



JOHN DEERE

TECH PROGRAM

2014

Student Information Handbook



Walla Walla Community College...

Your Best Choice

**JOHN DEERE/WALLA WALLA COMMUNITY COLLEGE
JOHN DEERE TECH PROGRAM**

Dear Prospective Student:

We have received your inquiry concerning the John Deere Tech Program. Enclosed you will find the program information which includes the following items:

- Student Candidate Information and Responsibilities
- General Program Information Sheet
- Participant Responsibilities
- Course Schedule
- Contact Persons
- Application Form
- Dealer Approval Form
- Tool List

Please read all material carefully and return completed application promptly to:

Instructor/Coordinator
John Deere Tech Program
Walla Walla Community College
500 Tausick Way
Walla Walla, WA 99362-9267
PH: (509) 527-4251
FAX: (509) 527-1879
E:mail: andy.winnett@wwcc.edu

Thank you for your expressed interest in the John Deere Tech Program.

JOHN DEERE/WALLA WALLA COMMUNITY COLLEGE

JOHN DEERE TECH PROGRAM

STUDENT CANDIDATE INFORMATION AND RESPONSIBILITIES

Read all materials carefully and retain this sheet for reference.

Although it is not necessary for you to have a potential dealer sponsor at this point, please contact the college regarding sponsorship. If any dealers are interested in sponsoring you, please indicate so on your application. The following steps must be completed in order to be considered for the program:

1. Complete the Candidate Application (green form) and return it to WWCC Campus (address below) or go online to apply at wwcc.edu. Applications received will be considered for unfilled vacancies in the next class or if the next class should be full your name will be put on a waiting list. The students accepted for the class must have completed the application, entrance exams, interview with instructor, and obtained a sponsoring dealership.
2. You will be contacted by WWCC Campus personnel for an information and testing session. The John Deere Pre-tests will be in the areas of math, language skills, reading, and mechanical reasoning.
3. Applicants with satisfactory test scores will be contacted to proceed with their interview with a John Deere dealership. Those applicants, who did not achieve satisfactory scores, will be notified as soon as possible regarding their status and recommendations for correcting deficiencies.

Financial aid in the form of loans, grants, scholarships and student employment is available through the college. Students seeking financial assistance should submit a financial aid form which is available at the Office of Student Financial Aid, (509) 527-4301 or online at wwcc.edu. Applications can be submitted at any time, however, because of limited funds early applications are encouraged. Processing takes approximately 6-8 weeks..

As soon as the steps outlined above are completed you will be notified whether or not you have been selected for the program. Those selected will also receive additional information from Walla Walla Community College regarding registration and orientation.

Andy Winnett, Coordinator
John Deere Tech Programs
Walla Walla Community College
500 Tausick Way
Walla Walla WA 99362-9267
PH: (509) 527-4251

JOHN DEERE/WALLA WALLA COMMUNITY COLLEGE JOHN DEERE TECH PROGRAM

The John Deere Tech Program is a two-year mechanics program designed to upgrade the technical competence and professional level of the incoming dealership technician. The curriculum is designed by John Deere Company and Walla Walla Community College and leads to an Associate Degree in Applied Arts and Sciences. The program involves attending classroom lecture and laboratory experiences on John Deere products at the WWCC Campus and a unique opportunity for students to work at a John Deere dealership.

The total program is completed in seven quarters or approximately 21 months. Four quarters are spent in school and the remaining three quarters in John Deere sponsoring dealerships. Each specialized subject is studied in the classroom and laboratory on campus and then followed by related work experience in the dealership. For example, the first quarter involves 11 weeks at the school followed by 11 weeks of work experience in the dealership. After the dealership work experience is completed, the student returns to the school for another 11 weeks of courses, followed by 11 more weeks at the dealership. This rotation system continues until completion of the program. The work experience at the dealership should relate as much as possible to the course work just completed in school.

Since considerable time is spent at the dealership, the program requires the student to have a sponsoring John Deere dealer. If necessary, the student can request assistance in locating a sponsoring dealer. The main responsibility of the dealership is to provide training-related employment for the student during the work experience periods.

