

Career Infosheet Guide

The purpose of the Career Infosheets is to provide information about specific skills, related academic activities, courses, career personality traits, work-based learning opportunities, credential opportunities, and career pathways for each Great Oaks program. The information provided outlines recommended skills/abilities that a student currently possesses or can develop through instruction and lab activities. We want students to be successful in whatever Great Oaks career program they choose.

ESSENTIAL SKILLS

The Essential Skills listed on each Career Infosheet are derived from the O*Net OnLine that are divided into four primary ability categories:

Cognitive – abilities that influence the acquisition and application of knowledge and problem-solving

Psychomotor – abilities that influence strength, endurance, flexibility, balance and coordination

Physical – abilities that influence the capacity to manipulate and control objects

Sensory – abilities that influence visual, auditory and speech perception

Program-specific ability elements from each category are represented in Career Infosheet sheets to provide the overarching skills required for success in each career path.

More information from O*Net OnLine can be found at: onetonline.org

ACADEMIC SKILLS

The Academic Skills listed on each Career Infosheet are derived from the ACT WorkKeys areas of:

Applied Mathematics – critical thinking, mathematical reasoning and problem-solving techniques

Workplace Documents – use of workplace documents to make job-related decisions to solve problems

Graphic Literacy – comprehension of graphical materials used to solve work-related problems

Career tech instructors provided specific examples of routine academic-related tasks and activities that students will encounter during lab and on the job.

More information from ACT WorkKeys can be found at:

act.org/content/act/en/products-and-services/workkeys-for-employers/assessments.html

DID YOU KNOW STUDENTS IN THIS PROGRAM...

Career tech instructors provided a mix of lab and career-specific activities that students will encounter during lab, or on placement. Information represented in this section highlights some of the activities and skills that students frequently do not know about when deciding whether or not to apply.

A more comprehensive listing of lab activities can be found on Great Oaks Essential Skills Guides at:

hs.greatoaks.com/future-students/essential-skills-for-high-school-programs

COURSES

The Ohio Department of Education (ODE) provides a list of state-approved career and technical education courses used to organize a career tech program. Each Great Oaks campus-based lab is comprised of at least four courses taken over two years. Students are required to sit for end-of-course exams (WebXam) for each career tech course. These exams are similar to academic end-of-course exams like algebra 1 and English language arts. WebXam results along with work-based learning and post-program placement comprise the performance level in the Career Technical Education Quality Program Review.

More information from the Ohio Department of Education can be found at:

education.ohio.gov/Topics/Career-Tech/CTE-Program-Review

Career Infosheet Guide

IS THIS YOU?

The personality profile and key strengths that lead to success combine information from The Career Project, Holland Model of Occupational Themes, O*Net and Ohio Means Jobs. Students can use this information to identify a career that is fulfilling and financially rewarding while using their talent and skills. Some careers fit certain personality types, so understanding how those traits relate is an important first step in choosing a career pathway. More information can be found at:

The Career Project: thecareerproject.org

Holland Model of Occupational Themes: truity.com/test/career-personality-profiler-test

O*Net OnLine: onetonline.org/

Ohio Means Jobs: ohiomeansjobs.ohio.gov/wps/portal/gov/omj/

WORK-BASED LEARNING OPPORTUNITIES

Federal law defines work-based learning opportunities as “sustained interactions with industry or community professionals in real workplace settings, to the extent practicable”. Students at Great Oaks have the opportunity to accumulate 250, or more, hours of work-based learning that aligns with the career path they chose. These experiences are designed to provide authentic learning opportunities that link academic, technical and professional skills. Collaboration between our career instructors and local businesses provide students experiential learning in their career area of choice.

More information about work-based learning can be found at:

education.ohio.gov/Topics/Career-Tech/Career-Connections/Work-Based-Learning

CAREER & COLLEGE READY

Industry-recognized credentials/licenses are a great way to prepare students for success after high school. Great Oaks students have the opportunity to earn industry-recognized credentials/licenses in their program of choice. These credentials/licenses show that the student has met certain standards employers can use to verify their job-readiness. Additionally, some career technical education courses are eligible for career-technical credit transfer to Ohio public colleges and universities. Students who successfully complete certain career technical education courses, pass end-of-course exams, and in some cases, earn an industry credential are eligible to earn college credit while in high school. Career-Technical Assurance Guides (CTAGs) provide students a jump on their college career.

More information about ODE approved industry credentials CTAGs can be found at:

ODE approved industry credentials – education.ohio.gov/Topics/Ohio-s-Graduation-Requirements/Industry-Recognized-Credentials

CTAG information – ohiohighered.org/transfer/ct2

CAREER PATHWAYS

Students who successfully complete Great Oaks career tech programs are ready for an entry-level job. Each career tech pathway has a wide range of career opportunities. Further training and post-secondary training provide additional options for graduates. Listed starting wage ranges are from the Bureau of Labor Statistics and Ohio Means Jobs websites. On-the-job photos were provided by Great Oaks graduates.

Bureau of Labor Statistics Wage Data: bls.gov/bls/blswage.htm

OhioMeansJobs: ohiomeansjobs.ohio.gov/wps/portal/gov/omj/

Animal Science & Management



Laurel Oaks
Live Oaks



MORE INFO
greateoaks.com/animalscience



Skills recommended to be successful in this career pathway:

AGRICULTURE & ENVIRONMENTAL SYSTEMS CAREER CLUSTER

ESSENTIAL SKILLS



Oral communication



Written communication



Physical strength/mobility



Safety awareness



Visual acuity/depth perception



Perceptual speed/clerical & auditory perception



Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Convert units of measure
- Use ratios
- Calculate cost of goods/services



WORKPLACE DOCUMENTS

- Read/use pet medical records
- Understand animal anatomy
- Use safety data sheets



GRAPHIC LITERACY

- Read food labeling
- Use species identification charts
- Read/understand grooming manuals

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Know and understand different types of animals
- * Complete physically demanding tasks
- * Work with, and at times, restrain animals
- * Read animal behavior and adapt quickly to changing situations
- * Clean up after various types of animals
- * Work in an actual, lab-based grooming business
- * Interact with customers and meet their needs

- * Use reception skills like taking messages, registering clients and answering questions
- * Participate in FFA activities
- * Work with cleaning agents/supplies
- * Work at a fast pace responding to the needs of animals
- * Complete homework, tests, and certifications



COURSES



**YEAR
1**

- Animal Health
- Companion Animal Selection, Nutrition, and Management



**YEAR
2**

- Animal Science & Technology
- Business Management for Agriculture and Environmental Systems



VIEW Great Oaks
Course Guide
greateoaks.com/course-guide

**Courses subject to change.*

Animal Science & Management

IS THIS YOU?



Find your work personality type with this free assessment at truity.com:



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Realistic | Conventional

Realistic personality types are “doers;” they like doing something, as opposed to talking or thinking about it. They like to solve problems in the real world. They are practical, independent, assertive, competitive and interested in activities that require motor coordination, skill and strength. Doers with a secondary personality type of “conventional” like to work in organized, independent and structured environments.

Key strengths that lead to success in this career path

- ✓ Integrity
- ✓ Dependability
- ✓ Self-control
- ✓ Attention to detail
- ✓ Cooperation
- ✓ Stress tolerance

WORK-BASED LEARNING OPPORTUNITIES

- ▶ Job shadowing
- ▶ Job placement
- ▶ Guest speakers
- ▶ Field trips
- ▶ Volunteer opportunities with local veterinarians
- ▶ Mentoring
- ▶ School-based pet shop & grooming business

CAREER & COLLEGE READY

Career Credentials

- Elanco (iCEV) Fundamentals of Animal Science Certification
- Elanco (iCEV) Veterinary Medical Applications Certification
- Forklift Operator License
- OSHA 10 - Agriculture
- CPR/First Aid



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to

- ▶▶ Kennel manager
- ▶▶ Laboratory animal caretaker
- ▶▶ Pet stylist
- ▶▶ Veterinary technician
- ▶▶ Biologist/zoologist
- ▶▶ Veterinarian



VIEW Essential Skills Guides
greatoaks.com/essential-skills

Entry-level pay range in Ohio

\$9 - 18
per hour



Great Oaks alum
Dani Lundsford

Automotive Refinishing & Collision Repair



Diamond Oaks
Laurel Oaks
Live Oaks
Scarlet Oaks



MORE INFO
greatoaks.com/autorefinishing



Skills recommended to be successful in this career pathway:

TRANSPORTATION SYSTEMS CAREER CLUSTER

ESSENTIAL SKILLS

- Oral communication
- Written communication
- Physical strength/mobility
- Safety awareness
- Reasoning skills/mechanical aptitude
- Perceptual speed/clerical & auditory perception
- Visual acuity/depth perception
- Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Use mixing ratios
- Measure tolerances to 2mm
- Understand budgets/estimates



WORKPLACE DOCUMENTS

- Read/use SDS sheets
- Follow instructional guides
- Refer to manufacturer's technical sheets



GRAPHIC LITERACY

- Interpret 3D images
- Use images to make repairs
- Read CAD drawings/schematics

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Complete work that will be inspected and held to a 100% standard
- * Need knowledge of basic tools – identification and use
- * Use safety equipment like respirators and other PPEs
- * Work in hot environments (welding and paint booths)
- * Perform precision repairs that meet manufacturer standards
- * Learn about flat pay
- * Work to collision industry standards
- * Work with multiple types of metals and plastics
- * Follow I-CAR repair standards and work toward and earn certifications
- * Have a love for cars and enjoy working on them



COURSES



YEAR
1

- Collision Paint and Refinish
- Nonstructural Inspection and Repair



YEAR
2

- Structural Inspection and Repair
- Electrical and Mechanical Systems



VIEW Great Oaks
Course Guide
greatoaks.com/course-guide

**Courses subject to change.*

Automotive Refinishing & Collision Repair

IS THIS YOU?



