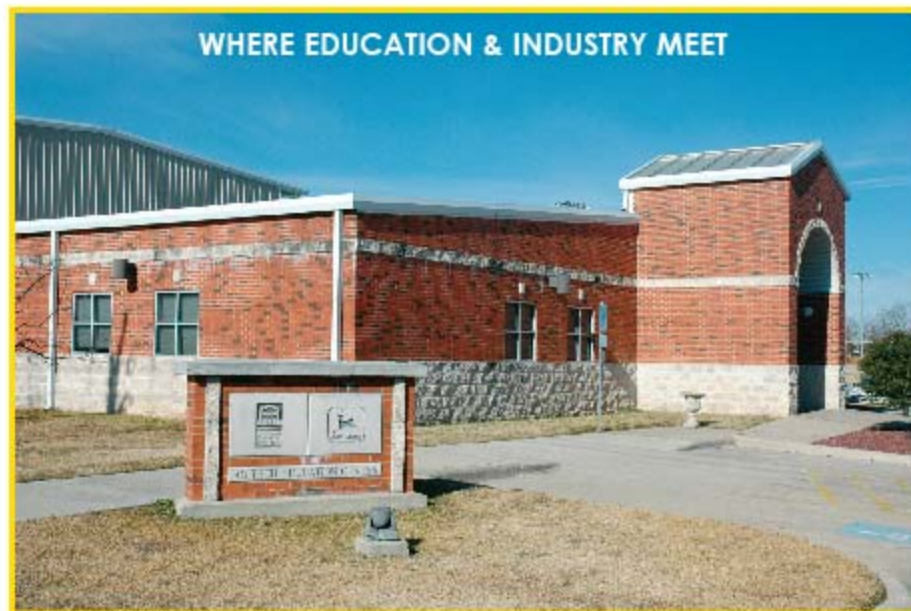


# JOHN DEERE **TECH**

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## PARTNERSHIP PROGRAM



## STUDENT HANDBOOK



Located on the Navarro College - Corsicana Campus

1-800-NAVARRO

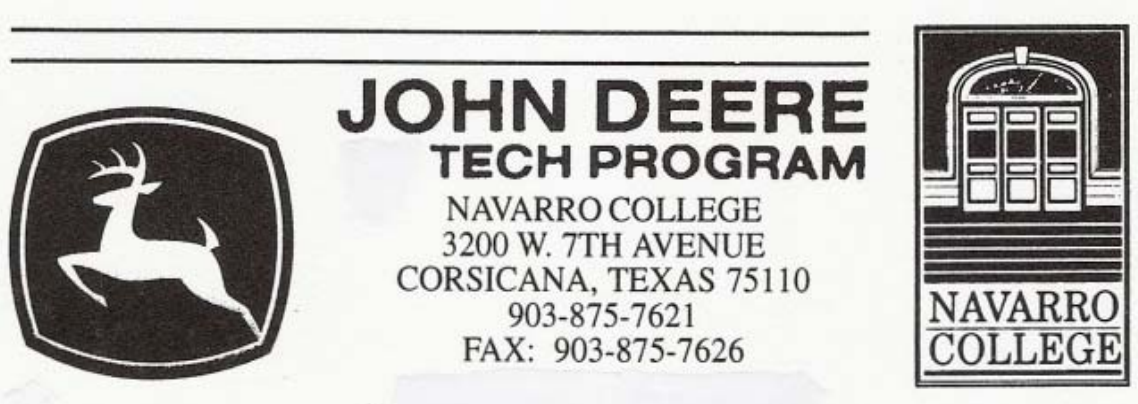
[www.navarrocollege.edu](http://www.navarrocollege.edu)



## JOHN DEERE TECH

## STUDENT HANDBOOK

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Dear John Deere TECH Candidate:

Thank you for your interest in the John Deere TECH Program at Navarro College. We hope you are as excited about the program as we are. We would like to take this opportunity to invite you to our campus to visit with representatives from the John Deere Program and to discuss your career and the many opportunities John Deere has to offer. Your career with John Deere could begin here at Navarro College. We look forward to meeting you and having you in our program.

The John Deere TECH Program trains students to become service technicians on the most modern farm equipment manufactured today. Students will learn through classroom lectures and hands-on experience. The John Deere Company provides the program with state-of-the-art equipment and training. Students will also work as paid employees at their sponsoring dealership during winter and summer breaks. When students successfully complete the two-year program, they will earn an Associate in Applied Science Degree.

Navarro College has on-campus housing and campus life is filled with a variety of college activities. You can become a leader on campus and develop lifelong friendships with your fellow students.