All Tuition, fees and textbooks are the responsibility of the student. Tuition for the 2014-2015* year will be 18 credits 1611.32 for in state students. Out of state is approximately 400.00 more per quarter. There is also a fee of 25.00 for each credit over 18. Facility use fees will be approximately 40.00 per quarter. Textbooks will cost an average of 175.00 per quarter. In addition, the student is required to have a prescribed set of tools. The initial cost of the Basic tools is approximately 5000.00.

John Deere Tech is certainly the optimum way to be trained as a professional John Deere Dealer Technician.

* tuition/fees subject to change by WWCC Area Board

JOHN DEERE/WALLA WALLA COMMUNITY COLLEGE JOHN DEERE TECH PROGRAM

CONTACT PERSONS

Andy Winnett, Coordinator

John Deere Tech Program
Walla Walla Community College
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Andy's Office (509)-529-1999
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Les Echtenkamp, Instructor

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Cullen Coulston, Instructor

John Deere Tech Program
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Justin Scammey

Manager, College Partnerships
Agriculture & Turf, Region 4
Olathe Office
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Olathe, KS 66061
Phone: (913) 310-8232
Cell (913) 912-0737
Fax: (309) 749-1304
Email: ScammeyJustinH@johndeere.com

NOTE: Any change in student status, questions or concerns regarding John Deere Tech should be brought to the attention of the instructors of the John Deere Tech program at Walla Walla Community College or Justin Scammey as soon as possible.

JOHN DEERE/WALLA WALLA COMMUNITY COLLEGE JOHN DEERE TECH PROGRAM

RESPONSIBILITIES OF PARTICIPANTS:

WALLA WALLA COMMUNITY COLLEGE

- Maintain a current curriculum approved by John Deere
- Provide a dedicated classroom and laboratory
- Provide a dedicated instructor; instructor will act as liaison between the school and John Deere Company
- Instructor will serve on John Deere Tech Advisory committee
- Provide equipment and tools
- Promote, advertise, and recruit qualified student candidates
- Screen applicants and assist dealers with student selection for program
- Maintain all student records
- Provide established student services such as academic advisement, financial aid, counseling, etc
- Conduct student visitations during cooperative work experience quarters
- Work with dealership JD Tech coordinator to assure attainment of work experience competencies
- Furnish program information when requested
- Provide Associate of Applied Science Degree in John Deere Tech Program to graduates

JOHN DEERE COMPANY

- Provide John Deere training of JD Tech instructor/coordinator
- Furnish school with John Deere training equipment (manuals, components, essential tools, complete machines)
- Provide school with essential training materials (including technical publications and training aids)
- Oversee and participate in student selection procedure
- Oversee and participate in instructor/coordinator selection procedure (individual subject to Deere approval)
- Monitor all phases of JD Tech to assure success

JOHN DEERE DEALERSHIP

- Indicate interest in being a sponsoring dealer, so dealership name can be made available to interested students
- Interview and select student that dealership will sponsor
- Appoint an in dealership coordinator to assist the school's John Deere Tech Instructor/Coordinator in planning and monitoring the cooperative work experiences
- Provide appropriate work experience which reinforces the trainee's most recent classroom instruction
- Pay trainees during periods of dealership cooperative work experience
- Provide the new student/employee with uniforms in a manner consistent with other dealership employees
-

STUDENT

- Obtain and maintain sponsorship with John Deere dealership through graduation. If sponsorship is lost,
- student has five working days to obtain another or transfer to another program.
- Maintain academic standards and adhere to academic policies (minimum 2.0 GPA)
- Maintain attendance standards according to college policy
- Wear uniforms and safety glasses while on campus and during cooperative work experience at the dealership
- Participate in all learning activities at the scheduled times
- Provide sponsoring dealer with responsible and productive employment
- Be responsible for program costs: tuition, fees, books, and tools
- Be responsible for your actions both on and off campus.

JOHN DEERE TECHNOLOGY SCHOLARSHIPS AVAILABLE

POLICY:

The John Deere Scholarship will provide for tuition assistance at Walla Walla Community College. Scholarship will be awarded solely for proven leadership abilities and academic/vocational potential. Financial need is not a requirement.