Find your work personality type with this free assessment at truity.com:



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Realistic

Realistic personality types are “doers;” they like doing something as opposed to talking or thinking about it. They like to solve problems in the real world. They are practical, independent, assertive, competitive and like activities that require hand-eye coordination, skill and strength.

Key strengths that lead to success in this career path

- ✓ Attention to detail
- ✓ Dependability
- ✓ Integrity
- ✓ Achievement/effort
- ✓ Innovation
- ✓ Analytical thinking

WORK-BASED LEARNING OPPORTUNITIES

- ▶ Job shadowing
- ▶ Job placement
- ▶ Guest speakers
- ▶ Field trips
- ▶ Local body shop tours
- ▶ Attend regional car shows
- ▶ Mentoring
- ▶ Customer repair work

CAREER & COLLEGE READY

Career Credentials

- I-CAR Collision Repair
- I-CAR ProLevel 1 Refinishing Technician
- SP2 Collision Safety
- CPR/First Aid



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to



- ▶ Detailer
- ▶ Automotive refinishing helper
- ▶ Painter
- ▶ Collision technician
- ▶ Parts specialist
- ▶ Estimator



VIEW Essential Skills Guides
greatoaks.com/essential-skills

Entry-level pay range in Ohio

\$12 - 31
per hour



Great Oaks alum
Matthew Neal

Automotive Service Technician



Diamond Oaks
Laurel Oaks
Live Oaks
Scarlet Oaks



MORE INFO
greatoaks.com/autoservicetech



Skills recommended to be successful in this career pathway:

TRANSPORTATION SYSTEMS CAREER CLUSTER

ESSENTIAL SKILLS



Oral communication



Written communication



Physical strength/mobility



Safety awareness



Visual acuity/depth perception



Perceptual speed/clerical & auditory perception



Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Use algebraic equations (Ohm's Law)
- Measure using metric and standard units
- Use fractions



WORKPLACE DOCUMENTS

- Read/use repair manuals
- Follow written instructions
- Read/follow SDS sheets



GRAPHIC LITERACY

- Interpret wiring diagrams
- Use CAD drawings to make repairs
- Follow instructional repair videos

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Complete work that will be inspected and held to a 100% standard
- * Need knowledge of basic tools – identification and use
- * Use safety equipment like safety glasses and steel toed boots 100% of the time
- * Work in environments that can be uncomfortable
- * Learn about flat rate work pay
- * Perform complex repairs following industry standards
- * Work with other students on projects
- * Work with cars and trucks from multiple manufacturers
- * Follow ASE repair standards and work toward earning student ASE certifications
- * Love cars and enjoy working on them



COURSES



YEAR
1

- Ground Transportation Maintenance
- Auto Braking, Suspension and Steering



YEAR
2

- Ground Transportation Electrical/Electronics
- Automotive Engine Performance



VIEW Great Oaks
Course Guide
[greatoaks.com/
course-guide](http://greatoaks.com/course-guide)

**Courses subject to change.*

Automotive Service Technician

IS THIS YOU?



Find your work personality type with this free assessment at truity.com:



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Realistic | Investigative

Realistic personality types are “doers;” they like doing something, as opposed to talking or thinking about it. They like to solve problems in the real world. They are practical, independent, assertive, competitive, and interested in activities that require motor coordination, skill, and strength. Doers with a secondary personality type of “investigative” have the particular desire to solve problems based on research.

Key strengths that lead to success in this career path

- ✓ Attention to detail
- ✓ Dependability
- ✓ Integrity
- ✓ Persistence
- ✓ Independence
- ✓ Initiative

WORK-BASED LEARNING OPPORTUNITIES

- ▶ Job placement
- ▶ Local dealership tours
- ▶ Attend regional car/equipment shows
- ▶ Job shadow
- ▶ Mentoring

CAREER & COLLEGE READY

Career Credentials

- ASE Maintenance & Light Repair
- ASE Student Certifications:
 - Automobile Service Technology,
 - Automotive Automatic Transmission/Transaxle,
 - Automotive Brakes, Automotive Electronic/Electrical System,
 - Automotive Engine Performance,
 - Automotive Engine Repair,
 - Automotive Heating & Air Conditioning, Automotive Maintenance & Light Repair,
 - Automotive Manual Drive Train & Axles, Automotive Suspension & Steering, Steering & Suspension
- Refrigerant Recovery & Recycling
- SP2 Auto Mechanic Safety
- CPR/First Aid



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to



- ▶ Dealership technician
- ▶ Entry level technician
- ▶ Tire/lube technician
- ▶ Parts specialist
- ▶ Entrepreneur (run your own shop)
- ▶ Service manager
- ▶ Assistant service manager
- ▶ Service advisor
- ▶ Shop foreman



VIEW Essential Skills Guides
greatoaks.com/essential-skills

Entry-level pay range in Ohio

\$11 - 31
per hour



Great Oaks alum
Michael Dodson

Aviation Maintenance Technician



Diamond Oaks
Laurel Oaks










MORE INFO
greatoaks.com/aviation

Skills recommended to be successful in this career pathway:

TRANSPORTATION SYSTEMS CAREER CLUSTER

ESSENTIAL SKILLS

-  Oral communication
-  Written communication
-  Physical strength/mobility
-  Safety awareness
-  Perceptual speed/clerical & auditory perception
-  Visual acuity/depth perception
-  Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Use precision measuring tools (micrometers)
- Measure to nearest 1/10,000 inch
- Use algebraic equations (Ohm's Law)



WORKPLACE DOCUMENTS

- Complete log books
- Understand/use technical jargon
- Read/understand FAA regulations/laws



GRAPHIC LITERACY

- Understand wiring schematics
- Read blueprints/diagrams
- Use exploded diagrams for repairs

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Work in confined spaces, various heights and all types of weather
- * Complete very detailed work tasks
- * Have or develop troubleshooting/problem-solving skills
- * Work as a team to complete complex repairs
- * Pass a drug test per FAA regulations
- * Have or develop a mechanical aptitude
- * Learn and follow FAA regulations
- * Use all types of tools and specialized equipment
- * Perform precise work that requires high standards of completion



COURSES



**YEAR
1**

- Aviation
- Aviation Maintenance – General



**YEAR
2**

- Aviation Structure and Design
- Aviation Airframe Systems and Components



VIEW Great Oaks
Course Guide
greatoaks.com/course-guide

**Courses subject to change.*

Aviation Maintenance Technician

IS THIS YOU?



Find your work personality type with this free assessment at truity.com:



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Realistic | Conventional

Realistic personality types are “doers;” they like doing something, as opposed to talking or thinking about it. They like to solve problems in the real world. They are practical, independent, assertive, competitive, and interested in activities that require motor coordination, skill, and strength. Doers with a secondary personality type of “conventional” like to work in organized, independent and structured environments.

Key strengths that lead to success in this career path

- ✓ Attention to detail
- ✓ Integrity
- ✓ Dependability
- ✓ Persistence
- ✓ Self-control
- ✓ Adaptability/flexibility

WORK-BASED LEARNING OPPORTUNITIES

- ▶ Job shadowing
- ▶ Guest speakers
- ▶ Field trips
- ▶ Internships with local air carriers (Delta, Kalitta Air)

CAREER & COLLEGE READY

Career Credentials

- Federal Aviation Administration (FAA) – Airframe Mechanic
- OSHA 10 – General Industry
- CPR/First Aid



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to

- ▶▶ FAA-certified airframe mechanic
- ▶▶ Parts manager
- ▶▶ General aviation technician
- ▶▶ Corporate aviation technician
- ▶▶ Private aviation technician

GO HERE



VIEW Essential Skills Guides
greatoaks.com/essential-skills

Entry-level pay range in Ohio

\$21 - 45
per hour



Great Oaks alum
Tyler Lynch



Diamond Oaks
Laurel Oaks
Live Oaks



MORE INFO
[greatoaks.com/
careerx](http://greatoaks.com/careerx)



Skills recommended to be successful in this career pathway:

ESSENTIAL SKILLS



Oral communication



Visual acuity/depth perception



Physical strength/mobility



Eye/hand/arm coordination/manual dexterity



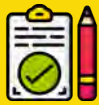
Safety awareness

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Manage time
- Measure volume/weight/temperature
- Prepare a budget



WORKPLACE DOCUMENTS

- Read multi-step directions
- Find/interpret information
- Complete employment documents



GRAPHIC LITERACY

- Read product labeling
- Use a calendar
- Read recipes/instructions

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Communicate quickly and clearly with teammates
- * Complete a one-year program with a variety of work-based learning
- * Work and effectively communicate with new people
- * Remain calm in stressful and new situations
- * Adapt quickly to changing environments

- * Recognize need and act
- * Practice appropriate workplace behavior and skills
- * Follow multi-step directions (written, oral, visual)
- * Prepare employment documents
- * Develop self-advocacy skills used in adulthood



EMPLOYABILITY SKILLS COURSE



Practical Assessment Exploration System (PAES)

- Computer Technology
- Construction/industrial
- Processing/production
- Consumer/Service
- Business/Marketing



VIEW Great Oaks
Course Guide
[greatoaks.com/
course-guide](http://greatoaks.com/course-guide)

Career X

IS THIS YOU?



Find your work personality type with this free assessment at truity.com:



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Social | Realistic

Social personality types are “helpers;” they are friendly, outgoing, thoughtful, generous, empathetic and natural born helpers. They like to make a valuable impact on the lives of others. They are drawn to others with a desire to connect and seek close relationships. They value cooperation and cohesion. Helpers with a secondary personality type of “realistic” like to do practical and hands-on work and will thrive in careers where they can use their hands to help people.