Enrollment in the John Deere TECH Program fills up fast. Please begin making your plans now. If you would like additional information concerning the program, please call **1-800-NAVARRO ext. 7621**.

You can also visit our Web sites at [www.navarrocollege.edu](http://www.navarrocollege.edu) or [www.jdpowerup.com](http://www.jdpowerup.com)

## **INTRODUCTION**

The John Deere TECH Program at Navarro College is a two-year program designed to help upgrade the technical skills and professionalism of new entry-level John Deere service technicians, preparing them for today's high-tech, fast-paced field of agriculture mechanization—a career path with excellent employment opportunities. After successful completion of the program, students will be awarded an Associate in Applied Science Degree.

Students will learn in an environment that stresses a balanced rotation of classroom theory and hands-on activities in labs outfitted with advanced training aids and the newest agriculture equipment. Students gain valuable, practical insight and real-world experience by applying what they've learned while working as paid interns at their sponsoring John Deere Dealerships—a wonderful opportunity for them to “earn while they learn.”

The TECH curriculum – designed by John Deere and Navarro College—addresses the full range of technological advances in agriculture mechanization while focusing on the entire John Deere Agriculture and C&CE product lines.

The program emphasizes communication skills and other non-core disciplines that are essential to a successful career in ag-service. The mission is to turn out tomorrow's service technicians who are fully prepared for the real-world service and technical challenges that they will face.



The John Deere TECH Program is housed in the Ag Tech Education Center located on the Corsicana Campus in Corsicana, Texas. The facility contains classrooms, labs, and a modern six-bay shop.



## **Navarro College**

Navarro College is a public comprehensive two-year community college, a uniquely American concept in higher education. Navarro College is adapted to its environment in Central Texas, and its educational and service programs are designed to enhance the personal, social, and economic potential of students and other people served by the college. Chartered in 1946, the college has a strong heritage with emphasis on providing a diversity of educational opportunities accessible to all who seek and qualify for admission and who can benefit from quality educational experiences. Navarro College seeks to pursue wisdom, truth, and knowledge for its students and faculty.

An open door, community college, Navarro College primarily serves the educational, civic, and business communities in Navarro, Ellis, Limestone, Freestone, and Leon counties. The college also attracts students from across Texas, throughout the United States, and many other countries; welcoming students from all cultural, educational, and socioeconomic backgrounds. Navarro College has four campuses with the main campus located in Corsicana, Texas. Extension campuses include Mexia, Midlothian, and Waxahachie locations. Corsicana is located 55 miles south of Dallas on Interstate 45.

Navarro College, is dedicated to serving the educational needs of students, to promoting the professional development and well being of all College personnel, and to informing and involving the citizens it serves.

Through commitment to enhancing student learning by creative and dedicated teaching strategies, the college provides students the opportunity to develop abilities needed to enter and succeed in college programs and as contributing members of society.

Navarro College shall not discriminate against any person on account of race, color, religion, creed, gender, age, national origin, ancestry, disability, marital status, or veteran's status. Navarro College adheres to the policies and procedures as prescribed under ADA-504.



# John Deere TECH

## Your Career is waiting for you!

The John Deere TECH Program began in 1995 with a special partnership between Navarro College and the John Deere Company. Service technicians are trained for employment with John Deere at Navarro College through a two-year program leading to an A.A.S. degree in Agriculture Mechanization. In 2007, the program expanded to include the C & CE field in John Deere, which is the Commercial and Consumer Equipment line.

It is the belief that through this partnership with the John Deere Company, Navarro College and the John Deere TECH Program will strive to create higher student education and career success, not only by student acquisition of technical skills, but also the academic and social skills necessary to succeed in today's fast-paced, high-tech workplace.

The John Deere TECH program offers you the chance to learn about cutting edge technology that makes John Deere Equipment run. You can become an important part of the program.

Upon graduation a student receives not only their degree from Navarro College but also John Deere certifications in Electrical, Hydraulic, and Service Advisor; (the John Deere Computer Diagnostic Tool.) Additional John Deere training credits are carried to sponsoring dealers for advancement towards the student's John Deere Advanced Technician or the John Deere Master Technician certifications.

### **STAFF**

The staff of the Navarro College/John Deere TECH Program wishes for you the best college experience, and we are delighted that you have chosen Navarro College to continue your education. You have the opportunity to excel in a rewarding as well as challenging curriculum. If at any time any of the instructors can be of service to you, please do not hesitate to call.