ELIGIBILITY REQUIREMENTS:

FIRST YEAR

- Three-\$500 scholarships awarded to the three students with the highest high school g.p.a. Tiebreaker is the Mechanical Reasoning test score.
- Two-\$500 scholarships awarded to the two students with the highest Mechanical Reasoning test score. Tiebreaker is high school g.p.a.
- John Deere scholarship applications are to be used.
- Applicants must submit a transcript from high school or evidence of GED exam.
- Scholarship applications are due before the first day of class of their first quarter.
- Scholarships will be awarded on registration date of their second quarter.
- One scholarship per student per year.

SECOND YEAR

- Two- \$500 scholarships awarded to the students with the highest g.p.a. at the beginning of their second year.
- Two-\$500 scholarships awarded for demonstrating involvement to help promote the John Deere program. (A written report required).
- Two-\$250 scholarships awarded for leadership and achievement while enrolled at WWCC.
- John Deere scholarship applications are to be used.
- Applications will be due before the first day of class of your 2nd year.
- Scholarships awarded at registration date of their sixth quarter.
- One scholarship per student per year.
- Recipients will be determined by John Deere representative and an advisory member.

APPLICATION PROCEDURES:

Applications must be submitted to the John Deere Department at WWCC, 500 Tausick Way, Walla Walla, WA 99362-9267.

Applications must be submitted along with the following:

- a. Application Form
- b. Two completed reference forms
- c. High School Transcript/College Transcript

Application forms can be mailed to you by calling 509-527-4251, or see the Walla Walla Community College web site. Click on “Classes and Degrees”; “Department pages”, then on “John Deere Technology”, then click on Scholarships Available and Application Form.

**JOHN DEERE/WALLA WALLA COMMUNITY COLLEGE
JOHN DEERE TECH PROGRAM**

PROGRAM SCHEDULE

ODD YEAR START

ODD YEAR ONE	
Fall Quarter	Credits
JD 102, Forklift Safety Training and Certification	1
WELD 141, Welding Basics	4
OCSUP 105, Intro to Quant Prob Solving Skills (M)	5
WRITE 100, Writing in the Workplace (W)	3
Total Credits	13
Winter Quarter	Credits
AGPR 139, Agriculture Safety and Health	3
JD 101, John Deere Fundamentals and Orientation	3
IFA 022, Medic First Aid Basic	4
JD 105, John Deere Hydraulics	8
JD 115, John Deere Electrical	8
Total Credits	22.4
Spring Quarter	Credits
JD 190, Cooperative Work Experience I	16
JD 192, Cooperative Seminar I (R)	2
Total Credits	18
Summer Quarter	Credits
JD 120, John Deere Heating and Air Conditioning	4
JD 125, John Deere Fuel and Emissions Systems	4
JD 131, Engine Testing, Repair, and Performance	10
Total Credits	18
Total Year One Credits	71.4

YEAR TWO	
Fall Quarter	Credits
JD 191, Cooperative Work Experience II	16
JD 193, Cooperative Seminar II (J)	2
Total Credits	18
Winter Quarter	Credits
JD 210, John Deere Power Train	8
JD 221, Ag Management Solutions	4
JD 225, John Deere Planting Equipment	3
OCSUP 102, Oral Communication in the Workplace (O)	3
Total Credits	18
Spring Quarter	Credits
JD 290, Cooperative Work Experience III	16
JD 292, Cooperative Seminar III (L)	2
Total Credits	18
Summer Quarter	Credits
JD 215, John Deere Electronics	5
JD 230, John Deere Harvesting Equipment	4
JD 235, John Deere Hydraulics II	5
JD 240, John Deere Advanced Power Training II	4
Total Credits	18
Total Year Two Credits	72
Total Two Years Credits	143.4

(W) - WRITE 100, BUS 137, ENGL& 101 (R) - JD 192
(M) - OCSUP 106, (L) - JD 292
(O) - OCSUP 102, CMST& 220, CMST 102 (J) - JD 193
(W) -Written Communications (O) - Oral Communications
(R) - Human Relations (M) - Computation/Mathematics
(J) - Job Seekings Skills (L) - Leadership