Key strengths that lead to success in this career path

- ✓ Dependability
- ✓ Adaptability/flexibility
- ✓ Self-control
- ✓ Attention to detail
- ✓ Empathy
- ✓ Cooperation

WORK-BASED LEARNING OPPORTUNITIES

- ▶ Community service opportunities
- ▶ School-based enterprise (partnering with local businesses)
- ▶ Learn transferrable employability skills with business partners

TRANSITION PLANNING



- Connect students with transitional services
- Complete transition assessments to determine needs
- Explore post-secondary options
- Develop self-advocacy skills and strategies to transition into adulthood
- Practice independent living skills
- Prepare for competitive employment

CAREER PATHWAYS

After completing the program, students can:

- ▶ Begin an entry level job
- ▶ Work with an adult services agency
- ▶ Apply to a Project SEARCH program
- ▶ Pursue further training



VIEW Essential Skills Guides
greatoaks.com/essential-skills



Great Oaks alum
Blake Warren

CNC Advanced Manufacturing Technologies



Diamond Oaks
Live Oaks



MORE INFO
[greateaks.com/
CNC](http://greateaks.com/CNC)



Skills recommended to be successful in this career pathway:

MANUFACTURING CAREER CLUSTER

ESSENTIAL SKILLS

- Oral communication
- Physical strength/mobility
- Safety awareness
- Reasoning skills/mechanical aptitude
- Perceptual speed/clerical & auditory perception
- Visual acuity/depth perception
- Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Understand coordinate plane
- Work with decimals and fractions
- Comprehend 2D/3D objects in space



WORKPLACE DOCUMENTS

- Read/use equipment manuals
- Follow safety guidelines
- Use technical software information



GRAPHIC LITERACY

- Read decimal charts
- Use plotted graphs
- Read/understand blueprints

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Know and understand different types of metals (metallurgy)
- * Work with sharp objects and rotating parts
- * Have an engineering mindset and mechanical aptitude
- * Commit to seeing project through to the end
- * Recognize details and follow precise instructions
- * Communicate clearly and work as a team
- * Remain aware of surroundings at all times
- * Work with various types of materials (metal, wood, plastics)
- * Experience subtractive and additive manufacturing techniques
- * Create things that have never been made



COURSES



- Machining with Industrial Lathes
- Industrial Milling Machines
- Machine Tools



- Computer Numerical Control with Industrial Mills and Lathes
- Manufacturing Capstone Course



VIEW Great Oaks
Course Guide
[greateaks.com/
course-guide](http://greateaks.com/course-guide)

**Courses subject to change.*



CNC Advanced Manufacturing Technologies

IS THIS YOU?



Find your work personality type with this free assessment at truity.com:



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Realistic

Realistic personality types are “doers,” they like doing something as opposed to talking or thinking about it. They like to solve problems in the real world. They are practical, independent, assertive, competitive and like activities that require hand-eye coordination, skill and strength.

Key strengths that lead to success in this career path

- ✓ Attention to detail
- ✓ Persistence
- ✓ Dependability
- ✓ Adaptability/flexibility
- ✓ Integrity
- ✓ Stress tolerance

WORK-BASED LEARNING OPPORTUNITIES

- ▶ Job placement
- ▶ Job-shadowing
- ▶ Guest speakers
- ▶ Field trips
- ▶ Community-based customer projects in lab

CAREER & COLLEGE READY

Career Credentials

- National Institute for Metalworking Skills – Level 1
- FANUC Certified CNC Machining Center Programming and Operation
- OSHA 10 – General Industry
- CPR/First Aid



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to

- ▶ CNC operator/programmer
- ▶ Bench hand
- ▶ Tool room supervisor
- ▶ Quality control technician
- ▶ Tool set-up technician
- ▶ Engineer



VIEW Essential Skills Guides
greatoaks.com/essential-skills

Starting salaries in this field

\$13 - 31
per hour



Nick Fierman
Great Oaks Alum

Commercial & Residential Electricity



Diamond Oaks
Scarlet Oaks



MORE INFO
[greatoaks.com/
electricity](http://greatoaks.com/electricity)

Skills recommended to be successful in this career pathway:

CONSTRUCTION TECHNOLOGIES CAREER CLUSTER

ESSENTIAL SKILLS



Oral communication



Written communication



Physical strength/mobility



Safety awareness



Visual acuity/depth perception



Perceptual speed/clerical & auditory perception



Reasoning skills/mechanical aptitude



Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



MATHEMATICS

- Measure and use fractions
- Use algebraic equations (Ohm's Law)
- Work with decimals and percentages



WORKPLACE DOCUMENTS

- Use/understand electrical terminology
- Follow National Electrical Code standards
- Understand written work orders



GRAPHIC LITERACY

- Read/understand blueprints
- Follow wiring schematics
- Use graphic instructions

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Learn about the field of commercial and residential electricity
- * Use various hand and power tools
- * Complete a wide range of installation projects in lab
- * Maintain high academic standards to go on placement
- * Work in different environments and various weather conditions

- * Experience working with other trade professionals
- * Frequently work around loud noises, at various heights, and in confined spaces
- * Connect with local electrical contracting business owners and managers



COURSES



- Core and Sustainable Construction
- Residential Electrical Systems



- Construction and Electrical Systems
- Commercial and Industrial Construction Electrical Systems



VIEW Great Oaks
Course Guide
[greatoaks.com/
course-guide](http://greatoaks.com/course-guide)

**Courses subject to change.*

Commercial & Residential Electricity

IS THIS YOU?



Find your work personality type with this free assessment at truity.com:



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Realistic | Investigative

Realistic personality types are “doers;” they like doing something, as opposed to talking or thinking about it. They like to solve problems in the real world. They are practical, independent, assertive, competitive, and interested in activities that require motor coordination, skill, and strength. Doers with a secondary personality type of “investigative” have the particular desire to solve problems based on research.

Key strengths that lead to success in this career path

- | | |
|-----------------------|-----------------------|
| ✓ Dependability | ✓ Analytical thinking |
| ✓ Attention to detail | ✓ Initiative |
| ✓ Integrity | ✓ Leadership |

WORK-BASED LEARNING OPPORTUNITIES

- | | |
|-----------------|-----------------------------|
| ▶ Job shadowing | ▶ Guest speakers |
| ▶ Job placement | ▶ Field trips to work sites |

CAREER & COLLEGE READY

Career Credentials

- NCCER Core
- NCCER Level 1 – Electricity
- NCCER Level 2 – Electricity
- Manlift Operations
- OSHA 10 – Construction
- CPR/First Aid



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to



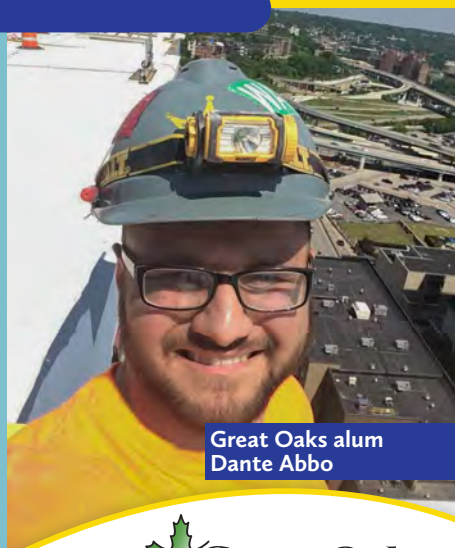
- ▶▶ Supply house worker
- ▶▶ Electrical apprentice
- ▶▶ Electrical journeyman
- ▶▶ Electrician
- ▶▶ Lineman
- ▶▶ Estimator
- ▶▶ Project manager



VIEW Essential Skills Guides
greatoaks.com/essential-skills

Entry-level pay range in Ohio

\$15 - 39
per hour



Great Oaks alum
Dante Abbo

Construction Framing & Finishing Technologies



Diamond Oaks
Scarlet Oaks



MORE INFO
[greatoaks.com/
construction](http://greatoaks.com/construction)

Skills recommended to be successful in this career pathway:

CONSTRUCTION TECHNOLOGIES CAREER CLUSTER

ESSENTIAL SKILLS



Oral communication



Written communication



Physical strength/mobility



Safety awareness



Visual acuity/depth perception



Perceptual speed/clerical & auditory perception



Reasoning skills/mechanical aptitude



Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Use geometry for calculations
- Measure/use fractions and work with angles
- Create project budgets



WORKPLACE DOCUMENTS

- Read contracts/change orders
- Understand building codes
- Follow installation instructions



GRAPHIC LITERACY

- Interpret blueprint drawings
- Use punch-out lists
- Visualize plans in multiple dimensions

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Use practical math to solve problems on job
- * Work with various types of equipment and tools
- * Understand hazards of working around equipment
- * Work in all types of weather
- * Maintain constant awareness of surroundings
- * Have knowledge of construction materials

- * Frequently lift items more than 50 pounds
- * Rely on hand/foot/eye coordination to operate equipment
- * Maintain a safe and organized work environment
- * Must pass a pre-employment drug screen test for many jobs



COURSES



**YEAR
1**

- Core and Sustainable Construction
- Remodeling/Renovation
- Principles of Wood Construction



**YEAR
2**

- Structural Systems
- Construction Capstone



VIEW Great Oaks
Course Guide
[greatoaks.com/
course-guide](http://greatoaks.com/course-guide)

**Courses subject to change.*

Construction Framing & Finishing Technologies

IS THIS YOU?



Find your work personality type with this free assessment at truity.com:



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Realistic | Conventional

Realistic personality types are “doers;” they like doing something, as opposed to talking or thinking about it. They like to solve problems in the real world. They are practical, independent, assertive, competitive, and interested in activities that require motor coordination, skill, and strength. Doers with a secondary personality type of “conventional” like to work in organized, independent, and structured environments.