John Dawley  
Office AT 104  
(903) 875-7621

Kip Whorton  
Office AT 106  
(903) 875-7622

Scott Powers  
Office AT 105  
(903) 875-7623

## **ENTRANCE REQUIREMENTS**

**To enroll in the John Deere TECH Program you must:**

1. Have a high school diploma or equivalent.
2. Take the ACCUPLACER test and the Mechanical Reasoning test with scores on file in appropriate offices.
3. Obtain and maintain sponsorship with a qualified John Deere dealership.
4. Be accepted and enroll in Navarro College and the John Deere TECH Program.

## **STUDENT FINANCIAL PLANNING GUIDE**

Please consult the current Navarro College catalog for tuition and housing costs. Catalogs may be obtained in the Gooch One-Stop Student Center or by visiting [www.navarrocollege.edu](http://www.navarrocollege.edu)

Following is an example of expected costs. Costs will vary from student to student.

Cost per semester	In-district	Out-of-district
Tuition and fees for 15 college hours (*)	\$740	\$1,190
Room and Board***	\$2,240	\$2,240
<b>Total</b>	<b>\$2,980</b>	<b>\$3,430</b>

\*Based upon fall 2008 tuition rates

\*Other special fees such as lab fees may apply

\*Books are not included in this amount

\*\*\*Based upon 18 meal plan

Approximate cost for 15 hours of college credit (in-district) at Navarro College is \$740 if you commute or \$2,980 if you live on campus. Out-of-district students should expect \$1,190 for tuition and fees plus room and board.

## **SCHOLARSHIPS**

Many sponsoring John Deere dealerships are offering scholarships to their TECH students. You may want to ask your dealer sponsor what is available.

Navarro College offers a wide range of financial aid to students including scholarships, grants, loans, and a work-study program. The Financial Aid Office provides applicants with appropriate application forms and instructions. The student is responsible for proper completion and submission of all required documents. Students can visit or phone the Financial Aid Office in the Gooch One-Stop Student Center for more information at (903) 875-7364 or by visiting [www.navarrocollege.edu](http://www.navarrocollege.edu) and click on financial aid.

## **APPLICATION PROCEDURES**

- 1. Transcripts:**  
Ask your high school and any college(s) you have attended to send an official transcript to the Navarro College registrar.
- 2. Application:**  
Fill out the Navarro College application form as well as all other forms necessary for admission to Navarro College.
- 3. Accuplacer:**  
Take the ACCUPLACER or appropriate college entrance test to determine academic standards and class placement.
- 4. Mechanical Reasoning Test:**  
Take the Mechanical Reasoning test administered in the John Deere TECH Building.
- 5. Sponsor:**  
You must be sponsored by a John Deere dealership. It is your responsibility to locate your sponsor. You will complete your summer and winter internships at this dealership, so we recommend that you ask a dealer near your home to be your sponsor so you can live at home during your internship. Another option is to locate a sponsor dealership near where some of your relatives live so you may live with them during your internship.

If you experience difficulty in locating a sponsor, you may contact those listed below. If a sponsorship is not agreed with the first dealership you contact, seek an interview with other John Deere dealerships. If it is determined, after an interview, that a dealer will consider providing sponsorship, return the completed Student Sponsorship Agreement Form to the John Deere TECH program director at Navarro College.

**John Dawley**  
**Ag Tech Coordinator**  
**Navarro College**  
3200 W. 7th Ave.  
Corsicana, TX 75110  
(903) 875-7621

**Craig Hansen**  
**College Partnership Manager**  
**John Deere JDAMC**  
11145 Thompson Ave.  
Lenexa, Kansas 66219-2303  
(913) 310-8226

- 6. John Deere TECH Packet:**  
Complete the forms in the John Deere TECH Application Packet and send them to the John Deere TECH coordinator at Navarro College.
- 7. Orientation**  
Attend orientation at Navarro College where you will tour the Navarro College campus, visit with faculty and administrators, and take the Mechanical Reasoning test.

## **NOTIFICATION OF ACCEPTANCE**

Navarro College and John Deere will evaluate application documents and test scores immediately. Students will be notified as soon as possible.

