DEPT.: Agriculture  COURSE NO.: AGRI 1120

NUMBER OF CREDITS: 2

COURSE TITLE: Dairy Technician

CATALOG DESCRIPTION: This course was developed as an entry level course for the student to obtain skills necessary for introduction to the dairy industry as a technician.

AUDIENCE: Students interested in learning entry-level skills for the dairy tech industry.

FULFILLS MN TRANSFER CURRICULUM AREA(S) (Leave blank if not applicable)

PREREQUISITES OR NECESSARY ENTRY SKILLS/KNOWLEDGE: None

LENGTH OF COURSE: One semester

THIS COURSE IS USUALLY OFFERED:
Every other year [ ] fall [ ] spring [ ] summer [ ] undetermined [ ]

Four goals are emphasized in course at Minnesota West Community & Technical College:

1) ACADEMIC CONTENT:
   - Job safety training
   - Job ethics
   - Prepare equipment for milking
   - Proper milking technique
   - Note cows requiring attention: disease, injury, breeding
   - Proper cleanup and sanitation

2) THINKING SKILLS:
   - Using course information combined with on-farm laboratory experience to gain confidence in entering the dairy employment sector as a technician.

3) COMMUNICATIONS SKILLS:
   - Taking notes
   - Completing exams
On-farm discussions in native language

4) HUMAN DIVERSITY:
Educational advancement for diverse cultures
To enhance employability opportunities

TOPICS TO BE COVERED:
1. Job ethics
2. Employability skills
3. Milk and milk handling equipment
4. Cow handling and pre-milking preparation
5. Milking techniques
6. Disease diagnosis and information relay
7. Cow records – disease, treatment and breeding
8. Clean-up and sanitation procedures

LIST OF EXPECTED COURSE OUTCOMES:

LEARNING/TEACHING TECHNIQUES used in the course are:
☐ Collaborative Learning  ☐ Problem Solving
☐ Student Presentations  ☐ Interactive Lectures
☐ Creative Projects  ☐ Individual Coaching
☒ Lecture  ☒ Films/Videos/Slides
☐ Demonstrations  ☐ Other (describe below)
☒ Lab

ASSIGNMENTS AND ASSESSMENTS FOR THIS CLASS INCLUDE:
☒ Reading  ☒ Tests  ☐ Individual Projects
☐ Oral Presentations  ☒ Worksheets  ☐ Collaborative Projects
☐ Textbook Problems  ☐ Papers  ☐ Portfolio
☐ Group Problems  ☐ Term Paper
☐ Other (describe below)

EXPECTED STUDENT LEARNING OUTCOMES: Completion of Dairy Technician Evaluation at acceptable level. See attached evaluation.

Veteran Services: Minnesota West is dedicated to assisting veterans and eligible family members in achieving their educational goals efficiently. Active duty and reserve/guard military members should advise their instructor of all regularly scheduled military appointments and duties that conflict with scheduled course requirements. Instructors will make every effort to work with the student to identify adjusted timelines. If you are a veteran, please contact the Minnesota West Veterans Service Office.

The information in this course outline is subject to revision
To receive reasonable accommodations for a documented disability, please contact the campus Student Services Advisor or campus Disability Coordinator as arrangements must be made in advance. In addition, students are encouraged to notify their instructor.

This document is available in alternative formats to individuals with disabilities by contacting the Student Services Advisor or by calling 800-658-2330 or Minnesota Relay Service at 800-627-3529 or by using your preferred relay service.

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