Key strengths that lead to success in this career path

- ✓ Attention to detail
- ✓ Dependability
- ✓ Cooperation
- ✓ Integrity
- ✓ Stress tolerance
- ✓ Concern for others

WORK-BASED LEARNING OPPORTUNITIES

- ▶ Job placement
- ▶ Job shadowing
- ▶ Guest speakers
- ▶ Field trips
- ▶ Community-based customer projects in lab

CAREER & COLLEGE READY

Career Credentials

- CITF Career Connections Certificate – Level 1
- CITF Career Connections Certificate – Level 2
- CITF Career Connections Certificate – Level 3
- Manlift Operations
- OSHA 10 – Construction
- CPR/First Aid



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to

- ▶ Laborer
- ▶ Carpentry subcontractor
- ▶ Building inspector
- ▶ Cabinet maker
- ▶ Equipment operator
- ▶ Foreman
- ▶ Construction superintendent



VIEW Essential Skills Guides
greatoaks.com/essential-skills

Entry-level pay range in Ohio

\$13 - 36
per hour



Great Oaks alum
Zach Simpson

Cosmetology



Diamond Oaks
Laurel Oaks
Live Oaks
Scarlet Oaks



MORE INFO
greatoaks.com/cosmo



Skills recommended to be successful in this career pathway:

HUMAN SERVICES CAREER CLUSTER

ESSENTIAL SKILLS



Oral communication



Written communication



Physical strength/mobility



Safety awareness



Perceptual speed/clerical & auditory perception



Visual acuity/depth perception



Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Use ratios to mix colors
- Understand angles/shapes/movement
- Compare prices and estimate time



WORKPLACE DOCUMENTS

- Understand state board regulations
- Read safety data sheets
- Follow product instructions



GRAPHIC LITERACY

- Interpret product labeling
- Understand/use the color wheel
- Follow pictorial instructions

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Learn how to build a client-based business
- * Use artistic abilities to create style
- * Work toward earning a state cosmetology license
- * Launder and sanitize items regularly
- * Communicate and work with others
- * Perform manicures/pedicures
- * Stand while working most of the day

- * Work with various chemicals
- * Complete Ohio Board of Cosmetology intern hours
- * Maintain a safe and organized work environment
- * Communicate with customers



COURSES



**YEAR
1**

- Microbiology and Infection Control
- Hand and Foot Fundamentals and Enhancements



**YEAR
2**

- Fundamentals of Hair Cutting and Styling
- Skincare Fundamentals



VIEW Great Oaks
Course Guide
greatoaks.com/course-guide

**Courses subject to change.*

Cosmetology

IS THIS YOU?



Find your work personality type with this free assessment at truity.com:



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Artistic | Enterprising

Artistic personality types are “creators;” they have a natural ability to see things from different perspectives and have new, creative, and innovative ideas. They value self-expression and think outside the box. They typically do not prefer structure or routine, nor tend to just accept and follow rules. Creators with a secondary personality type of “enterprising” are likely to prefer influential and entrepreneurial roles.

Key strengths that lead to success in this career path

- ✓ Attention to detail
- ✓ Self-control
- ✓ Cooperation
- ✓ Dependability
- ✓ Adaptability/flexibility
- ✓ Independence

WORK-BASED LEARNING OPPORTUNITIES

- ▶ Job shadowing
- ▶ Job placement
- ▶ Guest speakers
- ▶ 150-hour summer internship
- ▶ Mentoring
- ▶ Salon visits
- ▶ Clients in cosmetology lab

CAREER & COLLEGE READY

Career Credentials

- Ohio Cosmetology License
- CPR/First Aid



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to



- ▶ Make-up consultant
- ▶ Nail technician
- ▶ Color consultant/specialist
- ▶ Aesthetician
- ▶ Salon manger
- ▶ Salon owner
- ▶ Platform artist



VIEW Essential Skills Guides greatoaks.com/essential-skills

Entry-level pay range in Ohio

\$9 - 25
per hour



Great Oaks alum Maddy Bundy



Culinary Arts & Hospitality Services



Diamond Oaks
Live Oaks
Scarlet Oaks



MORE INFO
[greatoaks.com/
culinary](http://greatoaks.com/culinary)



Skills recommended to be successful in this career pathway:

HOSPITALITY & TOURISM CAREER CLUSTER

ESSENTIAL SKILLS



Oral communication



Written communication



Physical strength/mobility



Safety awareness



Perceptual speed/clerical & auditory perception



Visual acuity/depth perception



Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Work with fractions
- Measure volumes/weights
- Develop budgets and scale recipes



WORKPLACE DOCUMENTS

- Read/interpret recipes
- Understand profit/loss statements
- Follow health/safety guidance



GRAPHIC LITERACY

- Interpret ratio/proportion tables
- Follow graphic instructions
- Understand product labeling

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Maintain high standards of personal hygiene
- * Stand while working most of the day
- * Work in a hot environment
- * Compile and maintain records of food use and expenditures
- * Adapt quickly to changing environments
- * Remain calm in high-stress/busy work conditions

- * Interact with team members and customers
- * Work with various cleaning/sanitizing chemicals
- * Understand food allergies and associated restrictions
- * Maintain a safe and organized work environment
- * Quickly pivot and problem-solve situations



COURSES



**YEAR
1**

- Hospitality Fundamentals
- Fundamentals of Food Production



**YEAR
2**

- Restaurant Management
- Baking and Pastry Arts



VIEW Great Oaks
Course Guide
[greatoaks.com/
course-guide](http://greatoaks.com/course-guide)

**Courses subject to change.*

Culinary Arts & Hospitality Services

IS THIS YOU?



Find your work personality type with this free assessment at truity.com:



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Enterprising | Realistic

Enterprising personality types are “persuaders;” they are adventurous, energetic, confident, assertive and influential. They are good talkers, very persuasive, with natural ability to lead others so are often found socializing! They work best with people and data. Persuaders with a “realistic” secondary personality type are likely to thrive in practical careers, where they can operate machinery and tackle work.

Key strengths that lead to success in this career path

- ✓ Dependability
- ✓ Initiative
- ✓ Adaptability/flexibility
- ✓ Leadership
- ✓ Stress tolerance
- ✓ Attention to detail

WORK-BASED LEARNING OPPORTUNITIES

- ▶ Job shadowing
- ▶ Job placement
- ▶ Guest speakers
- ▶ Field trips
- ▶ In-lab meal serves
- ▶ Farm-to-table events
- ▶ College visits

CAREER & COLLEGE READY

Career Credentials

- Rise UP Customer Service and Sales
- Rise UP Retail Industry Fundamentals
- National Restaurant Association ServSafe Manager/Person In Charge – Ohio Certification
- CPR/First Aid



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to



- ▶ Cook
- ▶ Caterer
- ▶ Sous chef
- ▶ Chef
- ▶ Personal chef
- ▶ Food stylist
- ▶ Hospitality management
- ▶ Restaurant owner
- ▶ Event planner
- ▶ Food scientist
- ▶ Dietitian

Entry-level pay range in Ohio

\$15 - 24
per hour



VIEW Essential Skills Guides
greatoaks.com/essential-skills



Great Oaks alum
Kyle Nared

Dental Assisting



Laurel Oaks
Scarlet Oaks



MORE INFO
[greatoaks.com/
dental](http://greatoaks.com/dental)



Skills recommended to be successful in this career pathway:

HEALTH SCIENCE CAREER CLUSTER

ESSENTIAL SKILLS



Oral communication



Written communication



Physical strength/mobility



Safety awareness



Visual acuity/depth perception



Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Use/understand ratios
- Convert units of measure
- Understand normal/abnormal ranges



WORKPLACE DOCUMENTS

- Read/use SDS sheets
- Understand/use dental terminology
- Use patient records and billing information



GRAPHIC LITERACY

- Interpret patient charts
- Read/use digital X-ray images
- Understand tooth morphology

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Get hands-on experience learning dental assisting practices in lab
- * Deliver courteous and professional care to patients
- * Follow all HIPAA patient protection standards and OSHA health safety practices
- * Routinely communicate and use medical terminology
- * Work with advanced dental technology
- * Complete periodontal charts and other medical records
- * Use fine-motor skills and frequently work standing up
- * Help calm patients who are anxious about dental visits
- * Work with team of other dental professionals
- * Understand infection control and sterilization



COURSES



**YEAR
1**

- Oral Diagnosis and Treatment Planning
- Dental Technology
- Medical and Dental Office Technology



**YEAR
2**

- Dental Radiography
- Health Science Capstone



**VIEW Great Oaks
Course Guide**
[greatoaks.com/
course-guide](http://greatoaks.com/course-guide)

**Courses subject to change.*

Dental Assisting

IS THIS YOU?



Find your work personality type with this free assessment at truity.com:



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Conventional | Realistic

Conventional personality types are “organizers;” they like predictability, structure, rules and order. They focus on detail and work in an organized and methodical manner to get things done on time with high standards. Organizers with a secondary personality type of “realistic” like to work in practical and organized environments where they can work with their hands.

