of Animal Science, Rodeo, Horse Board, Rodeo Board, Foundation, Maintenance Budgets and grants.

Objective 9: Plan to take active role in advising students to improve number of students who complete degrees and certificates and improve graduation rates.	**Action Plan** (include who is responsible)**:** • Schedule appointments with students to advise on classes to enroll in (Russell Reid & Jesse Segura) • Work with Student Services to receive "advisor" Banner training (Ag Staff) • Develop and instruct new course titled AGAB 098 Professional Development and Continuing Education in Agriculture to improve student success, assist in transferring to other institutions, and to track program SLOs (Jesse Segura)
Connection to other plans: Ed Plan Strategic Direction Goal 1.1 Objective 1.1.3; Goal 2.2 Objective 2.2.1; 2.2.2; 2.2.3; 2.2.4; Goal 2.3 Objective 2.3.1; 2.3.2	**Resources/Budget Needed:** Budget: Instruction Office Instructor Budget

Objective 10: Continue to develop the Agriculture Department that will be nationally recognized for its academic, vocational and athletic success. **Connection to other plans:** Ed Plan Strategic Direction Goal 1.1 Objective 1.1.1; 1.1.7 Goal 2.2 Objective 2.2.3 Goal 2.3 Objective 2.3.1; 2.3.2; Goal 2.4 Objective 2.4.2; 2.4.3	**Action Plan** (include who is responsible)**:** ▪ We continue to develop our Agriculture curriculum to improve our instructional outcomes. (All Ag Staff) ▪ Track graduates who are transferring to other institutions to complete Bachelor degrees or entering the workforce as competent professionals. (All Ag Staff) ▪ Attempting to make contact with the department's alumni for further information about what they are doing or did after graduation. (All Ag Staff) ▪ The rodeo team is ranked within the top 10 in the nation and will continue to train to maintain top levels of performance (Jesse Segura) ▪ Continue to provide students with opportunities to work with top horse trainers and to receive international exposure such as with the internationally syndicated TV show Wide World of Horses with Les Vogt on RFDTV (Chuck Mills) **Resources/Budget Used:** Ag staff Budget: Everyday function of Agriculture, Animal Science, and Rodeo budgets.

BUDGET CHANGE REQUESTS FOR NEXT YEAR

Please provide rationale for budget *changes* (attach budget request sheets for entire annual budget).

Budget Request(s): Animal Science **Amount**	**Account Code**	**Rationale** (include connection to other plans)**:** *See Appendix A 2011-12 Budget Proposal Animal Science*
+$499	1100-25100-3000-010240	Workers compensation for student workers. See Current Year Progress and Objectives 2, 3, 4.
+$9,272	1100-25100-4310-01240	Increase due to inflation. Increase in the cost of hay, grain, & vaccines (with no increase in quantity of product). See Current Year Progress and Objectives 2, 6.
+$50	1100-25100-4325-010240	Increase in the cost of fly control. See Current Year Progress and Objectives 2, 6.
+$3,100	1100-25100-5050-010240	Increase in the cost of shoes for horses and increase in the cost for Veterinary services. See Current Year Progress and Objectives 2, 6.

Budget Request(s): Rodeo Amount	Account Code	**Rationale** (include connection to other plans): *See Appendix B 2011-12 Budget Proposal Rodeo*
+$8,000	1100-25510-1240-083550	Coaches needed to sustain student success and safety. Cannot find qualified local volunteer to provide adequate support, instruction, and safety of rodeo students. See Current Year Progress and Objectives 2, 4, 10.
+$3,525	1100-25510-4310-083550	Increase in the cost of hay due to inflation with no increase in tonnage and increase cost for arena maintenance. See Current Year Progress and Objectives 2, 6, 10.
+$1,950	1100-25510-5073-083550	Increase cost in leases and rentals due to increase in cost for steer rental. See Current Year Progress and Objectives 2, 6, 10.
+$4,625	1100-25510-5100-083550	Costs associated with coaching and travel. Expenses that coaches are not currently being reimbursed for. See Current Year Progress and Objectives 6, 10.
+$875	1100-25510-5905-083550	Increase in cost for use of fairgrounds. See Current Year Progress and Objectives 6, 10.

Budget Request(s): Agriculture Amount	Account Code	**Rationale** (include connection to other plans): *See Appendix C 2011-12 Budget Proposal Agriculture*
+$369	1100-21200-3000-010240	Workers compensation for student workers. See Current Year Progress and Objectives 2, 3, 4.
+$2,200	1100-21200-4310-010240	Increase due to inflation. Increase in the cost of building and welding supplies. See Current Year Progress and Objectives 6, 8.
+$660	1100-21200-5999-010240	Increase in need for repairs and fuel for tractor driving classes and cost per mile for Agriculture truck to reimburse motor pool. See Current Year Progress and Objectives 6.

