



AGRICULTURE AND HORTICULTURE

Degrees and certificates that give you

HANDS-ON EXPERIENCE

- | Agricultural Business
- | Precision Agriculture

- | Horticulture Industries
- | Diesel Technology

STEPS OF ENROLLMENT



APPLY AND BE AUTOMATICALLY ACCEPTED

Enrolling is easy with Clark State's Admissions Specialists helping you every step of the way! www.clarkstate.edu/apply



APPLY FOR FINANCIAL AID

Learn the steps by going to www.clarkstate.edu/financial-aid/.
Apply at studentaid.gov | Clark State Code: 004852



TAKE THE PLACEMENT ASSESSMENT

For details go to www.clarkstate.edu/admissions/placement-assessment/. Be sure to bring a valid ID.



REGISTER FOR CLASSES WITH HELP FROM AN ADVISOR

Create your academic plan and register for classes. www.clarkstate.edu/admissions/academic-advising/



PAY TUITION WITH FINANCIAL AID OR A PAYMENT PLAN

Pay online via Student Finance on the Clark State Portal. Payment is due seven (7) days prior to the semester. For other payment options visit: www.clarkstate.edu/admissions/tuition-and-fees/payment-options/.

**Complete one of
our Agriculture
and Horticulture
programs in
four steps!**



STEP 1

Apply online at www.clarkstate.edu and complete the enrollment process



STEP 2

Gain industry experience through our internship program and our network of employers



STEP 3

Earn a degree



STEP 4

Enter the Workforce



Skilled Workers Are In Demand

Have an interest in collecting important data for farmers with advanced software and equipment? How about spending your days on a lush green golf course? Do you enjoy the natural beauty of plants? Clark State's Agriculture and Horticulture programs offer you the skills you need for the career you want!

The Agriculture and Horticulture programs focus on horticulture, agricultural business and precision agriculture. The hands-on application of theory gives students real world experience, aiding in their success in the workforce. Choose from one of six degrees including Horticulture Industry and Agricultural Engineering, or a short-term technical certificate in Precision Agriculture!

The demand for workers in the field of Agriculture and Horticulture is growing daily. Get started on your new career today! Clark State offers year-round enrollment and registration. Most degrees are transferable to four-year colleges should you want to continue your education.

Questions? We're here to help!

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Agricultural Business

Do you have a mind for business? Do you enjoy a varied work environment? Then the Agricultural Business program might be a fit for you. We cover a diverse course offering from soil science to equipment operations. Learn not only in a classroom setting, but also gain hands-on experience.

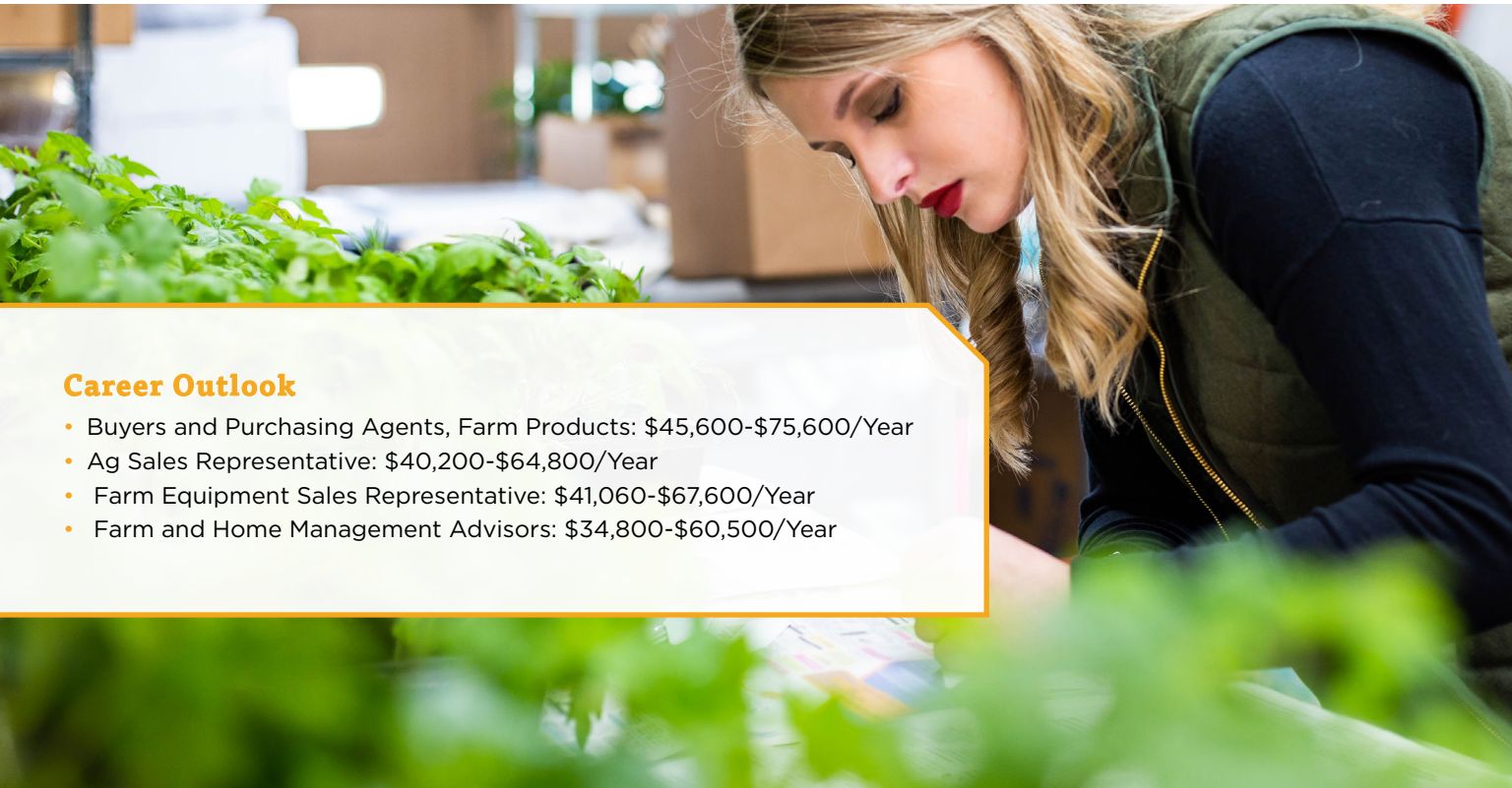
After completing this degree, students will be prepared for entry-level agriculture sales, management and applicator positions. Students in this program are also prepared to continue their education at a four-year institution.