**JOHN DEERE/WALLA WALLA COMMUNITY COLLEGE
JOHN DEERE TECH PROGRAM**

PROGRAM SCHEDULE

EVEN YEARS FALL START

EVEN YEARS FALL START	
Fall Quarter 1st Quarter	Credits
JD 102, Forklift Safety Training and Certification	1
AGPR 139, Agriculture Safety and Health	3
JD 101, John Deere Fundamentals and Orientation	3
IFA 022, Medic First Aid Basic	4
JD 105, John Deere Hydraulics	8
JD 115, John Deere Electrical	8
Total Credits	23.4

Winter Quarter 2nd Quarter	Credits
JD 190, Cooperative Work Experience I	16
JD 192, Cooperative Seminar I (R)	2
Total Credits	18

Spring Quarter 3rd Quarter	Credits
JD 120, John Deere Heating and Air Conditioning	4
JD 125, John Deere Fuel and Emissions Systems	4
JD 131, Engine Testing, Repair, and Performance	10
OCSUP 105, Intro to Quant Prob Solving Skills (M)	5
Total Credits	23

Summer Quarter 4th Quarter	Credits
JD 191, Cooperative Work Experience II	16
JD 193, Cooperative Seminar II (J)	2
Total Credits	18
Total Year One Credits	82.4

YEAR TWO	
Fall Quarter 5th Quarter	Credits
JD 210, John Deere Power Train	8
JD 221, Ag Management Solutions	4
JD 225, John Deere Planting Equipment	3
OCSUP 102, Oral Communication in the Workplace (O)	3
WELD 141, Welding Basics	4
Total Credits	22

Winter Quarter 6th Quarter	Credits
JD 290, Cooperative Work Experience III	16
JD 292, Cooperative Seminar III (L)	2
Total Credits	18

Spring Quarter 7th Quarter	Credits
JD 215, John Deere Electronics	5
JD 230, John Deere Harvesting Equipment	4
JD 235, John Deere Hydraulics II	5
JD 240, John Deere Advanced Power Training II	4
WRITE 100, Writing in the Workplace (W)	3
Total Credits	21
Total Year Two Credits	61
Total Credits	143.4

(W) - WRITE 100, BUS 137, ENGL 097, ENGL& 101 (R) - JD 192
 (M) - OCSUP 105, MATH 072B (L) - JD 292
 (O) - OCSUP 102, CMST& 220, CMST 102 (J) - JD 193

(W) -Written Communications (O) - Oral Communications
 (R) - Human Relations (M) - Computation/Mathematics
 (J) - Job Seekings Skills (L) - Leadership

**Classes other than John Deere will be scheduled as appropriate throughout the four quarters on campus.*

**JOHN DEERE/WALLA WALLA COMMUNITY COLLEGE
JOHN DEERE TECH PROGRAM**

John Deere Tech Course Descriptions

JD 101 J.D. Fundamentals and Orientation

Class Hours: 30

3 Credits

This course provides an introduction to manuals, time management, engine classifications, and serial numbers. Warranty, shop tickets, and John Deere service department policy and procedures are explained. Orientation of tractor and combine evolution and options. The proper use and care of power and hand tools. Encompasses micrometers, dial indicators, torque wrenches, twist drills, taps, dies, screw extractors, thread restoration, tube flaring, fittings, and fasteners. Proper operation of pullers and presses will be demonstrated and practiced. Proper operation of forklifts will be discussed along with hands on proficiency evaluation at the end of class.

JD 102 FORKLIFT OPERATOR CERTIFICATION

Class Hours: 10

1 Credit

This course is designed to give the student training in the safe operation of motorized lift trucks. Equipment inspection and maintenance will be discussed. There will be a hands-on machine operation and evaluation at the conclusion of the course.

JD 105 J.D. Hydraulics

Class Hours: 50

Lab Hours: 60

8 Credits

Principles and application of theory, construction, fluid flow, and testing of hydraulic components and systems as used in John Deere equipment. John Deere theory of operation of low pressure and high pressure system and control circuits functions, testing and repair will be explained, demonstrated, and practiced.

JD 115 J.D. Electrical

Class Hours: 40

Lab Hours: 80

8 Credits

Basic electric principles and applications of magnetism, electromagnetism, and the safe utilization of electrical test meters. The design, construction, and safe operation and testing of lead acid storage batteries will be included. Principles of operation, testing, and repair of ignition systems, cranking systems, and charging systems will be demonstrated and practiced.