SUMMARY UPDATE FROM COMPREHENSIVE PROGRAM REVIEW

Based on data provided:

1. Describe the current status of the Program/Depart/Service Area.

The Agriculture Department continues to attract students from across the US for our quality equine program and national ranking rodeo program. Our faculty continues to provide quality academics, help our students develop career skills, and/ or transfer to four year colleges. The real challenge is to continue to provide these academic goals and still have adequate funding so that we can sustain the Agriculture Department's annual and long term objectives. Over the last several budget cycles, the budget process has placed us in a position to begin each year with insufficient funds necessary to operate the academic programs. We believe our current funding levels are

sufficient for "maintaining" our program; however, inflation of operating expenses will need to be funded above our current level. Unfortunately, achieving this survival goal is so essential that all other goals, although important in their own right, become secondary.

Enrollment in the Agriculture Department programs (EQS, Rodeo, etc.) seems to be strong (Appendix D Table 1. Agriculture Department Unique Student ID's). In fact, with the potential for FRC unfunded FTE, we will need to depend on other departments to provide growth funding. We are projecting the expenses for the Ag Department will increase over time. We will need to develop a strategy to address potential cap of Ag Department enrollment and increasing operating expenses.

To improve the cost effectiveness and overall efficiency of the Agriculture Department, we have attempted to reduce expenditures to improve the department's cost efficiency. For example, we are constantly negotiating with hay farmers to find the best quality hay for the least expensive price. The horse program has "eliminated" some non-useful horses as well as increased the number of horses sold annually. The horse program has also been re-evaluating the annual vaccinations to see where expenses can be reduced. The rodeo team has decreased the amount of travel money given to students and increased the student fees to help cover costs. Fundraising efforts have been increased.

The Agriculture Department staff has contributed our current year "working" objectives. We believe that they adequately reflect our Agriculture Department's requirements for an effective, academic program until the next scheduled program review; however, we have reduced the number of objectives due to lack of funding. We will have new and revised objectives and initiatives at the next program review.

2. Explain significant issues and/or changes that have occurred since the last comprehensive review.

The Agriculture courses (degree and certificates), the Equine Studies Program (degrees and certificates), and the Intercollegiate Rodeo Program have been centralized into an Agriculture department;

- An Agriculture mission statement and program outcomes have been developed;
- Course prefix and numbering system have been reorganized
- Agriculture courses have been cross-listed with other department courses

- **Programs and Services:** The first major development in this plan is to consolidate all programs under one Agriculture department. We believe that this is the first step in completing our Agriculture Enrollment Management Plan (AEMP) (See Appendix E Agriculture Statistics Table 1. Agriculture Department Student Enrollment Statistics; Chart 1. Equine Studies Student Head Count; Chart 2. Agriculture Student Head Count). We can now focus on specific objectives. For example, we have been able to concentrate on transferring some of our students into four-year colleges, utilizing these institutions' academic models, thus making it easier for students to transfer. This planning attracts students who may not have previously considered attending FRC for their general education requirements. Consequently, enrollment in the Agriculture Department is

growing at a steady level and is close to capacity (Appendix D; Table 2. Agriculture Department Student Census Enrollment). We are making progress in developing an enrollment management plan to control the number of students by exploring the possibility of limited enrollment and designing new courses for underprepared students.

We continue to develop our Agriculture curriculum to improve our instructional outcomes. We have completed the new A.S. degree in Agriculture. Our Men's Rodeo Program in four years has gone from start-up to recently ranked as high as second in the nation; the Women's Rodeo Program has gone from start-up to ranked as high as fourth in the nation. We converted the Head Rodeo Coach's position from classified into a full-time tenured faculty position and hired three assistant coaches.

Our annual horse sale continues to be a major event for our students and community. In the spring of 2008, we reorganized the horse sale to offer only FRC horses. That year, we had a gross sale of over $50,000. The proceeds of the sale have enabled our students to earn $5,000 in commission on the sale of the horses, and provide funds to pay off our lease/ purchase for our modular classroom.

There are several new goals (see below) in programs and services where we are making progress. We will incorporate these into our next Agriculture Department program review.

- **Facilities, Equipment and Supplies:** The accomplishments that we have completed in this area have been satisfactory.

    - New covered stalls have been installed on campus for student-owned horses in both Equine Studies and Rodeo.
    - The "old" EQS classroom is in the process of being remodeled into a Rodeo classroom; this includes student bathrooms, first-aid center, audio-visual instructional equipment, and faculty office space.
    - Until new housing is constructed, Agriculture student intern housing has closed; the lack of interns working has put significant financial pressure on the Agriculture budget and staff workloads. To assist in this new financial challenge, we have created a new program for students to "work off" their horse board fees.
    - A plan is being developed to construct a new horse breeding facility, which will assist us in our animal science and horse reproductive classes, produce income for the Foundation, improve healthcare of the broodmares and foals, and to allow students and staff to care for horses indoors instead of outside in the winter weather.
    - We are in the beginning stages of providing a covered rodeo arena with solar panels to provide electricity and year round use of the arena.
    - We are planning to relocate the Ag welding shop from the Voc Tech Building to the storage/warehouse next to the Ag classroom
    - Progress has been made towards our goal for watershed water quality. Livestock holding pens have been reshaped for improved drainage. Plans are in the works to cover and provide settling ponds for the rodeo livestock manure to then be

hauled away and utilized as topsoil.

