

Golden Standards- Barron Agricultural Education- Dairy Cattle Genetics & Reproduction WITC - Transcribed Credit Course

- This course is transcribed with WITC- Rice Lake in the Dairy Herd Management program. Students taking the course at BHS must be on 11 or 12th grades, and earn at least 80% to receive the transcribed credit.
-
- Registration for credit takes place at the beginning of the term.
- This class will follow the outline and instruction of the Dairy Herd Management Instructor at WITC.

Course standards for this class are found through WITC- at the link below.

Class syllabus:

https://bb.witc.edu/webapps/blackboard/content/listContentEditable.jsp?content_id=1186_1&course_id=396_1&mode=reset

-Standards & Competencies listed on this document. Will change as WITC changes their outcomes.

Course materials:

https://bb.witc.edu/webapps/blackboard/content/listContentEditable.jsp?content_id=1187_1&course_id=396_1&mode=reset

Topics Covered within class:

- Reproductive Anatomy & Physiology
- Reproductive Synchronization Programs
- Genetics & Sire Selection

Additional BHS High School standards:

Overall- the Agricultural Education Program Standards – as stated by DPI-Ag/Natural Resources Team are to:

- ❖ to prepare students for careers in the agriculture industry;
- ❖ to support students in their career choices;
- ❖ to develop leadership skills in students to benefit their community and the food, fiber, and natural resource systems; and

- ❖ To develop premier leadership, personal growth and career success through agricultural education.

Common Career & Technical Standards- applied to all pathways within AFNR offerings at BHS

Students will be able to:

Content Area: 4C/Creativity, Critical Thinking, Communication and Collaboration

Standard: 4C1: Students will think and work creatively to develop innovative solutions to problems and opportunities.

Standard: 4C2: Students will formulate and defend judgments and decisions by employing critical thinking skills.

Standard: 4C3: Students will communicate and collaborate with others to accomplish tasks and develop solutions to problems and opportunities.

Content Area: CD/Career Development

Standard: CD1: Students will consider, analyze and apply an awareness of self, identity and culture to identify skills and talents.

Standard: CD2: Students will identify the connection between educational achievement and work opportunities in order to reach personal and career goals.

Standard: CD4: Students will identify and apply employability skills.

Content Area: LE/Leadership

Standard: LE1: Students will apply leadership skills in real-world, family, community and business and industry applications.

Content Area: IMT/Information, Media and Technology Skills

Standard: IMT1: Students will access, interpret and evaluate information from a variety of sources in order to inform and support premises, arguments, decisions, ideas and initiatives.

Specific Content Areas

Animal Science Pathway

Courses included: Ag Processing (AP/FS), Advanced Ag Processing (AAP), Some crossover in Large Animal Science, Dairy Reproduction, Dairy Cattle Management

Class: Dairy Cattle Management

**Class is also crosswalked with WI Science Standards, and counts for alternative science credit.*

*** CCTS and IMT standards listed above are included in this course.*

Golden Standard- WI <i>Agriculture, Food & Natural</i> <i>Resource Standards -2014</i> <u>AFNR Standard</u>	<u>Maroon Standard</u> <u>AFNR- Learning Priority</u>	<u>AFNR Performance Indicator/</u> <u>What does it look like</u>	<u>Assessment</u> <i>How will I know if</i> <i>students learned the</i> <i>information</i>
Participating in FFA & SAE events		<ul style="list-style-type: none"> • <u>Students will participant in relevant SAE and FFA leadership opportunities. See above for CCTS, Career Development, Leadership, and Instructional Media Standards</u> 	FFA Animal Evaluation Contests -Horse -Dairy Cattle -Livestock -Veterinary Science SAE - RElated awards- -Degrees -Proficiency applications in related areas