Key strengths that lead to success in this career path

- ✓ Attention to detail
- ✓ Dependability
- ✓ Self-control
- ✓ Stress tolerance
- ✓ Integrity
- ✓ Adaptability/flexibility

WORK-BASED LEARNING OPPORTUNITIES

- ▶ Job shadowing
- ▶ Job placement
- ▶ Guest speakers
- ▶ Externships
- ▶ HOSA – Future Health Professionals competitions

CAREER & COLLEGE READY

Career Credentials

- CODA Ohio Certified Dental Assistant
- Ohio State Dental Board – Dental Assistant Radiographer
- OSHA 10 – Healthcare
- CPR/First Aid



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to



- ▶▶ Dental receptionist
- ▶▶ Dental assistant
- ▶▶ Specialty dental assistant
- ▶▶ Lab technologist
- ▶▶ Dental hygienist
- ▶▶ Expanded function dental hygienist
- ▶▶ Dentist
- ▶▶ Dental sales rep



VIEW Essential Skills Guides
greatoaks.com/essential-skills

Entry-level pay range in Ohio

\$14 - 30
per hour



Great Oaks alums
Kelly Goodstein and
Josie Stone

Digital Arts & Design



Diamond Oaks
Laurel Oaks
Live Oaks
Scarlet Oaks



MORE INFO
[greatoaks.com/
digitalarts](http://greatoaks.com/digitalarts)



Skills recommended to be successful in this career pathway:

ARTS & COMMUNICATION CAREER CLUSTER

ESSENTIAL SKILLS



Oral communication



Written communication



Safety awareness



Visual acuity/depth perception



Perceptual speed/clerical & auditory perception



Reasoning skills/mechanical aptitude



Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



MATHEMATICS

- Measure design attributes
- Use ratios and convert units
- Estimate time, pay rates, and quotes



WORKPLACE DOCUMENTS

- Read/interpret scope of work documents
- Understand creative briefs
- Use professional communication skills



GRAPHIC LITERACY

- Interpret visual graphics
- Understand graphic messaging
- Critique work using design language

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Follow design standards and adhere to deadlines
- * Manage multiple projects at once
- * Work within specific project guidelines
- * Use Mac and PC computing platforms
- * Explore a wide range of artistic media
- * Explain and articulate artistic ideas
- * Present ideas to clients

- * Receive constructive criticism
- * Regularly revise work to meet client needs
- * Work in and outside of school to complete projects
- * Follow design principles to provide design solutions



COURSES



**YEAR
1**

- Digital Image Editing
- Visual Creation
- Digital Print Design



**YEAR
2**

- Video Production
- Arts and Communication Capstone



VIEW Great Oaks
Course Guide
[greatoaks.com/
course-guide](http://greatoaks.com/course-guide)

**Courses subject to change.*

Digital Arts & Design

IS THIS YOU?



Find your work personality type with this free assessment at [truity.com](https://www.truity.com):



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Social | Realistic

Social personality types are “helpers;” they are friendly, outgoing, thoughtful, generous, empathetic, and natural born helpers. They like to make a valuable impact on the lives of others. They are drawn to others with a desire to connect and seek close relationships. They value cooperation and cohesion. Helpers with a secondary personality type of ‘realistic’ like to do practical and hands-on work and will thrive in careers where they can use their hands to help people.

Key strengths that lead to success in this career path

- ✓ Dependability
- ✓ Adaptability/flexibility
- ✓ Self-control
- ✓ Attention to detail
- ✓ Empathy
- ✓ Cooperation

WORK-BASED LEARNING OPPORTUNITIES

- ▶ Job shadowing
- ▶ Guest speakers
- ▶ Field trips
- ▶ Collaborative design projects
- ▶ Mentorship with real-world design projects

CAREER & COLLEGE READY

Career Credentials

- Adobe Certified Associate:
Animate, After Effects, Photoshop, Premier Pro, Illustrator, InDesign, Dreamweaver
- CPR/First Aid



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to



VIEW Essential Skills Guides
greatoaks.com/essential-skills

Entry-level pay range in Ohio

\$15 - 39
per hour

- ▶ Production designer
- ▶ Graphic designer
- ▶ Photographer
- ▶ Video producer
- ▶ Illustrator
- ▶ Animator



Great Oaks alum
Brandon Kidwell

Early Childhood Education



Laurel Oaks
Live Oaks
Scarlet Oaks



MORE INFO
greatoaks.com/earlychildhood



Skills recommended to be successful in this career pathway:

EDUCATION & TRAINING CAREER CLUSTER

ESSENTIAL SKILLS



Oral communication



Written communication



Physical strength/mobility



Safety awareness



Visual acuity/depth perception



Perceptual speed/clerical & auditory perception



Reasoning skills/mechanical aptitude



Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Use/teach mathematical principles
- Create/monitor budgets
- Measure lengths, volumes, weights and time



WORKPLACE DOCUMENTS

- Read/understand Ohio Learning Standards
- Write lesson plans
- Document child development and behavior



GRAPHIC LITERACY

- Create graphic learning lessons
- Read/use product labeling
- Interpret graphic learning reports

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Work toward and earn Child Development Associate credential
- * Learn about social, emotional, physical and intellectual child development
- * Remain calm in high-stress situations
- * Use culturally-competent communication skills with children and families
- * Routinely self-reflect about teaching practice
- * Adapt quickly to changing situations

- * Interact with children in a compassionate and empathetic manner
- * Work in a fast-paced environment that requires attention to detail
- * Create and maintain a safe place for students to learn



COURSES



**YEAR
1**

- Health Safety and Nutrition
- Curriculum and Instruction for Early Childhood Education



**YEAR
2**

- Early Childhood Education Principles
- Early Childhood Education Observation and Assessment



VIEW Great Oaks
Course Guide
greatoaks.com/course-guide

**Courses subject to change.*

Early Childhood Education

IS THIS YOU?



Find your work personality type with this free assessment at truity.com:



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Social | Artistic

Social personality types are “helpers;” they are friendly, outgoing, thoughtful, generous, empathetic and natural born helpers. They like to make a valuable impact on the lives of others. They are drawn to others with a desire to connect and seek close relationships. They value cooperation and cohesion. Helpers with a secondary personality type of “artistic” like to help people, but they also like a career with creativity.

Key strengths that lead to success in this career path

- ✓ Integrity
- ✓ Self-control
- ✓ Dependability
- ✓ Concern for others
- ✓ Adaptability/flexibility
- ✓ Cooperation

WORK-BASED LEARNING OPPORTUNITIES

- ▶ Job shadowing
- ▶ Job placement
- ▶ Field experience
- ▶ College visits
- ▶ Field trips to high quality learning programs
- ▶ Professional training

CAREER & COLLEGE READY

Career Credentials

- Child Development Associate credential
- Ohio Children's Trust Fund – Child Abuse Awareness and Prevention
- Ohio Department of Job and Family Services – Communicable Disease Prevention for Childcare Professionals
- AHA Basic Life Support
CPR/AED, EMT First Aid



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to

- ▶ Preschool assistant
- ▶ Childcare provider
- ▶ Preschool teacher
- ▶ Elementary teacher
- ▶ Social worker
- ▶ Child psychologist
- ▶ Intervention specialist
- ▶ Early childhood center director



VIEW Essential Skills Guides
greatoaks.com/essential-skills

Entry-level pay range in Ohio

\$10 - 23
per hour



Great Oaks alum Elaine Hall

Engineering Technologies & Robotics



Scarlet Oaks



MORE INFO
[greatoaks.com/
engineeringtech](http://greatoaks.com/engineeringtech)



Skills recommended to be successful in this career pathway:

ENGINEERING & SCIENCE TECHNOLOGY CAREER CLUSTER

ESSENTIAL SKILLS

- Oral communication
- Written communication
- Physical strength/mobility
- Safety awareness
- Visual acuity/depth perception
- Perceptual speed/clerical & auditory perception
- Reasoning skills/mechanical aptitude
- Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Use engineering-type formulas
- Read/understand mathematical symbols
- Use algebraic formulas (Ohm's Law)



WORKPLACE DOCUMENTS

- Use/understand technical manuals
- Read/use engineering terminology
- Work with troubleshooting guides



GRAPHIC LITERACY

- Read/use blueprints and schematics
- Follow wiring diagrams
- Use ladder logic to solve problems

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Regularly use troubleshooting and problem-solving skills
- * Work with others to dissect problems
- * Have a working knowledge of mathematical principles
- * Use various types of computer programs and design software
- * Have excellent listening skills
- * Understand logic and flows of work
- * Work with different types of programming software
- * Know engineering symbols used in design solutions
- * Follow a systematic process to solve problems
- * Have a broad set of skills used for troubleshooting



COURSES



- Engineering Design
- DC Electronic Circuits



- Engineering Principles
- Industrial Robotics



VIEW Great Oaks
Course Guide
[greatoaks.com/
course-guide](http://greatoaks.com/course-guide)

**Courses subject to change.*

Engineering Technologies & Robotics

IS THIS YOU?



Realistic | Investigative

Realistic personality types are “doers;” they like doing something, as opposed to talking or thinking about it. They like to solve problems in the real world. They are practical, independent, assertive, competitive, and interested in activities that require motor coordination, skill, and strength. Doers with a secondary personality type of “investigative” have the particular desire to solve problems based on research.