We are continually challenged in providing sufficient funding for our operational expenses related to the academic program. A looming issue is a master facility plan that will address replacement of some of our existing facilities and equipment. Currently, under the budgeting process we have not been able to set aside resources to repair and replace our facilities and equipment.

3. Briefly explain significant changes expected during the upcoming year.

During the upcoming year, the Agriculture Department will focus its efforts on providing a quality education to our Agriculture students while attempting to remain fiscally responsible to the rest of the college's other operations. **We are intentionally either reducing or keeping flat our operating expenses and not increasing them for anticipated new students and/or growth in our program**. Without a current enrollment plan, the Agriculture Department will continue to grow despite our current limited resources. We will be prepared for new academic challenges once Feather River College navigates through these tough economic times. Updating and innovating program ideas are limited.

Ag program staff is very concerned about a trend of underprepared students enrolling in our program who are not successful in some of our more challenging courses (Appendix D; Table 3. Agriculture Department Student Success Rate). Our 4-year college transfer students are having difficulties enrolling in our limited general education courses; scheduling courses each semester to transfer has been a major problem for our students.

APPENDIX

Attach supporting documents as appropriate. Please see Instructions for examples of supporting documents per Management Area.

Appendix A: Animal Science 2011-2012 Budget Proposal
Appendix B: Rodeo 2011-2012 Budget Proposal
Appendix C: Agriculture 2011-2012 Budget Proposal
Appendix D: Institutional Researcher Ag Data 2010
Appendix E: Agriculture Department Statistics 2010
Appendix F: Midterm Program Review
Appendix G: Agriculture Studies Flow Chart
Appendix H: Mission Statement & Program Outcomes

Appendix A 2011-2012 BUDGET PROPOSAL

RESPONSIBILITY Russell Reid

FUND CODE: 1100 25100
ORGANIZATIO 10240 Animal Science

FEATHER RIVER COMMUNITY COLLEGE DISTRICT

ACCOUNT CODE	ACCOUNT TITLE (Please provide specific detail supporting *Proposed Budget Request*.)	Strategic Planning Goals & Objective Policy Area (If Applicable)	2009-10 ENDING BUDGET	2009-10 ACTUAL	2010-11 ADJUSTED FINAL BUDGET	2011-12 PROPOSED BUDGET REQUEST
2335 Student Assistants	**Student Employment** 3 Equine Health & Nutrition Student Assistants @ 20 hours/ week for 52 weeks (total 3120 hours) = $24,960	1.1.6; 2.1.1; 2.2.1; 2.2.2; 2.2.3; 2.3.2; 2.3.1; 3.1.5				**$ -**
3000 Fringes	**Workers Compensation @ 2%**	1.1.6; 2.1.1; 2.2.1; 2.2.2; 2.2.3; 2.3.2; 2.3.1; 3.1.5				**$ 499**
4310 Instructional Supplies	Hay for livestock: 420 tons @ $185 = $77,700 Feed Supplements: grain:$6,100 mineral & salt = $3,800 Vaccine: $14,000 & Wormer: $3,500 Vet Supplies: Bandages, Syringes, etc = $4,400 Misc. Supplies: Office, riding and grooming supplies = $3,000 Arena Maintenance: Sand, grader, loaders $4800	1.1.6; 2.1.1; 2.2.1; 2.2.2; 2.2.3; 2.3.2; 2.3.1; 3.2.1; 3.2.2; 3.2.3; 3.2.4; 3.2.5; 3.2.6	**$ 101,107**	**$ 99,488**	**$ 108,028**	**$ 117,300**
4325 Non Instructional Supplies	Facility and fence repairs, fly predators	3.2.1; 3.2.2; 3.2.3; 3.2.4; 3.2.5; 3.2.6	**$ 875**	**$ 875**	**$ 950**	**$ 1,000**

