

Agricultural Technology (AGTE)

AGTE 120. Forage Implements. 3 Credits.

Introduction to maintenance, repair, and adjustment of balers, swathers, rakes, and other forage harvesting equipment. Formerly AGMT 120.

AGTE 130. Intro to Agricultural Tractors. 3 Credits.

Introduction of AG tractors covering sizes, types, efficiencies, preventative and minor maintenance of tractor components and applications of AG tractors. Course Formerly AGMT 130.

Course Fees: \$10.75

AGTE 206. Applied Water Hydraulics. 3 Credits.

An applied course in hydraulics which included topics of water and wastewater collection and distribution, maintenance, and safety. This course includes lecture and laboratory hours, but the laboratory hours are not the kind of experience that satisfies the laboratory science requirement. This course does not meet the laboratory science requirement. Formerly TSCI 206.

AGTE 210. Tlg, PIntg, Spray Implements. 3 Credits.

This course will cover the repair, maintenance, adjustments, and calibrations of tillage, seeding and spraying equipment. Electronic control systems will be examined on all systems. Formerly AGMT 210.

AGTE 225. Intro to Grain Harvstng Equip. 3 Credits.

Introduction to theory, preventative maintenance, repair, and adjustment of conventional and rotary combines. Formerly AGMT 205.

Course Fees: \$10.75

AGTE 230. Intro to Ag Machines & Equip. 2 Credits.

This course is an introduction to agricultural machines and equipment. Agricultural machine uses, terminology, components, efficiencies, characteristics, and maintenance will be studied. Topics relating to safety, power transfer principles (gears, belts, chains, and fluid drives), field operations, hitching, operator manuals, trends in machinery, and basic machinery management will be examined. Formerly AGMT 110.

AGTE 292. Independent Study. 1-12 Credits.**AGTE 298. Cooperative Education. 12 Credits.****AGTE 410. Agriculture Technology Mgt. 4 Credits.**

This course is a study in the use of agricultural technologies from a management perspective. Topics will include a study in the use of technologies in the management of agricultural finances, land, machinery, crops and livestock. Computer and software technologies will be used for budgeting, enterprise accounting, enterprise analysis, recordkeeping, and to analyze machinery decisions and costs. FINPACK and other farm/ranch financial planning and machinery analysis software will be featured. Formerly AOT 420.

AGTE 498. Cooperative Education. 1-12 Credits.