

JOHN DEERE TECH

AG MECHANIZATION TECHNOLOGY - 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 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 & 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 (www.sacscoc.org).