5020 Dues and Memberships	California Agriculture Teachers Association: $140 Upper Feather River Watershed Group: $140 Equine Science Society $70	1.1.7; 1.1.8 3.1.2	**$ 350**	**$ 279**	**$ 350**	**$ 350**
5050 Consultants	Farrier trims @ $40 = $10,000 and shoes @ $90 = $17,000 Veterinary Care: Normal and emergency care = $16,000	1.1.6; 2.1.1; 2.2.1; 2.2.2; 2.2.3; 2.3.2; 2.3.1; 3.2.1; 3.2.2; 3.2.3; 3.2.4; 3.2.5; 3.2.6	**$ 39,900**	**$ 42,627**	**$ 39,900**	**$ 43,000**
5073 Other rents and leases	Les Vogt Textbook Licensing Fee	1.1.6; 2.1.1; 2.2.1; 2.2.2; 2.2.3; 2.3.2; 2.3.1; 3.2.1; 3.2.2; 3.2.3; 3.2.4; 3.2.5; 3.2.6	**$ 1,250**	**$ 1,250**	**$ 1,250**	**$ 1,250**
5101 Student Travel	Field trip to San Luis Obispo for RFDTV, California State Fair for judging Training Clinics, and Sacramento Horse Expo.	1.1.7; 1.1.8 3.1.2	**$ 1,701**	**$ 623**	**$ 1,000**	**$ 1,000**
5940 Publishing Services	Recruiting Materials = $1,800 Western Horseman 1 month = $1,300 Other advertising and publishing = $500	1.1.1; 1.1.7 2.2.3 2.3.1; 2.3.2; 2.4.2; 2.4.3	**$ 1,174**	**$ 1,173**	**$ 1,800**	**$ 1,800**
5999 Other Operational Expenses	Figure quoted by Nick Boyd Motor pool upkeep of feed trucks and tractor = $7,935 AG truck and trailer expenses: 2,000 miles @ $0.85 per mile = $1,700	3.2.1; 3.2.2; 3.2.3; 3.2.4; 3.2.5; 3.2.6	**$ -**	**$ -**	**$ 9,635**	**$ 9,635**
			$ 146,357	**$ 146,315**	**$ 162,913**	**$ 175,834**

Appendix B 2011-2012 BUDGET PROPOSAL

RESPONSIBILITY: Russell Reid

FUND CODE: **1100 GENERAL - UNRESTRICTED**
ORGANIZATION C **25510 Rodeo**

FEATHER RIVER COMMUNITY COLLEGE DISTRICT

ACCOUNT CODE	ACCOUNT TITLE (Please provide specific detail supporting *Proposed Budget Request*.)	Strategic Planning Goals & Objectives Policy Area (If Applicable)	2009-10 ENDING BUDGET	2009-10 ACTUAL	2010-11 ADJUSTED FINAL BUDGET	2011-12 PROPOSED BUDGET REQUEST
1240	Men's and Women's Coaches and Assistant coaches	2.3.1; 3.2.3	**$ 32,000.00**	**$ 31,500.00**	**$ 31,500.00**	**$ 39,500.00**
Other		3.2.4				
Noncertificated						
3000	Fixed fringes	2.3.1; 3.2.3				
Fringes		3.2.4	**$ 4,786.00**	**$ 3,135.00**	**$ 4,786.00**	**$ 4,786.00**
4310	235 ton of hay/ $185 ton =$43,475.00	1.1.6; 2.1.1;	**$ 41,399.00**	**$ 39,807.00**	**$ 49,969.00**	**$ 53,494.00**
Supplies-	**Vaccines=**	2.2.1; 2.2.2;				
Instructional	Mycotil-$410.00, Nuflor-$616.00, Rumensin Blocks-$248.00	2.2.3; 2.3.2;				
	Grain-$689.00	2.3.1; 3.2.1;				
	Office supplies =	3.2.2; 3.2.3;				
	toner,clipboards,stopwatches, batteries-$325.00	3.2.4; 3.2.5;				
	Wheel barrows-$540.00, hay Forks- $110.00, ear tags-$140.00,	3.2.6				
	horn wraps-$240.00, Protective gear for stock-$1,526.00					
	arena repair materials-$2,600.00					
	arena sand= $2,575.00					

5031 Liability Insurance	NIRA National Intercollegiate dues 49 students * 290.00= $14,210.00 Rodeo student insurance	1.1.6; 2.1.1; 2.2.1; 2.2.2; 2.2.3; 2.3.2; 2.3.1; 3.2.1; 3.2.2; 3.2.3; 3.2.4; 3.2.5; 3.2.6	**$ 13,800.00**	**$ 13,800.00**	**$ 14,210.00**	**$ 14,210.00**
5060 Postage & Shipping			**$ 212.00**	**$ 211.00**		
5073 Other Rents and Leases	60 steers @ $30.00/month * 6.5 months= $11,700.00 20 Calves @ 100.00 a piece=$2,000.00 Pasture lease-$1500.00	1.1.6; 2.1.1; 2.2.1; 2.2.2; 2.2.3; 2.3.2; 2.3.1; 3.2.1; 3.2.2; 3.2.3; 3.2.4; 3.2.5; 3.2.6	**$ 11,750.00**	**$ 11,700.00**	**$ 13,250.00**	**$ 15,200.00**
5100 Employee Travel Expense	4 Close rodeos in Northern CA. 45 students traveling 10 nights rooms @68.40 =684.00 Per diem=1,710.00 5 far rodeos- 40 students traveling 14 nights rooms@ 84.58= 1,184.12 Per diem=3,395.00 Employee Fuel Travel Costs, Rodeo Trucks, Hauling practice livestock, hauling student horses=$2,875.00 8 recruiting trips to Northern Nevada and Northern CA=$1,750.00	1.1.6; 2.1.1; 2.2.1; 2.2.2; 2.2.3; 2.3.2; 2.3.1; 3.2.1; 3.2.2; 3.2.3; 3.2.4; 3.2.5; 3.2.6	**$ 11,598.00**	**$ 11,178.00**	**$ 6,973.00**	**$ 11,598.00**

