

**MISSISSIPPI DELTA COMMUNITY COLLEGE
TECHNICAL EDUCATION - AGRICULTURAL MECHANICS TECHNOLOGY**

Agricultural Mechanics training at Mississippi Delta Community College is a course structured to help students gain knowledge through classroom instruction and to develop skills through shop experience.

Classroom work consists of the study of the parts and functions of the two and four cycle engine, the electrical system, and the three types of fuel systems (diesel, L.P. and gasoline), the power training, the hydraulic system, and the air conditioning system. Operation of the cotton picker and combine is also studied.

Shop work consists of experience in diagnosis, repair and overhaul of various types of farm equipment. In addition, students receive training in such areas as shop mathematics, stock control, shop management, and customer relations.

STUDENT NAME _____

REQUIRED COURSES:	PREV TAKEN	FALL	SPRING	FALL	SPRING
FIRST SEMESTER FRESHMEN					
AMT 1123 Ag Mech Fund (3 hrs)					
AMT 1413 Basic Eng Design (3 hrs)					
AMT 1423 Adv Eng Design (3 hrs)					
AMT 1213 Basic Elec Sys (3 hrs)					
AMT 1223 Adv Elec Sys (3 hrs)					
AMT 2813 Compact Eng & Equip (3 hrs)					
SECOND SEMESTER FRESHMEN					
AMT 1313 Basic Pow Trans (3 hrs)					
AMT 1323 Adv Pow Trans (3 hrs)					
AMT 1511 Prin of AC (1 hrs)					
AMT 1613 Basic Hyd Sys (3 hrs)					
AMT 2623 Adv Hyd Sys (3 hrs)					
FIRST SEMESTER SOPHOMORES					
Math/Science Elective (3 hrs)					
ENG 1113 Comp I (3 hrs)					
SPT 1113 Public Speaking I (3 hrs)					
Humanities/Fine Arts Elective (3 hrs)					
Social/Behavioral Science Elect (3 hrs)					
AMT 2923 or AMT 2943 (3 hrs)					
SECOND SEMESTER SOPHOMORES					
AMT 2113 Grain Harvest Equip (3 hrs)					
AMT 2513 Spray Equip (3 hrs)					
AMT 2713 Row Crop (3 hrs)					
CPT 1113 Fundamentals of Microcomputer Applications or CSC 1123 Computer Applications I (3 hrs)					
AMT 2923 Supervised Work or AMT 2943 Special Projects (3 hrs)					
APPROVED ELECTIVES:					
AMT 2313 Cotton Harvesting Equipment (3 hrs)					
AMT 2823 Service Repair Center Mgmt (3 hrs)					
Total Hours: 63					
Advisor Initials:					
Date:					

Instructor: Joe Galey
Associate Degree Program