



# Agriculture Technology: Program Outline

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## Program Description

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Agricultural Technology is a technical diploma program that consists of a combination of classroom and cooperative education. The classroom and related instruction have been designed in cooperation with industry representatives to provide the student with the theoretical, technical, and general academic knowledge needed to succeed in the ever-advancing field of Agriculture Technology. The cooperative work phase will be supervised and evaluated by the instructor and the cooperating placement supervisor. Graduates will receive an Associate of Applied Science Degree and may be employed as technicians, parts managers, or sales and service personnel.

## Entrance Requirements

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Fletcher has an open-admissions policy and serves persons on an equal priority basis. An applicant must be 17 years of age prior to entry into the college. Non-high school graduates who have reached the state's compulsory school age (at least 17 years of age as per Louisiana Revised Statute 17:221) are eligible for admissions. Applicants in this category are not eligible for federal financial assistance. Admission to all programs is made without regard to race, religion, national origin, gender, or qualifying disability.



## First Semester

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Course	Title	Credits
AGRI 1001	Intro to Diesel Power Systems	3
AGRI 1002	Agriculture Diesel Electricity Systems	3
AGRI 1003	Intro to Agriculture Power Units	3
AGRI 1006	Dealership Operations and Procedures	3
AGRI 1009	Introduction to Agricultural Innovation	3

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### IBC-Four Stroke Engine Technician

CTC-Precision Agriculture Apprentice Total – 15

## Second Semester

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Course	Title	Credits
AGRI 2004	Agriculture Diesel Power Systems Diagnostics	3
AGRI 2002	Agriculture Hydraulic Systems Diagnostics	3
AGRI 2003	Agriculture Electrical Diagnostics	3
AGRI 1005	Air Conditioning Principle & Lab	3

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### IBC-EPA Section 609 Certification

CTS-Precision Agriculture Technician Total – 12



## Third Semester

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Course	Title	Credits
AGRI 1006	Agriculture Small Engine Service and Repair	3
AGRI 1006	Advanced GIS & Mapping Systems	3
AGRI 1009	Technical Writing Skills	3
AGRI 2005	Advanced Field Study Internship	6

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IBC- Geographic Information System - Entry Level Technician Certification

TD-Precision Agriculture Technology Total – 15