Key strengths that lead to success in this career path

- ✓ Attention to detail
- ✓ Analytical thinking
- ✓ Dependability
- ✓ Integrity
- ✓ Adaptability/flexibility
- ✓ Independence

Find your work personality type with this free assessment at truity.com:



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

WORK-BASED LEARNING OPPORTUNITIES

- ▶ Job shadowing
- ▶ Job placement
- ▶ Field trips
- ▶ School-based work projects

CAREER & COLLEGE READY

Career Credentials

- Pre-Apprenticeship Engineering/Manufacturing
- Certified Solid Works Associate
- Certified Solid Works Professional
- OSHA 10 – General Industry
- CPR/First Aid



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to

- ▶ CNC programmer
- ▶ Automation specialist
- ▶ Robotic technician
- ▶ Programmer
- ▶ Electrical engineer
- ▶ Mechanical engineer
- ▶ Project manager



VIEW Essential Skills Guides
greatoaks.com/essential-skills

Entry-level pay range in Ohio

\$16 - 42
per hour



Great Oaks alum William Kohlbrand

Equine Science & Management



Diamond Oaks
Laurel Oaks



MORE INFO
greateaks.com/equine



Skills recommended to be successful in this career pathway:

AGRICULTURE & ENVIRONMENTAL SYSTEMS CAREER CLUSTER

ESSENTIAL SKILLS

- Oral communication
- Written communication
- Physical strength/mobility
- Safety awareness
- Perceptual speed/clerical & auditory perception
- Reasoning skills/mechanical aptitude
- Visual acuity/depth perception
- Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Estimate costs of owning a horse
- Measure and weigh items/horses
- Use ratios for feed/medication



WORKPLACE DOCUMENTS

- Use birth certificate/registry information
- Use auction/sale documents
- Read/understand medical documents



GRAPHIC LITERACY

- Read anatomy charts
- Follow barn operations charts
- Interpret field turn-out graphs

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Understand all aspects associated with caring for horses
- * Practice husbandry skills (feed/water, groom and clean stalls)
- * Read animal behavior and adapt quickly to changing situations
- * Learn about the business of caring for horses
- * Maintain a safe and clean work environment
- * Work with and, at times, restrain animals
- * Understand the emotional connections that humans make with animals
- * Build a good reputation by connecting with industry professionals
- * Develop customer service skills
- * Learn riding skills by riding different horses
- * Frequently lift items over 50 pounds



COURSES



**YEAR
1**

- Equine Selection, Nutrition and Management
- Animal Health



**YEAR
2**

- Animal Science and Technology
- Business Management for Agriculture and Environmental Systems



VIEW Great Oaks
Course Guide
greateaks.com/course-guide

**Courses subject to change.*

Equine Science & Management

IS THIS YOU?



Find your work personality type with this free assessment at truity.com:



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Realistic

Realistic personality types are “doers;” they like doing something, as opposed to talking or thinking about it. They like to solve problems in the real world. They are practical, independent, assertive, competitive and interested in activities that require motor coordination, skill and strength.

Key strengths that lead to success in this career path

- | | |
|-----------------------|----------------|
| ✓ Dependability | ✓ Self-control |
| ✓ Integrity | ✓ Independent |
| ✓ Attention to detail | ✓ Cooperation |

WORK-BASED LEARNING OPPORTUNITIES

- | | | |
|------------------|--------------------------------------|--------------------------------------|
| ▶ Job shadowing | ▶ Field trips | ▶ Work with horse care professionals |
| ▶ Job placement | ▶ Caring for client horses at school | ▶ Foal horses for clients |
| ▶ Guest speakers | | |

CAREER & COLLEGE READY

Career Credentials

- Elanco (iCEV) Fundamentals of Animal Science Certification
- Elanco (iCEV) Veterinary Medical Applications Certification
- Industrial Forklift
- HOSTA Tractor Safety
- OSHA 10 - Agriculture
- CPR/First Aid



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to

- ▶▶ Barn hand/groom
- ▶▶ Farrier
- ▶▶ Trainer
- ▶▶ Therapeutic riding instructor
- ▶▶ Barn manager
- ▶▶ Blood stock agent
- ▶▶ Large animal veterinarian



VIEW Essential Skills Guides
greatoaks.com/essential-skills

Entry-level pay range in Ohio

\$10 - 24
per hour



Great Oaks alum
Ayden Goode

Exercise Science and Sports Medicine



Diamond Oaks
Laurel Oaks
Live Oaks
Scarlet Oaks



MORE INFO
[greatoaks.com/
exercisescience](http://greatoaks.com/exercisescience)



Skills recommended to be successful in this career pathway:

HEALTH SCIENCE CAREER CLUSTER

ESSENTIAL SKILLS

- | | |
|----------------------------|---|
| Oral communication | Visual acuity/depth perception |
| Written communication | Perceptual speed/clerical & auditory perception |
| Physical strength/mobility | Reasoning skills/mechanical aptitude |
| Safety awareness | Eye/hand/arm coordination/manual dexterity |

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Understand range of motion
- Calculate and convert measurements
- Measure calorie intake/use



WORKPLACE DOCUMENTS

- Complete patient SOAP notes
- Read/interpret patient files
- Use professional journals



GRAPHIC LITERACY

- Understand anatomy charts
- Read/interpret product labeling
- Follow visual exercise guides

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- | | |
|--|--|
| * Evaluate the physical condition of others | * Understand the importance of nutrition |
| * Remain calm in high-stress situations | * Teach and physically direct others about proper ways to move |
| * Engage in exercise, training and other physical activities | * Adapt quickly to changing environments |
| * Practice taping injuries, measure vitals | * Exhibit compassion toward others |
| * Use communication skills to determine patient condition | |
| * Maintain a physically fit and active lifestyle | |



COURSES



**YEAR
1**

- Fitness Evaluation & Assessment
- Nutrition & Wellness



**YEAR
2**

- Health Science and Technology
- Exercise and Athletic Training



VIEW Great Oaks
Course Guide
[greatoaks.com/
course-guide](http://greatoaks.com/course-guide)

**Courses subject to change.*

Exercise Science and Sports Medicine

IS THIS YOU?



Find your work personality type with this free assessment at truity.com:



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Social | Realistic

Social personality types are “helpers;” they are friendly, outgoing, thoughtful, generous, empathetic and natural born helpers. They like to make a valuable impact on the lives of others. They are drawn to others with a desire to connect and seek close relationships. They value cooperation and cohesion. Helpers with a secondary personality type of “realistic” like to do practical and hands-on work and will thrive in careers where they can use their hands to help people.

Key strengths that lead to success in this career path

- ✓ Dependability
- ✓ Integrity
- ✓ Cooperation
- ✓ Self-control
- ✓ Concern for others
- ✓ Attention to detail

WORK-BASED LEARNING OPPORTUNITIES

- ▶ Job shadowing
- ▶ Job placement
- ▶ Guest speakers
- ▶ Field trips
- ▶ Volunteer opportunities
- ▶ College visits

CAREER & COLLEGE READY

Career Credentials

- AMCA – Physical Therapy Technician Certification
- OSHA 10 – Healthcare
- CPR/First Aid
- American Council on Exercise Certified Personal Trainer



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to



- ▶▶ Personal trainer
- ▶▶ Physical therapist assistant
- ▶▶ Respiratory therapist
- ▶▶ Athletic trainer
- ▶▶ Occupational therapist assistant
- ▶▶ Chiropractor
- ▶▶ Medical massage therapist

Entry-level pay range in Ohio

\$22 - 39
per hour



VIEW Essential Skills Guides
greateaks.com/essential-skills



Great Oaks alum
Trenton Davis



Firefighting/Emergency Medical Service



Scarlet Oaks



MORE INFO
greateaks.com/fire



Skills recommended to be successful in this career pathway:

LAW & PUBLIC SAFETY CAREER CLUSTER

ESSENTIAL SKILLS



Oral communication



Written communication



Physical strength/mobility



Safety awareness



Reasoning skills/mechanical aptitude



Perceptual speed/clerical & auditory perception



Visual acuity/depth perception



Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Convert units of measure
- Estimate weights/distances/time
- Calculate medication rates



WORKPLACE DOCUMENTS

- Interpret medical information
- Use technical jargon
- Understand medical terminology



GRAPHIC LITERACY

- Read schematics/blueprints
- Interpret medical charts
- Use product labeling

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Work in confined/hot/smoky/low-visibility spaces
- * Provide emergency medical care for others
- * Remain calm in high-stress situations
- * Adapt quickly to changing environments
- * Recognize and document detailed information
- * Communicate clearly and quickly

- * Work with others as a team
- * Know about building and construction materials and methods
- * Maintain a physically fit and healthy lifestyle
- * Repeatedly lift items over 50 pounds, climb stairs/ladders and carry equipment



COURSES



YEAR
1

- Homeland Security – Protecting America's Critical Infrastructure
- Foundations of Firefighting and Emergency Medical Services
- Firefighter I



YEAR
2

- Firefighter II
- Emergency Medical Technician



VIEW Great Oaks Course Guide
greateaks.com/course-guide

**Courses subject to change.*

Firefighting/ Emergency Medical Service

IS THIS YOU?

Realistic | Social

Realistic personality types are “doers;” they like doing something as opposed to talking or thinking about it. They like to solve problems in the real world. They are practical, independent, assertive, competitive, and like activities that require hand-eye coordination, skill, and strength. Doers with a secondary personality type of “social” are likely to prefer practical tasks that help others.

Key strengths that lead to success in this career path

- ✓ Dependability
- ✓ Stress tolerance
- ✓ Self-control
- ✓ Adaptability/flexibility
- ✓ Attention to detail
- ✓ Cooperation

Find your work personality type with this free assessment at truity.com:



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.