5101 Student Travel	4 close rodeos Rooms= $8.980.00 Per Diem=$9,857.00 5 far rodeos rooms= $3,108 x 5=$15,540.00 Per Diem= 12,848.00 CNFR 3 rooms for 14 nights @ $85.00 a night =$3,570.00 Per diem= 16 days @ $20.00 * 10 students= $3,200.00 3 rigs traveling 2018 miles @ 32 cents a mile = $1,937.28	1.1.6; 2.1.1; 2.2.1; 2.2.2; 2.2.3; 2.3.2; 2.3.1; 3.2.1; 3.2.2; 3.2.3; 3.2.4; 3.2.5; 3.2.6	**$ 54,742.00**	**$ 54,281.00**	**$ 55,932.00**	**$ 55,932.00**
5905 Events and Programs	Annual College rodeo Rodeo Stock Contractor= 9000 Judges=1000 Announcer= 1000 Sound man= 1250 Fairgrounds fees=2875	1.1.6; 2.1.1; 2.2.1; 2.2.2; 2.2.3; 2.3.2; 2.3.1; 3.2.1; 3.2.2; 3.2.3; 3.2.4; 3.2.5; 3.2.6	**$ 12,750.00**	**$ 12,749.00**	**$ 14,250.00**	**$ 15,125.00**
5940 Publishing Services	Recruitment, advertising, printing Newsletters=510.00 Programs for rodeo= 495 Advertising= 350 Printing 690	1.1.6; 2.1.1; 2.2.1; 2.2.2; 2.2.3; 2.3.2; 2.3.1; 3.2.1; 3.2.2; 3.2.3; 3.2.4; 3.2.5; 3.2.6	**$ 1,833.00**	**$ 1,644.00**	**$ 2,045.00**	**$ 2,045.00**
5999 Other Operational Expenses	AG truck and trailer expenses for 10,000 miles @ $0.85 per mile = $8,500	3.2.1; 3.2.2; 3.2.3; 3.2.4; 3.2.5; 3.2.6			**$ 8,500.00**	**$ 8,500.00**
			$ 184,870.00	**$ 180,005.00**	**$ 201,415.00**	**$ 220,390.00**

Appendix C 2011-2012 BUDGET PROPOSAL

RESPONSIBILITY: Russell Reid

FUND CODE: **1100 GENERAL - UNRESTRICTED**
ORGANIZATION C **21200 Agriculture**

FEATHER RIVER COMMUNITY COLLEGE DISTRICT

ACCOUNT CODE	ACCOUNT TITLE (Please provide specific detail supporting *Proposed Budget Request*.)	Strategic Planning Goals & Objectives Policy Area (If Applicable)	2009-10 ENDING BUDGET	2009-10 ACTUAL	2010-11 ADJUSTED FINAL BUDGET	2011-12 PROPOSED BUDGET REQUEST
2335	**Student Employment**	1.1.6; 2.1.1;				
Student	1student office assistant at 12 hours per week for 42 weeks= $4032	2.2.1; 2.2.2;				**$ -**
Assistants	1student instructional assistant at 12 hours per week for 42 weeks = $4,032	2.2.3; 2.3.2;				
	2 Ag Facilities/Maintenance/Repair Student Assistant @12.5 hrs/wk	2.3.1; 3.1.5				
	for 52 weeks = $10,400					
3000	**Workers Compensation @ 2% of $18,464**	1.1.6; 2.1.1;				**$ 369**
Fringes		2.2.1; 2.2.2;				
		2.2.3; 2.3.2;				
		2.3.1; 3.1.5				
4310	**Gen Ag Classes: $7,200**	1.1.6; 2.1.1;	**$ 22,575**	**$ 27,362**	**$ 14,400**	**$ 16,600**
Instructiona	Building material for lab (lumber, nails, screws) $3,600	2.2.1; 2.2.2;				
Supplies	Tools and supplies (saw blades, drill bits, hammers) $2,800	2.2.3; 2.3.2;				
	Teaching supplies, Office supplies, DVDs $800	2.3.1; 3.2.1;				
		3.2.2; 3.2.3;				
	Ag Metal Structure/ Welding: $9,400	3.2.4; 3.2.5;				
	Gas & Oxygen & tank rental utilized in class $3,800	3.2.6				
	Tools & supplies (Welding tips, gloves, rods, helmet, strikers) $2,200					
	Metal for practise and testing $2,600					
	Supplies: Welding DVDs, Books, reference material, shop manual $800					