- JD 192** **Cooperative Seminar I**
Clock Hours per Quarter: 20 *2 Credits*
 Students explore issues related to their cooperative work experience focusing on effective workplace relationships and how self-knowledge, perception, attitudes, and behavior affect these relationships and job satisfaction. Students will also learn effective learning skills for workplace and educational success. These learning skills include memory, concentration, time management, textbook reading, and exam preparation. Human relations topics include group dynamics, employee and management roles, and conflict resolution. Co-requisite: JD 190
- JD 193** **Cooperative Seminar II**
Clock Hours per Quarter: 20 *2 Credits*
 Explore issues related to their cooperative work experience focusing on effective workplace relationships and applying leadership skills to promote personal development. Provide professional improvement through techniques such as effective communication, conflict resolution, team building, employee engagement and decision making. Co-requisite: JD 191
- JD 210** **J.D. Power Train**
Class Hours: 50 *Lab Hours: 60* *8 credits*
 Theory of power transmission from engine to traction wheels. Includes function and operation of gears, chains, clutches, planetary gears, drive lines, differentials, and transmissions. Complete disassembly, inspection, and reassembly of John Deere clutches, 2-speed planetaries, differentials, final drives, mechanical front-wheel drive, power take-offs, and transmissions as used on John Deere equipment.
- JD 215** **J.D. Cab/Chassis Electrical and Electronics**
Class Hours: 30 *Lab Hours: 40* *5 Credits*
 Review of electrical fundamentals and introduction to basic electronics. This course includes procedures and use of digital multi-meter in electrical circuits. Techniques of circuit diagnosis will be demonstrated by using electrical schematics. Function, operation, and testing of semiconductors and transistors will be covered. Microprocessor operation, including inputs and outputs, will be explained. All tractor circuits including lighting, accessory, safety, instrumentation, and gauges will be tested by the student. Electronic monitoring systems for planting and harvesting equipment will be covered.
- JD 221** **J.D. Ag Management Solutions**
Class Hours: 20 *Lab Hours: 40* *4 Credits*
 This course covers the theory, components, principles of operation, setup and application on various models of John Deere equipment. GPS, yield mapping, and yield monitoring will be discussed.
- JD 225** **J.D. Planting Equipment**
Class Hours: 20 *Lab Hours: 20* *3 Credits*
 This course covers the theory, design, principles of operation and adjustment, troubleshooting, and repair of planting equipment including row crop planters and grain drills. Heavy emphasis will be placed on theory of operation and troubleshooting of planter and grain drill hydraulics and monitor equipment.

- IFA 022 Medic First Aid Basic**
Class Hours: 2 *Lab Hours: 4* *.4 Credits*
 A fundamental training program in emergency care that incorporates CPR and other emergency skills into a single course. Emphasizes utilizing the priorities of care and approach to the patient as demonstrated by professional emergency care providers. The core program provides minimum information and skills for a variety of environments.
- OCSUP 105 Applied Mathematics I**
Class Hours: 5 *Clock hours per quarter 50* *5 Credits*
 An introductory course in problem-solving for vocational and technical programs that use basic computation (both without and with a calculator), pre-algebra, and introductory algebra and geometry skills. Course includes guided and independent practical problem solving, contextualized small-group classroom activities and open-ended projects. A prescribed problem-solving structure will be followed. Prerequisite: Appropriate placement score.
- Write 100**
Class Hours: 30 *3 Credits*
 Provides writing skills useful in the career market. Assignments include writing professional e-mails, memos, letters, and business reports. Students will acquire basic computer skills, and will learn to proofread and edit their own documents. Prerequisite: Appropriate placement score, grade of C or higher in ENGL 077, or instructor permission.
- OCSUP 102 Oral Communications**
Class Hours: 30 *3 Credits*
 Emphasizes the development of content and relationship for effective oral communication. Topics include oral communication skills, interpersonal communication skills, effective listening, and intercultural communication.
- WELD 141 Welding**
Lec Hours: 10 *Lab Hours: 60* *4 Credits*
 Theory and practice of oxyacetylene welding and cutting, including proper operation of equipment. Also included are the principles, safety, procedures, and application of arc and gas metal arc welding
- TST 155 Basic 2-Stroke Engine Principles (Odd Year Start OPTION 1st quarter)**
Class Hours:60 *Lab Hours:80* *10 Credits*
 A comprehensive study of the mechanics of 2-stroke gasoline engine repair and diagnostics used in outdoor power equipment, necessary for EETC Technician Certification.