WORK-BASED LEARNING OPPORTUNITIES

- ▶ Ride-along with a professional
- ▶ Mentoring
- ▶ Guest instructors from 32 agencies in SW Ohio
- ▶ Hospital & EMS based clinicals
- ▶ Network with regional firefighters/paramedics
- ▶ Learn real world scenarios at the Great Oaks firehouse

CAREER & COLLEGE READY

Career Credentials

- Emergency Medical Technician
- State of Ohio Professional Firefighter
- National Incident Management
- Hazardous Materials Awareness & Operations
- OSHA – 10-hour healthcare
- CPR/AED/First Aid



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to

- ▶▶ Fire safety inspector
- ▶▶ Paramedic
- ▶▶ Fire officer
- ▶▶ Fire investigator
- ▶▶ Rescue technician

GO HERE



VIEW Essential Skills Guides
greateaks.com/essential-skills

Starting salaries in this field

\$13 - 37
per hour



Great Oaks Alum
Sam Wyder

Health Technology



Diamond Oaks
Laurel Oaks
Live Oaks
Scarlet Oaks



MORE INFO
greatoaks.com/healthtech



Skills recommended to be successful in this career pathway:

HEALTH SCIENCE CAREER CLUSTER

ESSENTIAL SKILLS

- Oral communication
- Written communication
- Physical strength/mobility
- Safety awareness
- Visual acuity/depth perception
- Perceptual speed/clerical & auditory perception
- Reasoning skills/mechanical aptitude
- Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Record various types of measurements
- Understand normal/abnormal ranges
- Convert units of measure



WORKPLACE DOCUMENTS

- Read/understand information quickly
- Understand medical terminology
- Read/interpret patient charts



GRAPHIC LITERACY

- Understand chemical labels
- Read/interpret medical labels
- Follow product labeling guides

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Work hands-on, directly with patients
- * Provide care to people of all ages and backgrounds
- * Regularly interact with people
- * Use active listening skills with doctors, patients/families and coworkers
- * Remain calm in high-stress situations
- * Are reliable and show up ready to help others
- * Have a strong background/interest in science and anatomy
- * Work with others as a team and work alone
- * Have strong observational skills and a high attention to detail
- * Recognize and document medical information



COURSES



- Medical Terminology
- Health Science and Technology
- Patient Centered Care



- Patient Centered Care and Diagnostics
- Health and Science Capstone



VIEW Great Oaks
Course Guide
greatoaks.com/course-guide

**Courses subject to change.*

Health Technology

IS THIS YOU?



Find your work personality type with this free assessment at truity.com:



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Social | Conventional

Social personality types are “helpers;” they are friendly, outgoing, thoughtful, generous, empathetic and natural born helpers. They like to make a valuable impact on the lives of others. They are drawn to others with a desire to connect and seek close relationships. They value cooperation and cohesion. Helpers with a secondary personality type of “conventional” like to work in a reliable, accurate and organized manner.

Key strengths that lead to success in this career path

- ✓ Integrity
- ✓ Attention to detail
- ✓ Dependability
- ✓ Concern for others
- ✓ Adaptability/flexibility
- ✓ Cooperation

WORK-BASED LEARNING OPPORTUNITIES

- ▶ Job shadowing
- ▶ Guest speakers
- ▶ Clinicals
- ▶ Job placement
- ▶ Field trips

CAREER & COLLEGE READY

Career Credentials

- Ohio Department of Health – Ohio State Tested Nurse Aide
- NHA Certified Patient Care Technician
- NHA Certified Phlebotomy Technician
- NHA Certified Clinical Medical Assistant
- NHA Certified EKG Technician (CET)
- CPR/First Aid



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to



- ▶ Nurse assistant
- ▶ Patient care technician
- ▶ Medical assistant
- ▶ Phlebotomist
- ▶ Pharmacy assistant
- ▶ X-ray technician
- ▶ Home health aide
- ▶ Nurse practitioner



VIEW Essential Skills Guides
greatoaks.com/essential-skills

Entry-level pay range in Ohio

\$12 - 21
per hour



Great Oaks alum Christina Faris

Heavy Equipment Operations & Engineering



Laurel Oaks
Live Oaks



MORE INFO
[greatoaks.com/
heavyequipment](http://greatoaks.com/heavyequipment)



Skills recommended to be successful in this career pathway:

CONSTRUCTION TECHNOLOGIES CAREER CLUSTER

ESSENTIAL SKILLS



Oral communication



Visual acuity/depth perception



Written communication



Perceptual speed/clerical & auditory perception



Physical strength/mobility



Reasoning skills/mechanical aptitude



Safety awareness



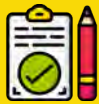
Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Use geometry for calculations
- Measure volume, slope and distance
- Use three-dimensional reasoning



WORKPLACE DOCUMENTS

- Read/write safety reports
- Understand estimates and bids
- Follow equipment maintenance schedules



GRAPHIC LITERACY

- Interpret blueprint drawings
- Use construction drawings
- Follow maintenance charts

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Use practical math to solve problems
- * Have knowledge of types of rocks and soil
- * Service and maintain various types of equipment
- * Maintain constant awareness of surroundings
- * Have a knowledge of building construction materials
- * Frequently lift items more than 50 pounds
- * Rely on hand/foot/eye coordination to operate equipment
- * Maintain a safe and organized work environment
- * Work in all types of weather



COURSES



**YEAR
1**

- Core and Sustainable Construction
- Heavy Equipment Operations



**YEAR
2**

- Construction Site Preparation
- Plan Reading
- Construction Capstone



VIEW Great Oaks
Course Guide
[greatoaks.com/
course-guide](http://greatoaks.com/course-guide)

**Courses subject to change.*

Heavy Equipment Operations & Engineering

IS THIS YOU?



Find your work personality type with this free assessment at truity.com:



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Realistic | Conventional

Realistic personality types are “doers;” they like doing something, as opposed to talking or thinking about it. They like to solve problems in the real world. They are practical, independent, assertive, competitive, and interested in activities that require motor coordination, skill, and strength. Doers with a secondary personality type of “conventional” like to work in organized, independent, and structured environments.

Key strengths that lead to success in this career path

- | | |
|----------------------------|-----------------------|
| ✓ Dependability | ✓ Attention to detail |
| ✓ Initiative | ✓ Cooperation |
| ✓ Adaptability/flexibility | ✓ Independence |

WORK-BASED LEARNING OPPORTUNITIES

- | | | |
|-----------------|------------------|-------------------------------|
| ▶ Job shadowing | ▶ Guest speakers | ▶ Off-site community projects |
| ▶ Job placement | ▶ Field trips | |

CAREER & COLLEGE READY

Career Credentials

- | | |
|--|-------------------------------------|
| • Ohio Commercial Driver's License | • Rough Terrain Forklift Operations |
| • NCCER Core | • OSHA 10 – Construction |
| • NCCER Heavy Equipment: Operations Levels 1, 2, 3 | • CPR/First Aid |



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to

- ▶ Apprentice
- ▶ Project estimator
- ▶ Site engineer
- ▶ Crane operator
- ▶ Truck driver
- ▶ Forklift operator
- ▶ Equipment salesperson
- ▶ Underground utility installer
- ▶ Landscaper



VIEW Essential Skills Guides
greatoaks.com/essential-skills

Entry-level pay range in Ohio

\$18 - 39
per hour



Great Oaks alum
Andrew Hall

Heating, Ventilating & Air Conditioning



Diamond Oaks
Laurel Oaks
Live Oaks



MORE INFO
greatoaks.com/hvac



Skills recommended to be successful in this career pathway:

CONSTRUCTION TECHNOLOGIES CAREER CLUSTER

ESSENTIAL SKILLS



Oral communication



Written communication



Physical strength/mobility



Safety awareness



Visual acuity/depth perception



Perceptual speed/clerical & auditory perception



Reasoning skills/mechanical aptitude



Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Use geometry for calculations
- Measure, use fractions and work with angles
- Know how to use formulas



WORKPLACE DOCUMENTS

- Explain job quotes/estimates
- Read equipment manuals
- Follow safety permits/checklists



GRAPHIC LITERACY

- Interpret blueprint drawings
- Use pressure/temperature/super heat charts
- Follow safety data sheets

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Use practical math to solve problems on job
- * Work with various types of construction equipment and tools
- * Understand hazards of working around various types of equipment
- * Work in all types of weather
- * Maintain constant awareness of surroundings
- * Be knowledgeable about electrical theory
- * Frequently lift items over 50 pounds
- * Work alongside skilled trades people
- * Maintain a safe and organized work environment
- * Communicate and explain information to customers



COURSES



- Core and Sustainable Construction
- Mechanical, Electrical and Plumbing Systems



- Heating Ventilating and Air Conditioning Refrigeration
- Heating and Cooling Systems



VIEW Great Oaks
Course Guide
greatoaks.com/course-guide

**Courses subject to change.*

Heating, Ventilating & Air Conditioning

IS THIS YOU?



Find your work personality type with this free assessment at truity.com:



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Realistic | Conventional

Realistic personality types are “doers;” they like doing something, as opposed to talking or thinking about it. They like to solve problems in the real world. They are practical, independent, assertive, competitive, and interested in activities that require motor coordination, skill, and strength. Doers with a secondary personality type of “conventional” like to work in organized, independent, and structured environments.

Key strengths that lead to success in this career path

- ✓ Attention to detail
- ✓ Analytical thinking
- ✓ Dependability
- ✓ Initiative
- ✓ Persistence
- ✓ Integrity

WORK-BASED LEARNING OPPORTUNITIES

- ▶ Job shadowing
- ▶ Job placement
- ▶ Guest speakers
- ▶ Field trips
- ▶ Professionals come to lab for training

CAREER & COLLEGE READY

Career Credentials

- OSHA 10 – Construction
- NCCER Core
- EPA 608 Type I
- EPA 608 Type II
- EPA 608 Type III
- EPA 608 Universal
- Manlift Operation
- CPR/First Aid



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to



- ▶▶ Apprentice
- ▶▶ HVAC technician
- ▶▶ Supply house
- ▶▶ Field supervisor
- ▶▶ Designer/drafter
- ▶▶ Foreman
- ▶▶ Salesperson
- ▶▶ Engineer



VIEW Essential Skills Guides
greatoaks.com/essential-skills

Entry-level pay range in Ohio

\$15 - 34
per hour



Great Oaks alum
Chase Courtney

Industrial Diesel Mechanics



Laurel Oaks
Scarlet Oaks



MORE INFO
[greatoaks.com/
diesel](http://greatoaks.com/diesel)



Skills recommended to be successful in this career pathway:

TRANSPORTATION SYSTEMS CAREER CLUSTER

ESSENTIAL SKILLS

- | | |
|---|---|
|  Oral communication |  Visual acuity/depth perception |
|  Written communication |  Perceptual speed/clerical & auditory perception |
|  Physical strength/mobility |  Reasoning skills/mechanical aptitude |
|  Safety awareness |  Eye/hand/arm coordination/manual dexterity |

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Measure to the 1/1000 of inch
- Convert metric/standard
- Measure torque, pressure and angles



WORKPLACE DOCUMENTS

- Read/interpret technical manuals
- Understand estimates and bills
- Use DOT inspection guidelines



GRAPHIC LITERACY

- Interpret product labeling
- Understand technical diagrams
- Use flow charts

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- | | |
|--|--|
| * Work in confined spaces at times | * Must be aware of surroundings and maintain a safe work area |
| * Sometimes lift items up to 75 pounds | * Use various types of tools including precision tools |
| * Troubleshoot and develop solutions to problems | * Work with grease, engine fluids and other mechanical chemicals |
| * Are physically active and move around while working on equipment | |
| * Learn transferable skills that can be used in other areas | |



COURSES



**YEAR
1**

- Truck Diesel Engines
- Truck Braking Suspension and Steering



**YEAR
2**

- Ground Transportation Electrical/Electronics
- Ground Transportation



VIEW Great Oaks
Course Guide
[greatoaks.com/
course-guide](http://greatoaks.com/course-guide)

**Courses subject to change.*

Industrial Diesel Mechanics

IS THIS YOU?