5101 Student Travel	Field trip to CSU Chico Farms, Sierraville, Local Ranches	1.1.7; 1.1.8 3.1.2	**$ 340**	**$ 1,136**	**$ 340**	**$ 340**
5999 Other Operational Exp	Fuel/ oil/ repairs for tractor used in tractor driving class, equipment & trucks used in Ag classes. Reimbursement to FRC motor pool 1800 @ $0.85 per mile for Ag truck = $1530.00	3.2.1; 3.2.2; 3.2.3; 3.2.4; 3.2.5; 3.2.6	**$ 1,370**	**$ 1,071**	**$ 2,170**	**$ 2,830** $ 660
			$ 24,285	**$ 29,569**	**$ 16,910**	**$ 20,139**

Agriculture Department Number of Sections
Spring 2009 to Fall 2010

Course	200930	200950	200970	201010	201030	201050	201070	Grand Total
AG084	1							1
AG125	1							1
AG140	1							1
AG150	1							1
AG164	1							1
AGAB088			1				1	2
AGAB110			1				1	2
AGAB112					1			1
AGAB150					1			1
AGAS120					1			1
AGEQ001			4		4		1	9
AGEQ006					1			1
AGEQ009					1			1
AGEQ102			1				1	2
AGEQ103			3		2		3	8
AGEQ104			1				1	2
AGEQ105			1		1		1	3
AGEQ106			2		3		2	7
AGEQ107					1			1
AGEQ108					1		1	2
AGEQ140			2				2	4
AGEQ141					2			2
AGEQ175		1				1		2
AGEQ180			4		4		2	10
AGEQ181			4		4		2	10
AGEQ182			1		1		1	3
AGEQ184			1		1		1	3
AGEQ186			1				1	2
AGEQ202		4	4					8
AGEQ205			3		3		3	9
AGEQ208			1		1		1	3
AGEQ210			1				1	2
AGEQ212					1			1
AGEQ214			1		1		1	3
AGEQ225			1		1		1	3
AGEQ280			4		4		2	10

10	Winter
30	Spring
50	Summer
70	Fall

Agriculture Department Number of Sections
Spring 2009 to Fall 2010

AGEQ281			4	4		2	10
AGEQ299				3	4	4	11
AGMA084				1			1
AGMA108						1	1
AGMA116				1		1	2
AGMA132				1		1	2
AGMA140		1		1			2
AGMA146			1			1	2
AGMA160			1				1
EQS001	1						1
EQS006	1						1
EQS009	1						1
EQS103	2						2
EQS105	1						1
EQS106	3						3
EQS107	1						1
EQS108	1						1
EQS141	2						2
EQS180	1						1
EQS181	1						1
EQS182	1						1
EQS184	1						1
EQS186	1						1
EQS202	1						1
EQS205	3						3
EQS208	1						1
EQS212	1						1
EQS214	1						1
EQS225	1						1
EQS280	1						1
EQS281	1						1
Agriculture Total	**33**	**6**	**48**	**51**	**5**	**40**	**183**

As of 9-15-2010

Appendix E. Table 1.Agriculture Department Student Enrollment Statistics
Spring 2004-Fall 2010

		EQS FTE[1]	EQS HDCT[2]	AG FTE[1]	AG HDCT[2]
	Spring	26.02	260		
	Summer	9.57	48		
2004	Fall	56.61	423		
	Spring	36.26	397		
	Summer	13.42	45		
2005	Fall	55.39	522		
	Spring	**40.63**	**402**		
	Summer	**5.78**	**24**		
2006	Fall	**42.78**	**433**	**9.13**	**71**
	Spring	**39.44**	**407**	**10.43**	**68**
	Summer	**15.55**	**84**		
2007	Fall	**48.87**	**462**	**11.78**	**91**
	Spring	37.44	338	12.1	79
	Summer	4.96	18		
2008	Fall	50.12	405	7.49	61
	Spring	37.05	364	11.52	75
	Summer	9.06	26	0.66	3
2009	Fall	45.77	445	14	121
	Spring	40.38	448	20.81	144
	Summer	5.74	21	0	0
2010	Fall		546		84

Average Enrollment Spring 2004 - Fall 2010

	AG		EQS		Total	
	HC	**FTE**	**HC**	**FTE**	**HC**	**FTE**
Spring	92	13.7	374	36.7	466	50.4
Summer	2	0.3	38	9.2	40	9.5
Fall	86	10.6	462	49.9	548	60.5
Total	180	24.6	874	95.8	1054	120.4

HC = Head Count

Appendix F
Feather River College
MIDTERM PROGRAM REVIEW
Professional & Technical Studies Division

AGRICULTURE DEPARTMENT

Program Name: **Agriculture (previously Equine Studies)**

Department Chair: **Russell Reid**

Date of Last Full Program Review: **12-18-06**

Date of Mid-term Review: **10-29-08**

1. Describe any significant changes to your program since the last full program review.

- The Agriculture courses (degree and certificates), the Equine Studies Program (degrees and certificates), and the Intercollegiate Rodeo Program have been centralized into one department, Agriculture *(Attachment 1)*;
- A mission statement and program outcomes have been developed *(Attachment 2)*;
- Course prefix and numbering system have been reorganized *(Attachment 3A)*; and
- Agriculture courses have been cross-listed with other department courses *(Attachment 3B)*.