COMMONLY ASKED QUESTIONS

Q. How do I find a sponsor?

A. The John Deere Tech Program can provide you with a list of dealers who would like to sponsor students. You must then call the specified person for an appointment to discuss the sponsorship. Sell yourself-- remember, **YOU ARE APPLYING FOR A JOB!!** The dealership will instruct you regarding the requirements of any collective bargaining agreements

Q. Do I earn money while working for my employer?

A. Yes, of course! Your pay will be a mutual agreement between you and your employer.

Q. What must I agree to do?

A. Be serious about wanting to be a John Deere Technician. This is a career training. You must want to work hard. You must plan to stay in the program for two years until you graduate.

Q. How will I know if I am accepted into the program?

A. After all testing and interviews at the college are completed and the employer has expressed his/her final acceptance, the application will be sent to the John Deere Service Training Center. Class size is limited so all applicants may not be accepted. When the final decision is made, you will be notified by John Deere and the College.

Q. What if I change my mind?

A. Notify the Instructor/Coordinator, John Deere Ag Tech Program, (509) 527-4251 immediately. This allows us time to select another applicant before registration day at the College.

Q. What happens if I get discharged by my sponsoring employer during the program?

A. You must have a sponsor to continue in the program as the work-experience is essential. If this should happen, notify your instructor/coordinator immediately. Every effort will be made to help you secure a new sponsor if your discharge is for reasons beyond your control.

JOHN DEERE/WALLA WALLA COMMUNITY COLLEGE

JOHN DEERE TECH PROGRAM

REQUIRED TOOL LIST: Subject to change. Please contact instructors before purchasing.

NOTE: TOOLS MAY BE PURCHASED FROM VENDORS ON CAMPUS.

- 1 Safety Glasses (must meet Z87 specs)
- 1 Drawer Tool Chest (Minimum requirement: chest must be large enough for required tools and a stand to support it.)
- 1 0 to 1" Micrometer
- 1 Combination Pliers
- 1 6" Needle Nose Pliers
- 1 7" Diagonal Pliers
- 1 Water Pump or Channel Lock Pliers
- 1 Internal/External Snap Ring Pliers Kit
- 1 4" Vise Grip Pliers/with cutter
- 1 6" Vise Grip Needle nose Pliers
- 1 10" Vise Grip Pliers/with cutter
- 1 Allen Wrench Set (standard & metric)
- 1 'O' Ring Tool
- 1 Penlight
- 1 6" Steel Rule
- 1 Ignition Wrench Set (7/32" 3/8" range)
- 1 Hacksaw/with blades
- 1 Digital Multi with AC/DC Volts, Ohms, Amps, Diode testing ability (Fluke 88 is an example of a meter that would fit your needs)
- 1 Compothane Dead Blow Hammer, 2 or 3 lb.
- 1 .0015" .030" Feeler Gauge Set
- 1 Gasket Scraper
- 1 10" Half Round File/with handle
- 1 10" Single Cut Mill File/with handle
- 1 8" x 5/16" Round File/with handle
- 1 – Welding Helmet
- 1 1 1/2" Flat Tip Screwdriver (NOTE: Flat Tip Screwdriver Dimension refers to Blade Length)
- 1 2 7/8" Flat Tip Screwdriver
- 1 4" Flat Tip Screwdriver
- 1 6" Flat Tip Screwdriver
- 1 8" Flat Tip Screwdriver
- 1 No. 1 Phillips Screwdriver
- 1 No. 2 Phillips Screwdriver
- 1 No. 3 Phillips Screwdriver
- 1 No. 4 Phillips Screwdriver
- 1 Pair of Welding Gloves
- 1 - Air Conditioning Duct Thermometer
- 1 - Brass Drift (1/2" diameter)
- 1 - Center Punch
- 1 1/8" Pin Punch
- 1 5/32" Pin Punch
- 1 3/16" Pin Punch
- 1 1/4" Pin Punch
- 1 1/8" Starting Punch
- 1 1/4" Starting Punch
- 1 3/8" Cold Chisel

