JOHN DEERE TECH

AGRICULTURE MECHANIZATION TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE (AAS) DEGREE PLAN

Program Information: The John Deere TECH program is designed to help prepare students for a career in the field of agriculture mechanization technology. The student will study the theory and practice required for employment with John Deere as agriculture technicians (ag. tech) where they will repair and maintain complex mechanized farm equipment. This is a high-tech program with limited enrollment. Students are asked to make applications to the John Deere TECH Department in early spring. They must have a John Deere sponsor for whom they will work between semesters; and they must take the TSI test and Mechanical Reasoning Tests prior to being accepted into the program. Students successfully completing the two-year program will receive an Associate of Applied Science (AAS) Degree in Agriculture Mechanization technology and Certificates of Completion. For more information, please contact the Navarro College John Deere TECH Department.

FRESHMAN YEAR - FALL

Course Section	Course Title	Credit Hours
DEMR 1405	Basic Electrical Systems	4
DEMR 1301	Shop Safety and Procedures	3
ENGL 1301	Composition I	3
DEMR 1406	Diesel Engine I	4
DEMR 2339	Advanced Electrical Systems	3
Fall Total Credit Hours		17

FRESHMAN YEAR - SPRING

Course Section	Course Title	Credit Hours
DEMR 1225	Small Air-Cooled Engines	2
DEMR 1229	Preventative Maintenance	2
X3XX	Approved Core Math	3
DEMR 1449	Diesel Engine II	4
SPCH 1321	Business and Professional Communication	3
DEMR 1166	Practicum I	1
Spring Total Credit Hours		15

FRESHMAN YEAR - SUMMER

Course Section	Course Title	Credit Hours
DEMR 1466	Practicum II	4
Summer Total Credit Hours		4

SOPHOMORE YEAR - FALL

Course Section	Course Title	Credit Hours
DEMR 1416	Basic Hydraulics	4
AGME 1353	Harvesting Equipment	3
DEMR 1421	Power Train I	4
X3XX	Approved Language / Philosophy / Culture or Creative Arts	3
Fall Total Credit Hours		14

SOPHOMORE YEAR - SPRING

Course Section	Course Title	Credit Hours
DEMR 1323	Heating, Ventilation & A/C (HVAC) Troubleshooting and Repair	3
DEMR 2338	Power Applications I	3
DEMR 2166	Practicum II	1
PSYC 2301	General Psychology	3
Spring Total Credit Hours		10
Program Total Credit Hours		60

Navarro College is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award associate and baccalaureate degrees. Navarro College also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of Navarro College may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website.