2. Discuss new program goals and initiatives that are underway.

Perhaps this is not a new program goal. However, our primary focus is to have adequate funding so that we can sustain the Agriculture Department. Over the last two budget cycles, the budget process has placed us in a position to begin each year with insufficient funds, and then have to come back to grapple for the additional funds necessary to operate the academic program. Unfortunately, achieving this survival goal is so essential that all other goals, although important in their own right, are secondary.

After careful review by our staff of our current "working" goals and objectives (Program Review of 12-18-06), we believe that they adequately reflect our new Agriculture Department's requirements for an effective, academic program until the next scheduled program review.. We will have new and revised goals and initiatives at that time.

3. List all progress made toward meeting the goals and objectives identified in the last full program review. Identify any obstacles to achieving these objectives.

- **Programs and Services:** The first major development in this plan is to consolidate all program aspects under one department, Agriculture. We believe that this is the first step in completing our Enrollment Management Plan (EMP). We can now focus on specific objectives. For example, we have been able to concentrate on transferring some of our students into four-year colleges, utilizing these institutions' academic models, making it easier for the student to transfer. This encourages the student to attend FRC. We are making progress in developing a plan to control enrollment with minimum proficiency

evaluations, exploring the possibility of limited enrollment, and designing new courses for underprepared students.

We continue to develop our Agriculture curriculum to improve our instructional outcomes. We have completed the new A.S. degree in Agriculture. Our Men's Rodeo Program in four years has gone from start-up to recently ranked third in the nation; the Women's Rodeo Program has gone from start-up to recently ranked fourth in the nation. When both rankings are combined, **we are number one in the national standings**, <u>including competition against four-year academic institutions</u>. We recently converted the Head Rodeo Coach's position from classified into a full-time tenured faculty position.

Our annual horse sale continues to be a major event for our students and community. In the spring of 2008, we reorganized the horse sale to offer only FRC horses. We had a gross sale of over $50,000. The proceeds of the sale have enabled our students to earn $5,000 in commission on the sale of the horses, and provide funds to pay for our new modular classroom.

There are several goals in programs and services that we are still making progress on. We will incorporate these into our next Agriculture Department program review.

- **Facilities, Equipment and Supplies:** The accomplishments that we have completed in this area have been satisfactory.

  - New covered stalls have been installed on campus for student-owned horses in both Equine Studies and Rodeo.
  - The "old" EQS classroom into a Rodeo classroom is in the process of being remodeled; this includes student bathrooms, first-aid center, audio-visual instructional equipment, and faculty office space.
  - A plan is being developed to construct a new horse breeding facility, which will assist us in our animal science and horse reproductive classes.

We are continually challenged in providing sufficient funding for our operational expenses related to the academic program. A looming issue that will need to be resolved is a facility plan that will address replacement of some of our existing facilities and equipment. Currently, under the budgeting process we have not been able to set aside resources to repair and replace our facilities.

4. Identify and discuss any changes in requests for resources for this program.

We believe that the significant changes in requests for resources have been in trying to keep up with the "inflationary" cost of our program. For example, the costs of hay and student travel have adversely affected our operating budget. The continued growth of our Rodeo Program has required us to fund additional coaches to maintain safety and educational

integrity for the program. We are currently attempting to find the resources to remodel the Rodeo classroom and our student-manager housing (students that reside on campus to assist in the care of the college's livestock). During these challenging financial times, we are committed to maintaining our academic program at a quality level with the least possible impact on the college's financially constrained budgets.

5. Describe how the Student Learning Outcomes Assessment Cycle (SLOAC) process has been implemented in this program.

We are very pleased with the progress of developing new and revising old course outlines in our department, including the development of new student learning outcomes. We have developed an assessment cycle that properly reflects these new SLO, including those for EQS 102, 103, 140, and 141. The staff has been very enthusiastic in developing an appreciation for this "required" task. We certainly are realizing that finding the appropriate assessment method for each one of these classes is a challenge. We are following the guidelines of the Office of Instruction, and are committed to meeting the timelines for completion of the SLOAC process for all of our courses.

6. List the dates of the advisory committee meetings since the last review.

In 2008, we reorganized our advisory committee into one that represents a more diverse group of participants to advise us in our Agriculture Program. We have met with our new Agriculture Advisory Committee in a classroom full of our students on February 1, 2008. The Chief Instructional Officer, Dr. Michael Bagley, was in attendance. We had a follow-up meeting on May 6, 2008.