REQUIRED TOOL LIST CONTINUED:

- 1 1/2" Cold Chisel
- 1 3/4" Cold Chisel
- 1 Combination Wrenches (3/8" to 1 1/4")
- 1 Metric Combination Wrench Set (8mm to 19mm)
- 1 1/4" Drive Socket Set (1/4" to 1/2") including Ratchet, Short Extension, & Drive Handle
- 1 3/8" Drive Socket Set (3/8" to 7/8") including Ratchet, 4" & 6" Extensions, Flex Handle, & Speed Handle
- 1 1/2" Drive Socket Set (3/8" to 1 1/4") including Ratchet, 3" & 6" Extensions, & Flex Handle
- 1 3/8" Drive Metric Socket Set (8mm to 19mm)
- 1 1/2" Drive Metric Socket Set (10mm to 27mm)
- 1 3/8" to 1/4" Adaptor
- 1 1/4" to 3/8" Adaptor
- 1 3/8" to 1/2" Adaptor
- 1 1/2" to 3/8" Adaptor
- 1 1/2" Drive Torque Wrench (250 ft. lb. minimum)
- 1 6 Point Flare Nut Wrench 1/4" 5/16"
- 1 6 Point Flare Nut Wrench 3/8" 7/16"
- 1 6 Point Flare Nut Wrench 1/2" 9/16"
- 1 6 Point Flare Nut Wrench 5/8" 3/4"
- 1 1/2" Drive Standard Deep Socket Set (12 point)
- 1 1/2" Drive Metric Deep Socket Set (12 point)
- 1 – Flash Light
- 1 20" Rolling Head Bar
- 1 16" Pinch Bar
- 1 18" Pry Bar
- 1 Tire Pressure Gauge (0 - 30 psi capacity)
- 1 2 lb. Ball Pein Hammer. 3 lb. Machine Hammer
- 1 - 1 lb. Ball Pein Hammer
- 1 – Air Nozzle
- 1 – 8" Needle Nose Pliers
- 1 – Large tool chest
- 1 - Roll-away cabinet
- 1 - Drill Bit Set, up to 1/2 inch
- 1 – STD Tap & Die Set to 1/2 inch
- 1 – Metric Tap & Die Set to 13mm

SECOND YEAR TOOLS: Subject to change. Please contact instructors before purchasing.

- 1 3/8" Air Ratchet
- 1 3/8" Air Impact Wrench
- 1 3/8" Impact Socket Set (3/8" to 7/8")
- 1 1/2" Air Impact Wrench
- 1 1/2" Impact Socket Set (3/8" to 1 1/4")
- 1 - Air Die grinder
- 1 - Inductive AMP Clamp (1000 AMP DC)
- 1 - second set of combination wrenches (3/8" - 1 1/4")
- 1 - second set of combination wrenches (8mm - 32mm)
- 1 – Air Drill with 1/2 Chuck
- 1 – 3/8" inch Impact Driver
- 1 – 3/8" to 1 1/4" Angle Head Wrenches

WELDING TRAINING TOOLS LIST FOR NON-WELDING MAJORS

ITEM:

Safety Glasses (clear) with Side Shield UVEX 3000 or equal

Welding Hood Huntsman 490P - i.e. slide front, small lense

Leather Sleeves- i.e. covers shoulders/arms Tillman 3221--**OPTIONAL**

Leather Bib- i.e covers chest/stomach Tillman 3120--**OPTIONAL**

Leather Apron with split leg i.e. covers chest, stomach, waist, & legs Tillman 43 42—**OPTIONAL**

Welding Gloves (stick) thick leather, loose fitting

Welding Gloves (TIG & Gas) Tillman 24C (s,m,l) fairly close fitting but not tight

Welding Goggles (with hard case) goggles framework is stiff not flexible plastic

Striker (single or multiple flint style)

