

CTE COURSE OUTLINE **(formerly known as Calendar of Units)**

All approved CTE programs are required to submit a course outline for each course taught at their school. The course outline is used for a number of purposes: they are needed to identify reimbursable courses, to determine if course content aligns with standards, and are helpful in the evaluation process.

Required elements of a course outline are:

- School Name
- Instructor Name(s)
- School Year
- Course Name
- MIS03 course code
- Grade Level
- Awarded Credit (none, 1/4, 1/2, 1, 2)
- Unit Outline

A course outline template can be found on the next page.

Course outlines should be submitted to CTE in BRP with the Revised Budget by September 30.



CTE COURSE OUTLINE

School: Any School

Instructor: Chris Farmington

School Year: 2020-21

Course Name: Foundations of Agriculture

MIS03 Code: 01012

Grade Level: 10th – 36 Weeks—52 Minute Class Period

Awarded Credit: One Credit

Unit Title	Unit Length	ND Standards & Benchmarks	Unit Description/Activities
Unit 1: Leadership Development	4 weeks	Career Ready Practices (CRP): FFA Student Handbook/Leadership	-Class Orientation -Parliamentary Procedure Review -Agricultural Demonstrations
Unit 2: Agronomy (Plant & Soil Science)	8 weeks	Plant Systems Standards: 8.1.2, 8.1.3, 8.2.1, 8.2.2	-Composition of Soils -Soil Profiles of ND -Soil Texture -Nutrients in Soil -Plant Nutrient Needs -Factors of Plant Identification -Crop (Seeds and Mounts) Identification -Monocot/Dicot Differences -Elevator Field Trip?
Unit 3: Animal Science	4 weeks	Animal Systems Standards: 3.3, 3.7	-Veterinary Science Terminology -Common Diseases in Livestock -Animal Nutrition -Feeding Rations
Unit 4: Agricultural Sales	4 weeks	Agribusiness Systems Standards 2.5.2 CRP: 2,4	-Types of Sales -Presentation Skills -Sales Practicum -Motorsports Business Field Trip
Unit 5: Agricultural Economics	4 weeks	Agribusiness Systems Standards: 2.2.2, CRP: 2	-Income Statements -Inventory Statements -SAE Update
Unit 6: Ag Mechanics: Arc/MIG Welding	8 weeks	Power, Structural, & Technical Systems Standards: 9.1.2, 9.1.3	-Welding Safety -Arc/MIG Welding Processes -Welder Identification -Electrode Characteristics -Welding Joints -Plasma Cutting
Unit 7: Advanced Carpentry	4 weeks	Power, Structural, & Technical Systems Standards: 9.4.1, 9.4.2, 9.4.3	-Router Safety -Table Saw Safety -Large Wood Working Project-Bar Stool