The "old" AG/Rodeo/EQS Committee continues to meet regularly as our Rodeo Advisory Committee, as follows:

2007	**2008**
February 13	February 12
April 10	April 1
May 15	May 13
July 17	July 22
August 7	August 12
August 21	September 9
September 4	
September 11	
October 16	

Appendix F
Feather River College
MIDTERM PROGRAM REVIEW
Professional & Technical Studies Division

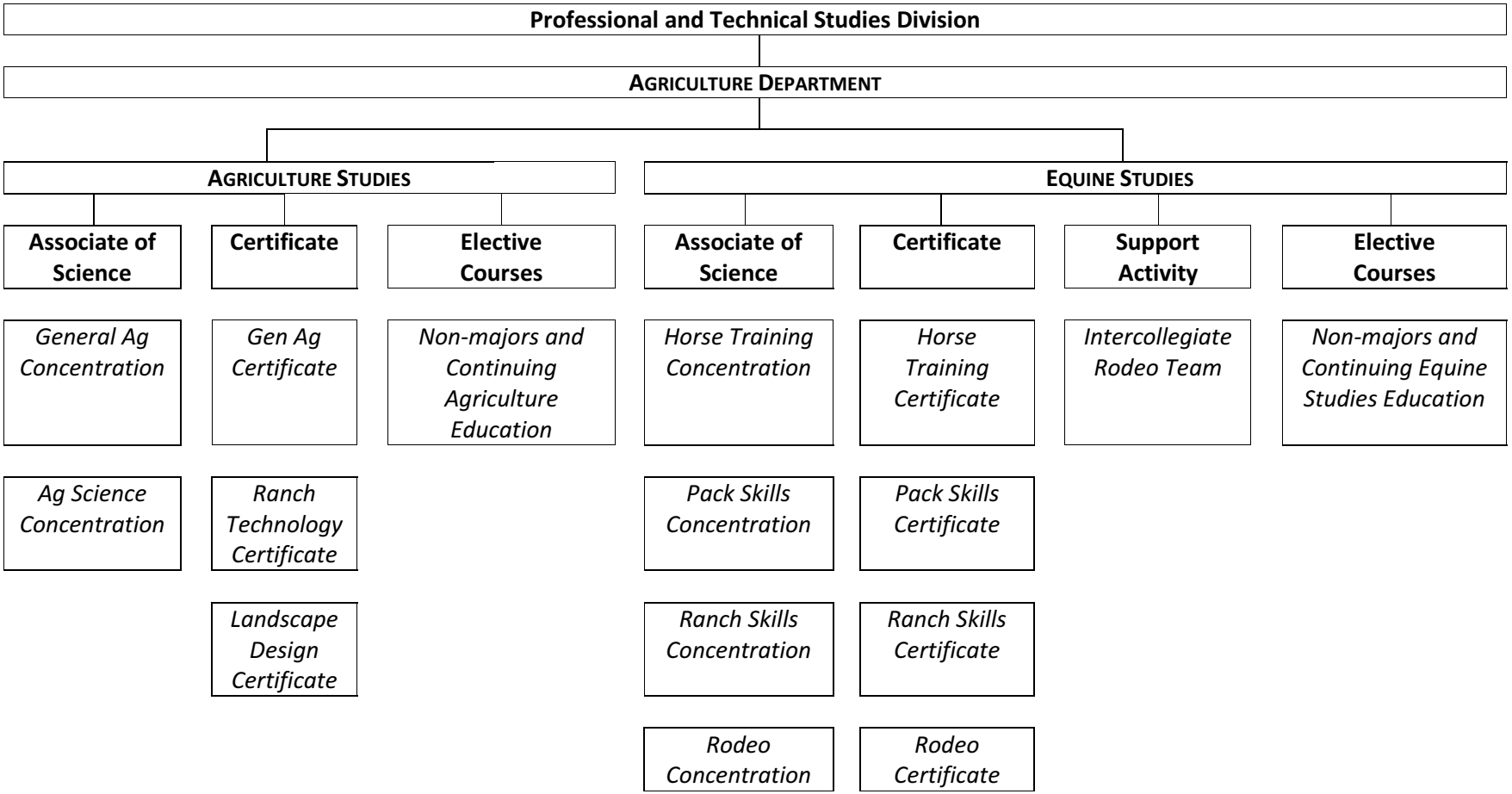
AGRICULTURE DEPARTMENT

Appendix G

Feather River College

AGRICULTURE DEPARTMENT

Agriculture Studies Flow Chart



Appendix H

Mission Statement

To provide our students with an excellent academic experience at a state-of-the-art facility where students prepare for diverse occupational opportunities in the field of Agriculture.

Program Outcomes

Upon degree completion, graduates will acquire the following;

- Theoretical knowledge, practical experience and skills of modern procedures, reflecting the technology and science-based nature of agriculture and animal resource management.
- Knowledge of concepts and theories for a balance between production and protection of soil, plant, and animal resources.
- An ability to analyze data and solve problems related to the agricultural field.
- A proficiency in critical reading, writing, and oral language skills in the agriculture occupational context.
- An ability to enter employment in a field that is agriculture related or transfer to a college of agriculture at a four-year university.