Tip Cleaner (for acetylene tip cleaning)

Wire Brush (long handle w/ stainless steel bristles)

Slag Hammer

Vice Grip 10WR

Weld Cap 100% cotton only--no “adjustable” hat type allowed

Weld Lenses (#4,#5,#9,#10,#11) spares and provides for more experimentation for beginners

Galvanized Bucket (this is your tool box) No plastic items allowed in booth

100% Cotton Shirt/Pants and/or Overalls (No Blends as blends melt)

Work Boots = sewn in shoe tongue w/hard sole (No Sport/Tennis Shoes)

Ear Plug Case i.e.: AO Safety P/N 90585

The listed items are a requirement to possess during all phases of the training program. It is recommended that tools be purchased after hearing the orientation from you instructor. If you already have some of these tiems, bring them to your first class to see if they will function as needed.

**JOHN DEERE/WALLA WALLA COMMUNITY COLLEGE
JOHN DEERE TECH PROGRAM**

**STUDENT RELEASE OF
INFORMATION FORM**

I hereby grant permission to Walla Walla Community College to share all my records and test results concerning the John Deere Tech Program with John Deere Company and my John Deere sponsoring dealership.

Student Signature _____

Print Name: _____

Street Address _____

City, State, Zip _____

Date _____

Return this completed form to:

Instructor/Coordinator
John Deere Tech Program
Walla Walla Community College
500 Tausick Way
Walla Walla, WA 99362
Telephone: (509) 527-4251
Fax: (509) 527-1879

**JOHN DEERE/WALLA WALLA COMMUNITY COLLEGE
JOHN DEERE TECH PROGRAM**

DEALER APPROVAL FORM

APPLICANT NAME: _____

*Applicant: Please submit this form to the college after the interview.

DEALER INTERVIEW: Discuss the following subjects with the applicant. Satisfy yourself that the applicant meets your standards.

- 1. EDUCATION & EXPERIENCE:** Every applicant will have a unique background. Prior training or experience is not essential for success in JD Tech but may be valuable in certain instances.
- 2. SCHOLASTIC APTITUDE:** Review the applicant's potential to complete the academic work required for graduation. This can be determined by interview, testing and consultation with the college or high school.
- 3. COMMITMENT: JD TECH** is approximately two years in length. The JD Tech student must make an honest commitment to complete all required courses.
- 4. EMPLOYABILITY:** The applicant should be viewed as seeking permanent employment. JD TECH will help you train your future technician. Is this person someone you could employ full-time once the required skills are learned?
- 5. CAREER INTEREST:** The applicant should express a strong desire to be a professional technician. Are his/her goals consistent with the dealership's needs for the next few Years?

DEALER APPROVAL: I recommend this applicant for the **JOHN DEERE TECH PROGRAM** and agree to provide sponsorship.

Dealer/Authorized Representative

Title

Dealership

Telephone

Address

Date

City/State/Zip

JOHN DEERE TEXT BOOKS

Listed below are the books you will need for the 2-year John Deere Tech training program. I suggest ordering them all as soon as possible to ensure that you have the books needed at the beginning of each quarter. This order could take up to four weeks to receive.

You can order these from your John Deere Dealer.

Quarter Used	Qty.	Order No.	Subject	Price * Est. Cost
3rd	1	FOS3010NC	Engines	\$50.95
1st and every Quarter	1	FOS2009NC	Elect/Electrical Systems	\$50.95
3rd & 7th	1	FOS5710NC	Air Conditioning	\$28.95
1st & 7th	1	FOS1008NC	Hydraulics	\$50.95
1st	1	FOS5107NC	Shop Tools	\$25.95
5th & 7 th	1	FOS4008NC	Power Trains	\$43.95
1st	1	FOS6006NC	Fasteners	\$22.95
7th	1	FMO14107NC	Hay & Forage Harvesting	\$40.95
7th	1	FMO15106NC	Combine Harvesting	\$36.95
1st and 7th	1	FOS6402NC	Hydraulic Systems Diagnostics	\$22.95
7th	1	FP403NC	Precision Farming Guide	\$35.95
* Prices of textbooks are subject to change.				



Walla Walla Community College...

Your Best Choice