Careers in the agricultural equipment service industries offer a variety of challenging and rewarding opportunities. Get the education and hands-on training you need for a career as an ag equipment diesel technician. Graduates can specialize in electrical/electronic systems, precision farming, HVAC, harvesting, planting, hydraulics, power trains and of course engine/fuel systems. Many people choose to be masters of all agricultural equipment systems to personally handle any customer concern. You’ll receive comprehensive training in all ag equipment systems during the program. Jobs are currently available with dealerships, independent shops, farming operations and many more. This course of study utilizes industry-sponsored equipment, tools and resources that are typical of modern dealership service requirements. There are tremendous employment opportunities available now, and this trend will continue in the future.

General Education Requirements:
Contact your program advisor to select general education courses from each category which will meet your program’s graduation requirements. See the General Education pages online for a complete list.
(One class from each area below.)
Oral Communications 4.5
Written Communications 4.5
Critical Thinking & Problem Solving 6.0
PHYS1150 Descriptive Physics 2.0
(Plus two classes from the three areas below; no two classes from the same area.)
Global Awareness and Citizenship, Analytical, Quantitative and Scientific Reasoning, and/or Career and Life Skills.
See catalog for eligible classes. 9.0
24.0 hours

Students are required to provide or purchase a basic tool set during the first quarter. A required tool list is on the back of this page. Students are required to wear program uniforms while in classroom or laboratory settings. Shirts may be purchased in the SCC Campus Store.

Diesel-Ag Equipment Service Tech Courses:
Course offerings and prerequisites will be determined by the program. A grade of “C” or higher in all AGST classes is required to progress through the program.
Course # Course title Credit hrs
AGST1120 Basic Electrical / Electronics 3.0
AGST1121 Electrical / Electronic Circuit Diagnostics 3.0
AGST1122 Electrical Charging Systems 2.0
AGST1123 Shop Processes & Safety 3.0
AGST1124 Power Trains I 3.0
AGST1125 Fuel Systems I 2.0
AGST1126 Theory of Engine Operation 2.0
AGST1228 Valve Trains 3.0
AGST1230 Engine Overhaul and Inspection 8.0
AGST1342 Heating, Ventilation & Air Conditioning I 3.0
AGST1344 Fuel Systems II 4.5
AGST1346 Ag Equipment Hydraulics Systems 7.5
AGST1901 Ag Equipment Cooperative Experience 10.0
AGST2554 Electrical Systems II 5.0
AGST2556 Power Trains II 6.0
AGST2558 Heating, Ventilation & Air Conditioning II 1.5
AGST2662 Planting & Seeding Equipment 5.0
AGST2663 Harvesting Systems 6.5
AGST2664 Spraying Equipment, Precision Guidance & Control Systems 3.0
WELD1191 GMAW and SMAW Industrial 3.0
Optional: 84.0 hours

TRUK1101 CDL-Class A Training 3.5

Graduate Earnings
Recent graduates report an average starting wage of $16 per hour.

For more information contact:
Lester Breidenstine, Program Chair
402-761-8328, 800-933-7223 ext. 8328, lbreiden@southeast.edu

or the College Admissions Office
Milford 402-761-8243, 800-933-7223 ext. 8243

Equal Opportunity/NonDiscrimination Policy- It is the policy of Southeast Community College to provide equal opportunity and nondiscrimination in all admission, attendance, and employment matters to all persons without regard to race, color, religion, sex, age, marital status, national origin, ethnicity, veteran status, sexual orientation, disability, or other factors prohibited by law or College policy. Inquiries concerning the application of Southeast Community College's policies on equal opportunity and nondiscrimination should be directed to the Vice President for Access/Equity/Diversity, SCC Area Office, 301 S. 68th Street Place, Lincoln, NE 68510, 402-323-3412, FAX 402-323-3420, or jsoto@southeast.edu. This publication should not be considered a contract between SCC and any prospective student. SCC’s Board of Governors reserves the right to make changes in this publication during the life of the publication and without notice. A0715 - AGST (06/18)
### Estimated Expenses
Nebraska Resident tuition/fee rate is $69.50 per credit hour. Out-of-state tuition/fee rate is $83.50 per credit hour. Graduation fee is $25. Housing is available at Beatrice and Milford campuses only. Tuition, books and fees are dependent upon classes taken each quarter. Students should plan a budget that includes room, meals, clothing, laundry, medical care, recreation and entertainment, transportation, insurance, etc.

**FIRST QUARTER**
- **Tuition And Fees**: $1,355
- **Books**: 600
- **Tools**: 3,562
- **Supplies (min. of 3 uniform shirts)**: 350
- **Total**: $5,897

**SECOND QUARTER**
- **Tuition And Fees**: $1,599
- **Books**: 520
- **Tools**: 717
- **Total**: $2,836

**THIRD QUARTER**
- **Tuition And Fees**: $1,355
- **Books**: 330
- **Tools**: 1,917
- **Total**: $3,692

**FOURTH QUARTER**
- **Tuition And Fees**: $695
- **COOP Quarter**: Total
- **FIFTH QUARTER**
- **Tuition And Fees**: $1,182
- **Books**: 435
- **Tools (may be purchased from optional list)**: Total
- **Total**: $1,617

**SIXTH QUARTER**
- **Tuition And Fees**: $1,321
- **Books**: 360
- **Tools (may be purchased from optional list)**: Total
- **Total**: $1,681

**Total Estimate For Program**: $16,298

### Basic Tools for Diesel-Ag Equipment Service Technology Program

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