Degrees:

- Associate of Applied Business in Agribusiness
- Associate of Applied Science in Agriculture Engineering

Career Outlook

- Buyers and Purchasing Agents, Farm Products: \$45,600-\$75,600/Year
- Ag Sales Representative: \$40,200-\$64,800/Year
- Farm Equipment Sales Representative: \$41,060-\$67,600/Year
- Farm and Home Management Advisors: \$34,800-\$60,500/Year



Precision Agriculture

Modern agriculture is a fast-changing, technology driven industry. Utilizing technology to better use resources when producing agricultural products. If you have an interest in increasing efficiencies with technology, precision agriculture could be for you.

This program is designed to familiarize students with geographic information systems (GIS), product management software and in cab monitoring systems. This program prepares students for entry-level positions as precision technicians, technology salespersons and technology management.

Degrees:

- Associate of Applied Science degree in Precision Agriculture
- Associate of Applied Science degree in Precision Agriculture - *Technician Option*

Certificate:

- Precision Agriculture Short-Term Technical Certificate



Career Outlook

- Precision Agriculture Technician: \$32,500-\$46,600/Year
- Precision Technology Salesperson: \$53,100-\$87,700/Year
- Precision Data Manager: \$38,200-\$60,800/Year

Horticulture Industries

Utilizing the planet's natural resources may seem like something that comes naturally, but not everyone is equipped with a green thumb. Clark State's Horticulture Industries programs can prepare you for a career in landscape design, golf course operations, nursery management and more!

The Horticultural Industries programs provide basic preparation for careers in the landscape, nursery and turfgrass industries. The campus grounds, including a greenhouse facility and a one-hole golf course, act as a working laboratory to give students practical training. Students specialize in one of five associate degree options.

The Associate of Applied Science degree in Horticulture Industries includes five different concentrations that students can choose from - *Golf Course Operations*, *Landscape Design*, *Natural Resources*, *Nursery Operations* and *Turf and Landscape Operations*.

Degree:

- Associate of Applied Science degree in Horticulture Industries

Career Outlook

- Nursery and Greenhouse Managers: \$40,700-\$74,200/Year
- Supervisors of Landscaping, Lawn Service and Groundskeeping Workers: \$39,700-\$57,800/Year
- Groundskeeping Workers: \$29,700-\$39,200/Year
- Tree Trimmers and Pruners: \$34,800-\$51,300/Year
- Golf Course Superintendent: \$63,900-\$91,800/Year



Diesel Technology Program

The Clark State Diesel Technology program is a comprehensive sequence of courses that combine theory and practical applications. Students learn theory, design, operation, diagnosis, repair and service of diesel engines, power train and chassis, hydraulic systems, and fuel injection systems.

At Clark State we offer two different pathways, a certificate and an associates degree! The Diesel Technology program provides the hands-on skills and comprehensive knowledge required to be successful in the fast growing diesel technology industry.

Embedded Certificate

This degree program contains one or more embedded certificates which will automatically be awarded if the certificate requirements are met unless the student contacts Records and Registration and indicates he/she does not wish to have the certificate credential awarded.

Students will learn to:

- Diagnose and repair medium and heavy- duty truck engines, suspension and steering systems, drivelines and fluid power systems.
- Diagnose and repair medium and heavy-duty truck brake systems and electrical/electronic systems.
- Perform preventative maintenance and inspections on medium and heavy-duty trucks.
- Diagnose and repair medium and heavy-duty truck heating, ventilation and air conditioning systems.

Career Outlook

- Farm Equipment Mechanics and Service Technicians: \$36,000-49,000/Year
- Truck Mechanics and Diesel Engine Specialists - \$41,000-53,000/Year
- Heavy Vehicle and Mobile Equipment Mechanics - \$41,000-53,000/Year





Springfield | Beavercreek | Bellefontaine | Xenia | Online