**NARRATIVE TEMPLATE for a (credit) Certificate of Achievement**

**Item 1. Program Goals and Objectives**

The goal of this certificate of achievement program is to provide occupational skill training for students seeking a career in the Career Technical Education (CTE) field of equine science. Upon completion of this program, students will be able to:

* Exhibit a high level of work ethic and good time management skills.
* Work in group settings to accomplish team goals.
* Utilize equipment and technology commonly utilized in the livestock industry and related fields.
* Apply ethical animal husbandry practices and industry-accepted quality assurance measures to the responsible production, processing, and marketing of livestock and animal products.
* Demonstrate basic animal management skills in regard to behavior, parturition, identification, nutrition, reproduction and health for common livestock species.

It is anticipated that many students would seek employment in the equine field directly after completion of this certificate of achievement program. However, some of the courses within this program would also apply if students decided to pursue an Associate of Science degree or transfer to a four-year university for further study.

**Item 2. Catalog Description**

This program emphasizes development of the basic skills required for students seeking entry-level employment in the equine industry. Emphasis will be placed on animal behavior & handling, safety, feeding, breeding, environmental management, marketing, health maintenance and common veterinary procedures. Students who complete this program may gain employment as an assistant trainer, show groom, breeding assistant, equine supervisor, or barn manager. Courses may also be applied toward other certificate of achievement and/or associate of science degree programs in animal science.

**Item 3. Program Requirements**

Equine Certificate of Achievement

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Requirements** | **Dept. Name/#** | **Name** | **Units** | **Sequence** |
| Required Courses (12 units) | AS 21  AS 22  AS 24  AS 25  AS 26  AS 27 | Equine Science  Equine Reproduction  Equitation  Basic Equine Handling  Western Riding & Horsemanship  Introduction to Horse Training | 3  3  2  1  2  1 | Yr 1, Fall  Yr 1, Spring  Yr 1, Fall  Yr 1, Fall  Yr 1, Spring  Yr 1, Spring |

Required Core Total: 12units

TOTAL UNITS: 12 units

Proposed Sequence:

Year 1, Fall = 7 units

Year 1, Spring = 5 units

TOTAL UNITS: 12 units

**Item 4. Master Planning**

As do all instructional programs on the Reedley College campus, the Animal Science Program participates in a regular program review process. The last program review document, submitted in Fall 2010, highlighted the need to ensure that the selection of certificate and degree offerings provide realistic program completion opportunities for all students, including the many students who are unable to complete the general education requirements for the Associate of Science degree options. The current selection of program options for animal science students is very limited. Adding this new program will enable a greater number of students to become program completers and become immediately employable in the field of animal science.

In addition to utilizing the program review process for program improvement, the animal science program meets twice annually with an industry-based advisory committee to discuss industry/workplace needs and the enhancement of instructional programs to facilitate those needs. Discussions often focus on specific skill sets desired by employers as well as current industry trends and issues with which students must be familiar upon program completion. The equine science field is one occupational area that has been proposed as a possible area of expansion due to the tremendous interest in equine within the college’s service area. Attached are the minutes from advisory committee meetings reflecting discussion items and recommendations for program improvement.

**Item 5. Enrollment and Completer Projections**

(A) Enrollment Data

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | 2012-2013 | | 2013-2014 | |
| CB01: Course Department Number | CB02: Course Title | Annual # Sections | Annual Enrollment Total | Annual # Sections | Annual  Enrollment Total |
| AS-21 | Equine Science | 1 | 18 | 1 | 24 |
| AS-24 | Equitation | 1 | 15 | 1 | 13 |
|  |  |  |  |  |  |

(B) Survey

In the case of a survey, the survey questionnaire, a description of the population surveyed, and survey results must be included.

N/A – No survey has been conducted.

Labor market information (LMI) reports often do not well reflect employment opportunities within the field of equine science. Many occupations are absorbed into broader career categories and are therefore difficult for which to find specific data. For example, jobs in equine nutrition and equine health cannot be extrapolated from the data. Nonetheless, state EDD labor market data have been presented below for some selected occupations pertinent to equine science. Students completing the equine certificate of achievement program could find entry-level employment in these categories and in related fields.

**State of California Employment Development Department**

**Occupational Projections of Employment 2012-2022**

**Statewide Data for Careers in Animal Science**

**Source:** [**http://www.labormarketinfo.edd.ca.gov/**](http://www.labormarketinfo.edd.ca.gov/)

|  |  |  |  |
| --- | --- | --- | --- |
| ***Code*** | ***Occupation*** | ***Projected***  ***Employment*** | ***Percent***  ***Change*** |
| 392011 | Animal Trainers | 5,600 | 21.7 |
| 119013 | Farmers, Ranchers, and Other Agricultural Managers | 106,600 | -17.4 |
| 450000 | Farming, Fishing, and Forestry Occupations | 360,400 | 11.3 |
| 452093 | Farmworkers, Farm and Ranch Animals | 13,700 | 3.0 |
| 451011 | First-Line Supervisors/Managers of Farming, Fishing, and Forestry | 11,500 | 7.5 |
| 451000 | Supervisors, Farming, Fishing, and Forestry Workers | 11,500 | 7.5 |
| 319096 | Veterinary Assistants and Laboratory Animal Caretakers | 9,600 | 4.4 |
| 292056 | Veterinary Technologists and Technicians | 10,400 | 20.9 |

**Item 6. Place of Program in Curriculum/Similar Programs**

After reviewing the program inventory in the CCC Curriculum Inventory, it was discovered that no certificates of achievement are currently on inventory for the TOP Code 010200 – Animal Science.

1. Do any active inventory records need to be made inactive or changed in connection with the approval of the proposed program? If yes, please specify.

No. This is a new certificate of achievement program, unlike anything that exists in the current inventory.

1. Does the program replace any existing program(s) on the college’s inventory? Provide relevant details if this program is related to the termination or scaling down of another program(s).

No. This is a new certificate of achievement program.

1. What related programs are offered by the college?

No other related programs are offered at Reedley College or within the State Center Community College District.

**Item 7. Similar Programs at Other Colleges in Service Area**

N/A – There are no other colleges within the defined Reedley College service area that offer a similar instructional program.