## **DEALER INTERVIEW AFTER ACCEPTANCE**

Following acceptance into the program, the student should schedule an interview with his/her John Deere sponsoring dealership. At this interview, the following should be discussed:

1. Arrangements for uniforms at work and school
2. Dealer expectations
3. Student expectations

## **STUDENT REQUIREMENTS AFTER ENTERING PROGRAM**

1. Maintain sponsorship of a qualified John Deere dealership.
2. Maintain academic standards and adhere to academic policies (Minimum 2.0/4.0 GPA).
3. Maintain attendance standards according to college policy.
4. Wear uniforms while on campus and during cooperative work experiences at the scheduled times. Wear safety glasses as needed in shop and lab exercises.
5. Participate in all learning activities at the scheduled times.
6. Provide sponsoring dealer with responsible and productive employment.
7. Be responsible for program costs, tuition, fees, books, and tools.
8. Follow the approved curriculum. Each specialized subject will be studied in the classroom and laboratory on campus followed by related work experience at the sponsoring John Deere dealership. The work experience will relate as much as possible to the coursework completed in school.
9. Freshman students are provided tools from Navarro College and John Deere. During the practicum and internships all students are expected to provide their own tools. Sophomore students must provide their own tools during the sophomore year. All incoming students will purchase their electrical multi-meters.

## **REGISTRATION PROCEDURES**

### **Prior to Registration:**

1. The following documents must be completed and on file with the Navarro College registrar prior to registration:
  - a. Application for admission
  - b. High School or GED transcript
  - c. Accuplacer scores
  - d. Mechanical Reasoning test scores
  - e. Transcripts from all colleges attended
  - f. Proof of residence
2. Apply for a Pell Grant and scholarships at the Financial Aid Office.
3. Make appointment to register with the Carl Perkins Career Center - located on the 2nd floor of Gooch One-Stop Student Center or telephone (903) 875-7445.

### **To Register:**

1. Meet with the John Deere TECH coordinator to review all applications and paperwork. Obtain a degree plan with a list of courses to be taken throughout the program. Receive information about courses to be taken each semester.
2. Take your degree plan and the list of the courses with you to your appointment with your adviser in the Carl Perkins Career Center on the second floor of the Gooch One-Stop Student Center.
3. Retrieve your completed schedule from the registrar and take it to the Business Office to calculate tuition and fees.
4. Pay tuition by scheduled date or submit your class schedule to the Financial Aid Office if you have a Pell Grant or a scholarship.

### **OTHER TASKS TO COMPLETE:**

1. Read the college catalog and student handbook.
2. Have your student ID card made.
3. Tour the library, the Ag Tech Education Center, and other locations of interest on campus.
4. Buy books and supplies from the College Store.
5. **Have a successful semester!**

## **DEGREE PLANS OFFERED IN JOHN DEERE TECH AT NAVARRO COLLEGE:**

### **A.A.S. in Agricultural Mechanization Technology**

#### **Fall/Freshman Year**

DEMR 1405	Basic Electrical Systems	4
ORIN 1100	Education & Career Planning	1
AGME 1207	Agriculture Equipment and Tools	2
ENGL 1301	Composition & Rhetoric	3
DEMR 1406	Diesel Engines I	4
MATH 1332	College Math I	3

#### **Winter Break**

DEMR 1166	Practicum I	1
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#### **Spring/Freshman Year**

DEMR 1225	Small Air-Cooled Engines	2
AGME 1209	Equipment Repair	2
DEMR 1391	Special Topics (JDIS)	3
DEMR 1449	Diesel Engines II	4
SPCH 1315	Public Speaking or	
SPCH 1321	Business/Professional Speaking	3
ELECTIVE	Approved Fine Arts or Humanities Elective	3

#### **Summer Break**

DEMR 1466	Practicum II	4
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#### **Fall/Sophomore Year**

DEMR 1416	Basic Hydraulics	4
AGME 1353	Harvesting Equipment	3
DEMR 1421	Power Trains I	4
COSC 1401	Microcomputer Applications	4
SOCI 1301	Introduction to Sociology	3

#### **Winter Break**

DEMR 2166	Practicum III	1
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#### **Spring/Sophomore Year**

DEMR 1323	Heating, Ventilation, and AC	3
DEMR 1391	Special Topics (JD Harvesting Equipment II)	3
DEMR 2335	Advanced Hydraulics	3
DEMR 1391	Special Topics (JD Agriculture Management Solutions)	3
ELECTIVE	Free Elective	2

**A.A.S. in Commercial and Consumer Equipment Technology**  
**Outdoor Power**

**Fall/Freshman Year**

DEMR 1405	Basic Electrical Systems	4
ORIN 1100	Education & Career Planning	1
AGME 1207	Agriculture Equipment and Tools	2
ENGL 1301	Composition & Rhetoric	3
DEMR 1406	Diesel Engines I	4
MATH 1332	College Math I	3

**Winter Break**

SMER 1166	Practicum I	1
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**Spring/Freshman Year**

