

SOUTHEAST COMMUNITY COLLEGE
TRANSPORTATION DIVISION
JOHN DEERE CONSTRUCTION & FORESTRY EQUIPMENT TECH
COURSE SYLLABUS
November 29, 2022

I. CATALOG DESCRIPTION

Course Number: JDCE1901
Course Title Dealer Cooperative Experience
Prerequisite(s): JDCE1135, JDCE2330
Co-requisite(s): None

Catalog Description: Gain on the job experience in a Deere construction equipment dealership. Apply skills and concepts learned in previous terms. Gain exposure to new on the job tasks and problem-solving opportunities. This will contribute to the learning experience when returning to complete the remaining terms. The cooperative work experience is supervised by Southeast Community College Deere Construction and Forestry Equipment Tech instructors. Dealership repair shop safety rules and practices will be followed during this course.

Credit Hours: 5.0
Class Hours: 0
Lab Hours: 300
Total Contact Hours: 300

II. COURSE OBJECTIVES: *Course will:*

- A.** Allow the student to gain knowledge and on the job experience while under the supervision of the sponsoring dealership and Southeast Community College.
- B.** Allow the student to apply knowledge and skills acquired in Deere C&F Tech courses.
- C.** Provide an opportunity to gain exposure to machine systems and repair procedures that may be new and unfamiliar to the student tech.

III. STUDENT LEARNING OUTCOMES AND GENERAL EDUCATION LEARNING OUTCOMES

A. STUDENT LEARNING OUTCOMES: *Student will be able to:*

- 1. Work safely in a heavy equipment repair shop.
- 2. Complete service repair orders and documents consistent to business requirements.
- 3. Develop positive customer relationship skills.
- 4. Develop positive working relationships with coworkers and supervisors.
- 5. Identify Deere equipment by model and serial numbers.
- 6. Use Service Advisor for machine systems information and technical references.
- 7. Look up part numbers and make parts pick lists as necessary.
- 8. Use hand tools, power tools, and heavy shop equipment effectively to make quality repairs safely.
- 9. Identify threaded fasteners and hose and tube fittings as necessary.
- 10. Use common test equipment to diagnose electrical circuits.
- 11. Complete machine services and inspections.
- 12. Complete entry level repairs on machine engines, fuel systems, hydraulic systems and power train components.

B. GENERAL EDUCATION LEARNING OUTCOME:

GELO 6: Career and Life Skills

1. Employ effective interpersonal and intrapersonal communication skills.
2. Develop knowledge and habits that will foster physical, emotional, social, spiritual, intellectual, and environmental wellness.

IV. CONTENT/TOPICAL OUTLINE

- A.** Dealership Cooperative Work Experience.

V. INSTRUCTIONAL MATERIALS

Required text(s): Service Advisor (made available in the classroom)

Other material(s): Required tool set, safety glasses (regulation Z87), leather shoes, John Deere uniform

VI. METHODS OF PRESENTATION/INSTRUCTION

- A. Methods of presentation typically include a combination of the following:**

1. Small and large group discussion
2. Video presentations
3. Demonstrations
4. Project boards
5. Flip charts
6. Handouts
7. Observations
8. Field trips

VII. METHODS OF EVALUATION

- A. Methods of evaluation typically include a combination of the following:**

1. Weekly work records and written assignments.
2. Employee time cards as needed to verify attendance.
3. The instructor will evaluate student performance during the course with unannounced visits to the dealership, phone calls, emails, and other means of communication with the student and dealership personnel.
4. Oral or written evaluations and/or evaluation forms completed by the students' service manager or direct supervisor.

Grading will follow the SCC Standard Grade Scale Policy. See **Course Information Document** for specific details on how the course grades are calculated.

VIII. SPECIFIC COURSE REQUIREMENTS:

- A.** Students must complete all tests, projects, assignments, and notebook (if required).
- B.** Students must earn a final grade of 70% (2.0) or higher.
- C.** Program safety rules will be followed. See the **Course Information Document** for any additional safety rules established by the instructor.
- D.** Safety belts will be worn at all times, on or in any motorized vehicle, if equipped.
- E.** Attendance and participation. See **Course Information Document** for attendance and participation policy.