DEMR 1225	Small Air-Cooled Engines	2
SMER 1291	Small Engine Mechanic and Repair	2
DEMR 1391	Special Topics (JDIS)	3
DEMR 1449	Diesel Engines II	4
SPCH 1315	Public Speaking or	
SPCH 1321	Business/Professional Speaking	3
ELECTIVE	Approved Fine Arts or Humanities Elective	3

**Summer Break**

SMER 1466	Practicum II	4
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**Fall/Sophomore Year**

DEMR 1416	Basic Hydraulics	4
SMER 2337	Advanced Equipment Service	3
DEMR 1421	Power Trains I	4
COSC 1401	Microcomputer Applications	4
SOCI 1301	Introduction to Sociology	3

**Winter Break**

SMER 2166	Practicum III	1
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**Spring/Sophomore Year**

DEMR 1323	Heating, Ventilation, and AC	3
SMER 1391	Special Topics (Small Engine Mechanic and Repair)	3
DEMR 2335	Advanced Hydraulics	3
DEMR 1391	Special Topics (JD Agriculture Management Solutions)	3
ELECTIVE	Free Elective	2

## **Diesel Engine Maintenance Certificates**

### **Fall/Freshman Year**

DEMR 1405	Basic Electrical Systems	4
AGME 1207	Agriculture Equipment and Tools	2
DEMR 1406	Diesel Engines I	4
POFT 1301	Business English	3

### **Winter Break**

DEMR 1166	Practicum I	1
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### **Spring/Freshman Year**

DEMR 1225	Small Air-Cooled Engines	2
AGME 1209	Equipment Repair	2
DEMR 1391	Special Topics (JDIS)	3
DEMR 1449	Diesel Engines II	4
WLDG 1200	Introduction to Welding	2

### **Summer Break**

DEMR 1466	Practicum II	4
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### **Fall/Sophomore Year**

DEMR 1416	Basic Hydraulics	4
AGME 1353	Harvesting Equipment	3
DEMR 1421	Power Trains I	4
WLDG 1291	Intermediate Shielded Metal Arc Welding (SMAW)	2

### **Winter Break**

DEMR 2166	Practicum III	1
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### **Spring/Sophomore Year**

DEMR 1323	Heating, Ventilation, and AC	3
DEMR 1391	Special Topics (JD Harvesting Equipment II)	3
DEMR 2335	Advanced Hydraulics	3
DEMR 1391	Special Topics (JD Agriculture Management Solutions)	3

## Commercial and Consumer Equipment Maintenance Certificates

### Fall/Freshman Year

DEMR 1405	Basic Electrical Systems	4
AGME 1207	Agriculture Equipment and Tools	2
DEMR 1406	Diesel Engines I	4
POFT 1301	Business English	3

### Winter Break

SMER 1166	Practicum I	1
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### Spring/Freshman Year

DEMR 1225	Small Air-Cooled Engines	2
SMER 1291	Small Engine Mechanic and Repair	2
DEMR 1391	Special Topics (JDIS)	3
DEMR 1449	Diesel Engines II	4
WLDG 1200	Introduction to Welding	2

### Summer Break

SMER 1466	Practicum II	4
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### Fall/Sophomore Year

DEMR 1416	Basic Hydraulics	4
SMER 2337	Advanced Equipment Service	3
DEMR 1421	Power Trains I	4
WLDG 1291	Intermediate Shielded Metal Arc Welding (SMAW)	2

### Winter Break

SMER 2166	Practicum III	1
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### Spring/Sophomore Year

DEMR 1323	Heating, Ventilation, and AC	3
SMER 1391	Special Topics (Small Engine Mechanic and Repair)	3
DEMR 2335	Advanced Hydraulics	3
DEMR 1391	Special Topics (JD Agriculture Management Solutions)	3

**NAVARRO COLLEGE/JOHN DEERE TECH**  
**COURSE DESCRIPTIONS**

**AGME 1207 AGRICULTURE EQUIPMENT  
SKILLS AND TOOLS**

**1 lec/3 lab (2 Cr.)**

Introduction to hand tool and shop equipment skills and safety.

**AGME 1209 EQUIPMENT REPAIR**

**1 lec/3 lab (2 Cr.)**

Introduction to the skills required for maintenance, repair, and renovation of equipment.

**AGME 1353 HARVESTING EQUIPMENT**

**2 lec/3 lab (3 Cr.)**

Theory of operation, service and adjustment techniques for harvesting equipment.

**DEMR 1166, 2166 PRACTICUM - DIESEL  
ENGINE MECHANIC AND REPAIRER**

**39 External learning experience (1 Cr.)**

Practical, general training and experiences in the workplace.

The faculty along with the employer develop and document an individualized plan for the student. The plan relates workplace training and experiences to the student's general and technical course of study. The guided external experience may be paid or unpaid. This course may be repeated if topics and learning outcomes vary.

**DEMR 1225 SMALL AIR-COOLED ENGINES**

**1 lec/3 lab (2 Cr.)**

Fundamentals of air-cooled engines, including repair and testing.

This course includes the theory of operation, diagnosis and repair, pre-delivery procedures including assembly and adjustments of attachments, and add-on accessories of small power equipment utilized in lawn, turf, garden, and the rental equipment industry. The course includes the study of both 2- and 4-cycle engines.

**DEMR 1405 BASIC ELECTRICAL SYSTEMS**

**3 lec/2 lab (4 Cr.)**

An introduction to the basic principles of electrical systems of diesel and gas equipment with emphasis on starters, alternators, batteries, and regulators.

**DEMR 1323 HEATING, VENTILATION, AND AIR  
CONDITIONING (HVAC) TROUBLESHOOTING**

**2 lec/3 lab (3 Cr.)**

Introduction to heating, ventilation, and air conditioning theory, testing, and repair. Emphasis on refrigerant reclamation, safety procedures, specialized tools, and repairs. Refrigerant recovery/recycling and ozone layer protection procedures are emphasized. Upon successfully passing the air conditioning certification test, students will be granted an air conditioning certification.

**DEMR 1391 SPECIAL TOPICS IN DIESEL  
ENGINE MECHANIC AND REPAIRER (J.D.  
Information Systems)**

**2 lec/3 lab (3 Cr.)**

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student.

**DEMR 1391 SPECIAL TOPICS IN DIESEL  
ENGINE MECHANIC AND REPAIRER (J.D.  
Harvesting Equipment II)**

**2 lec/3 lab (3 Cr.)**

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student.

**DEMR 1391 SPECIAL TOPICS IN DIESEL  
ENGINE MECHANIC AND REPAIRER (J.D.  
Agricultural Management Solutions)**

**2 lec/3 lab (3 Cr.)**

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student.

**DEMR 1406 DIESEL ENGINE I**

**2 lec/6 lab (4 Cr.)**

An introduction to the basic principles of diesel engines and systems.

**DEMR 1416 BASIC HYDRAULICS**

**2 lec/6 lab (3 Cr.)**

An introduction to the fundamentals of hydraulics, including components and related systems of tractors and farm equipment. The operation, testing, repair, and adjustment of the hydraulic components are emphasized. The use of technical language and JIC symbols are also stressed. Safe operation with high pressure oil is also covered.

**DEMR 1421 POWER TRAIN I**

**2 lec/6 lab (4 Cr.)**

Introduction to fundamentals, repair, and theory of power trains, including clutches, transmissions, drive shafts, and differentials of tractors and farm equipment. Emphasis on troubleshooting and repair.

**DEMR 1449 DIESEL ENGINE II**

**2 lec/6 lab (4 Cr.)**

An in-depth coverage of disassembly, repair, identification, evaluation, and reassembly of diesel engines. This course includes the principles of design and construction of heavy-duty engines used throughout the power equipment and agriculture industries. Emphasis is placed on engine chamber design and injections systems. Principles and theories are studied by running, testing, diagnosing, disassembling, and reassembling components, systems, and engines. Safety is emphasized throughout the course.

**DEMR 1466 PRACTICUM - DIESEL ENGINE  
MECHANIC AND REPAIRER**

**39 external learning experience (4 Cr.)**

Practical general training and experiences in the workplace. The faculty along with the employer develop and document an individualized plan for the student. The plan relates the workplace training and experiences to the student's general and technical course of study. The guided external experiences may be paid or unpaid.

**DEMR 2335 ADVANCED HYDRAULICS**

**2 lec/3 lab (3 Cr.)**

Advanced study of hydraulic systems and components, including diagnostics and testing of hydraulic systems that will involve electronics, electro-hydraulic and computer-controlled systems as well.

**WLDG 1200 INTRODUCTION TO WELDING  
FUNDAMENTALS**

**1 lec/3 lab (2 Cr.)**

An introduction to the fundamentals of equipment used in oxyacetylene and arc welding including welding and cutting safety, basic oxyacetylene welding and cutting, basic arc welding processes and basic metallurgy.

**WLDG 1291 STUDIES IN WELDER/WELDING  
TECHNOLOGY WELDING (SMAW)**

**1 lec/3 lab (2 Cr.)**

A continuation of the introductory layout and fabrication course, which covers design and production of various fillets and groove welds. Preparation of specimens for testing in all test positions.

**SMER 1166 SMALL MECHANICAL MECHANIC  
AND REPAIR, PRACTICUM I**

**39 external learning experience (1 Cr.)**

Practical, general workplace training supported by an internship at a sponsoring John Deere dealership. The faculty along with the employer develop and document an individualized plan for the student. The plan relates workplace training and experiences to the student's general and technical course of study. This internship may be paid or unpaid.

**SMER 1291 SMALL ENGINE MECHANIC AND  
REPAIR**

**2 lec/3 lab (3 Cr.)**

Topics address recently identified and current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student.

**SMER 1391 SMALL ENGINE MECHANIC AND  
REPAIR. (SPECIAL TOPICS)**

**2 lec/3 lab (3 Cr.)**

Topics address recently identified and current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student.

**SMER 1466 SMALL MECHANICAL MECHANIC  
AND REPAIR, PRACTICUM I**

**39 external learning experience (4 Cr.)**

Practical, general workplace training supported by an internship at a sponsoring John Deere dealership. The faculty along with the employer develop and document an individualized plan for the student. The plan relates workplace training and experiences to the student's general and technical course of study. This internship may be paid or unpaid.

**SMER 2166 SMALL MECHANICAL MECHANIC  
AND REPAIR, PRACTICUM I**

**39 External Learning Experience (1 Cr.)**

Practical, general workplace training supported by an internship at a sponsoring John Deere dealership. The faculty along with the employer develop and document an individualized plan for the student. The plan relates workplace training and experiences to the student's general and technical course of study. This internship may be paid or unpaid.

**SMER 2337 ADVANCED EQUIPMENT SERVICE**

**2 lec/3 lab (3 Cr.)**

Advanced study in areas of specialization in marine units, motorcycles, all-terrain vehicles, or outdoor power equipment.

**ORIN 1100 EDUCATION & CAREER PLANNING**

**1 lec (1 NDCr.)**

Required of all full-time students as entering freshmen. Designed to help prepare students for college success. Topics include improving study skills, budgeting time, educational, and personal choices. Opportunities to appraise abilities, interest, personality traits, and develop plans for career development.

**ENGL 1301 COMPOSITION AND RHETORIC I**

**3 lec/1 lab (3 Cr.)**

Includes study of grammatical and rhetorical principles as applied in written composition, study of nature and function of language, and study of rhetorical modes as description, narration, process, comparison, contrast, definition, classification, persuasion, argument, and critical review.

**POFT 1301 BUSINESS ENGLISH**

**2 lec/3 lab (3 Cr.)**

Introduction to a practical application of basic language usage skills with emphasis on fundamentals of writing and editing for business.

**COSC 1401 MICROCOMPUTER APPLICATIONS**

**3 lec/3 lab (4 Cr.)**

Introduction to the use of computers as a data processing and problem-solving tool for business. Fundamental concepts, technology, and theory with opportunity to use existing work processing, spreadsheet, database, and presentation packages, including integration with the Internet, to help solve various business-oriented problems.

**SOCI 1301 INTRODUCTION TO SOCIOLOGY**

**3 lec (3 Cr.)**

Introductory study of factors and principles influencing social life of man. Includes social organization culture, socialization, group life, social institutions, population, human ecology, and social changes.

**SPCH 1315 PUBLIC SPEAKING****3 lec (3 CR.)**

An introductory course in research, composition, organization, delivery, and analysis of informative and persuasive speeches for various purposes and occasions. Emphasis is placed on developing student's abilities in presentation of ideas.

**SPCH 1321 BUSINESS & PROFESSIONAL SPEAKING****3 lec (3 Cr.)**

Theories and practice of speech communication as applied to business and professional situations. Emphasis is on interpersonal principles, leadership strategies, and other communication skills necessary for such types of communications as interviewing, team building, and speech presentation.

**MATH 1332 COLLEGE MATH I****3 lec (3 Cr.)**

This course is designed primarily for non-science and liberal arts majors. It is a survey of topics in mathematics that includes problem solving, sets, logic, numeration, and mathematical systems, number theory, the real number system, conversion between the English and metric systems, and math for finances. Prerequisite: MTH 1074 or a satisfactory score on the THEA or the basic skills assessment test. Students who plan to transfer to a senior institution should check the transferability of this course.

**Approved fine arts elective.**

**Other college electives.**

**JOHN DEERE/NAVARRO COLLEGE  
JOHN DEERE TECH  
CANDIDATE APPLICATION**

(Please print application, fill in, and return to address below)

Name (Last, first, middle) \_\_\_\_\_

Address \_\_\_\_\_ City, State, Zip \_\_\_\_\_

Home Phone \_\_\_\_\_ Social Security Number \_\_\_\_\_

E-mail \_\_\_\_\_ Date \_\_\_\_\_

Name of high school from which graduated \_\_\_\_\_

Year \_\_\_\_\_ Or year G.E.D. completed \_\_\_\_\_

Did you participate in an automotive, industrial arts, or Agricultural science program? \_\_\_\_\_

What Emphasis in the program? \_\_\_\_\_

If yes, how many semesters? \_\_\_\_\_ Name of instructor \_\_\_\_\_

Have you attended other colleges? \_\_\_\_\_ If yes major \_\_\_\_\_

Name of college \_\_\_\_\_ Credit Hours \_\_\_\_\_

Address \_\_\_\_\_ City, State, Zip \_\_\_\_\_

Other educational/related experience \_\_\_\_\_

\_\_\_\_\_

Work Experience: (Past two years)

Place of employment \_\_\_\_\_

Supervisor \_\_\_\_\_ Phone \_\_\_\_\_

Place of employment \_\_\_\_\_

Supervisor \_\_\_\_\_ Phone \_\_\_\_\_

How did you learn about the John Deere TECH Program? \_\_\_\_\_

\_\_\_\_\_

Career Interests (In the space below, write a clear, definitive statement of your future career goals.)

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#### Release of Information

I give permission to Navarro College to share my high school transcripts and/or pre-admission test results concerning the John Deere TECH Program with the John Deere Company - Dallas. I further give my permission to Navarro College to contact my sponsoring dealership and my parents during the semester concerning my progress in the John Deere TECH Program.

\_\_\_\_\_ Print Name

\_\_\_\_\_ Signature

\_\_\_\_\_ Date

Please return application to

John E. Dawley  
John Deere TECH Building  
Navarro College  
3200 West 7<sup>th</sup>. Ave.  
Corsicana, Texas 75110

Have you contacted your potential John Deere dealership sponsor? \_\_\_\_\_

Dealership Name \_\_\_\_\_

Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Contact Person at dealership \_\_\_\_\_

Phone \_\_\_\_\_

Please indicate your choice of John Deere TECH Programs

Agriculture Mechanization                      Degree                      Certificate

Commercial and Consumer Equipment                      Degree                      Certificate

**Navarro College does not discriminate on account of race, color, religion, creed, sex, age, national origin, ancestry, disability, marital status, or veteran's status.**

**NAVARRO COLLEGE/JOHN DEERE TECH**

**INFORMATION RELEASE**

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I give permission to Navarro College to share my high school transcripts and/or pre-admission test results concerning the John Deere TECH Program with the John Deere Company - Dallas. I further give my permission to Navarro College to contact my sponsoring dealership and my parents during the semester concerning my progress in the John Deere TECH Program.

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Applicant Signature

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Date

John Deere TECH candidates must return this completed form to:

Registrar  
Navarro College  
3200 W. 7th Ave.  
Corsicana, TX 75110

**NAVARRO COLLEGE/JOHN DEERE TECH**

**STUDENT SPONSORSHIP AGREEMENT**

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This agreement is between the sponsoring John Deere dealer and the student, whose signatures are required below.

The John Deere dealer agrees to provide the student with uniforms. The dealer also agrees to appoint a coordinator, usually the service manager, to serve as liaison between the dealership and Navarro College. The dealer will also employ the student during the holidays between semesters while enrolled in the John Deere TECH Program. The practicums will be during each of the winter breaks and the summer session. College credit will also be awarded for satisfactory work experience. Work assignments will reflect recent classroom experience. Wages during the employment periods will be agreed to by both parties, but will not be less than minimum wage.

The student agrees to adhere to Navarro College policies as set forth in the student handbook. The student agrees to maintain a 2.0 grade-point average. The student agrees to wear the uniforms provided by the dealer while attending class and at certain school functions. The student also agrees to provide the dealer with responsible and productive work while at the dealership. The student agrees to work in a safe and prudent manner at all times during his student tenure. The student agrees to allow Navarro College to share his or her records concerning the John Deere TECH Program with John Deere Company and the sponsoring dealer.

This sponsorship agreement may be terminated because of a student's failing performance. This agreement may also be terminated because of the student's failure to meet John Deere's entrance requirements.

Student signature \_\_\_\_\_

Dealer signature \_\_\_\_\_

Dealership name \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Phone \_\_\_\_\_

Date \_\_\_\_\_