Find your work personality type with this free assessment at truity.com:



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Realistic | Conventional

Realistic personality types are “doers;” they like doing something, as opposed to talking or thinking about it. They like to solve problems in the real world. They are practical, independent, assertive, competitive, and interested in activities that require motor coordination, skill, and strength. Doers with a secondary personality type of “conventional” like to work in organized, independent and structured environments.

Key strengths that lead to success in this career path

- ✓ Adaptability/flexibility
- ✓ Attention to detail
- ✓ Dependability
- ✓ Stress tolerance
- ✓ Analytical thinking
- ✓ Integrity

WORK-BASED LEARNING OPPORTUNITIES

- ▶ Job shadowing at dealerships and independent shops
- ▶ Job placement
- ▶ Field trips
- ▶ Customer work in lab
- ▶ Internship programs
- ▶ Collaboration with other labs
- ▶ Work with outside professionals

CAREER & COLLEGE READY

Career Credentials

- ASE Student Certifications: Medium Heavy Truck Brakes, Medium Heavy Truck Diesel Engines, Medium Heavy Truck Electrical/Electronic Systems, Steering and Suspension, Medium/Heavy Truck Inspection Maintenance and Minor Repair
- Industrial Forklift Operations
- OSHA 10 – General Industry
- CPR/First Aid



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to



- ▶ Mechanic
- ▶ Equipment salesperson
- ▶ Service writer/manager
- ▶ Transportation supervisor
- ▶ Industrial maintenance technician
- ▶ Alternative fuel vehicle technician



VIEW Essential Skills Guides
greatoaks.com/essential-skills

Entry-level pay range in Ohio

\$15 - 39
per hour



Great Oaks alum Ben Boone

IT Academy



Laurel Oaks



MORE INFO
greatoaks.com/ITAcademy



Skills recommended to be successful in this career pathway:

INFORMATION TECHNOLOGY CAREER CLUSTER

ESSENTIAL SKILLS



Oral communication



Written communication



Safety awareness



Perceptual speed/clerical & auditory perception



Visual acuity/depth perception



Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Follow mathematical logic
- Write equations
- Understand binary, hexadecimal and ASCII



WORKPLACE DOCUMENTS

- Able to learn programming language
- Read/understand technical information
- Document information clearly



GRAPHIC LITERACY

- Read/interpret pictorial guides
- Follow multi-step charts
- Use flowcharts

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Research and apply problem-solving techniques
- * Work toward earning industry credentials (CompTIA and Microsoft Office)
- * Troubleshoot hardware and software issues
- * Hands-on experience with computers and peripherals
- * Communicate and work with others
- * Learn about principles of computer safety and security

- * Maintain a safe and organized work environment
- * Can earn placement opportunities at local IT businesses
- * Build and repair PCs
- * Use 3D printing technology
- * Design websites, write basic computing code and learn about visual programming



COURSES



- Computer Software
- Computer Hardware
- Web Design
- Visual Programming



- Networking
- Cybersecurity
- Information Technology Capstone
- OR -
- Programming (Python)
- Object-Oriented Programming (C#)
- Information Technology Capstone



VIEW Great Oaks
Course Guide
[greatoaks.com/
course-guide](http://greatoaks.com/course-guide)

**Courses subject to change.*

IT Academy

IS THIS YOU?



Find your work personality type with this free assessment at truity.com:



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Enterprising | Realistic

Enterprising personality types are “persuaders”; they are adventurous, energetic, confident, assertive and influential. They are good talkers, very persuasive, with natural ability to lead others so are often found socializing! They work best with people and data. Persuaders with a ‘realistic’ secondary personality type are likely to thrive in practical careers, where they can operate machinery and tackle work.

Key strengths that lead to success in this career path

- ✓ Dependability
- ✓ Initiative
- ✓ Adaptability/flexibility
- ✓ Leadership
- ✓ Stress tolerance
- ✓ Attention to detail

WORK-BASED LEARNING OPPORTUNITIES

- ▶ Job shadowing
- ▶ Job placement
- ▶ Guest speakers
- ▶ Field trips
- ▶ Mentoring
- ▶ Work at campus IT helpdesk

CAREER & COLLEGE READY

Career Credentials

- CompTIA IT Fundamentals+
- CompTIA A +Microsoft Office Specialist: Word 2019, Outlook 2019, PowerPoint 2019, Excel 2019
- CPR/First Aid



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to



- ▶▶ Helpdesk support technician
- ▶▶ Networking technician
- ▶▶ Program developer
- ▶▶ Wiring and cabling installer
- ▶▶ Mobile device repair technician
- ▶▶ Telecommunications
- ▶▶ Information security specialist
- ▶▶ Systems engineer



VIEW Essential Skills Guides
greatoaks.com/essential-skills

Entry-level pay range in Ohio

\$18 - 49
per hour



Great Oaks alum
Zach Detty

IT Academy



Live Oaks



MORE INFO
greatoaks.com/ITAcademy



Skills recommended to be successful in this career pathway:

INFORMATION TECHNOLOGY CAREER CLUSTER

ESSENTIAL SKILLS



Oral communication



Written communication



Safety awareness



Perceptual speed/clerical & auditory perception



Visual acuity/depth perception



Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Follow mathematical logic
- Write equations
- Understand types of data



WORKPLACE DOCUMENTS

- Able to learn programming language
- Read/understand technical information
- Document information clearly



GRAPHIC LITERACY

- Create/use Venn diagrams
- Follow multi-step charts
- Use flowcharts

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Read and understand technical manuals
- * Troubleshoot simple and complex problems
- * Learn to work through failures and fail forward
- * Communicate with others in person, email and by the phone
- * Work in various situations, including in small spaces and on ladders

- * Break things into small steps to solve problems
- * Work with multiple operating systems and various software programs
- * Complete college coursework in the program
- * Work as an individual and in teams to solve problems



COURSES



YEAR 1

- Information Technology
- Web Design
- Network Operating Systems
- Database Administration



YEAR 2

- Networking
- Object Oriented Programming



VIEW Great Oaks
Course Guide
greatoaks.com/course-guide

**Courses subject to change.*

IT Academy

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Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Enterprising | Realistic

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Key strengths that lead to success in this career path

- | | |
|----------------------------|-----------------------|
| ✓ Dependability | ✓ Leadership |
| ✓ Initiative | ✓ Stress tolerance |
| ✓ Adaptability/flexibility | ✓ Attention to detail |

WORK-BASED LEARNING OPPORTUNITIES

- | | | |
|-----------------|------------------|---------------|
| ▶ Job shadowing | ▶ Guest speakers | ▶ Internships |
| ▶ Job placement | ▶ Field trips | |

CAREER & COLLEGE READY

Career Credentials

- CompTIA IT Fundamentals +
- CompTIA A +
- Oracle Database Foundations Certified Junior Associate
- Microsoft Office Specialist:
Word 2019, Outlook 2019, PowerPoint 2019, Excel 2019
- CPR/First Aid



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to

- ▶▶ Computer support specialist
- ▶▶ Website developer
- ▶▶ Software developer
- ▶▶ Database administrator
- ▶▶ System analyst
- ▶▶ Network engineer
- ▶▶ Cybersecurity associate

GO HERE



VIEW Essential Skills Guides
greatoaks.com/essential-skills

Entry-level pay range in Ohio

\$18 - 49 per hour



Great Oaks alum
Chad Currey

Law Enforcement



Scarlet Oaks



MORE INFO
greatoaks.com/law



Skills recommended to be successful in this career pathway:

LAW & PUBLIC SAFETY CAREER CLUSTER

ESSENTIAL SKILLS

- Oral communication
- Written communication
- Physical strength/mobility
- Safety awareness
- Reasoning skills/mechanical aptitude
- Perceptual speed/clerical & auditory perception
- Visual acuity/depth perception
- Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Measure distance, length, time
- Understand trajectories and angles
- Maintain and track accurate inventories



WORKPLACE DOCUMENTS

- Interpret Ohio Revised Code laws
- Use NIBRS incident-based reporting
- Understand legal terminology



GRAPHIC LITERACY

- Diagram traffic crashes/crime scenes
- Read/use maps and blueprints
- Use product labeling

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Need to remain calm in high-stress situations
- * Recognize and document highly detailed information
- * Maintain a physically fit and healthy lifestyle
- * Learn to de-escalate tense situations
- * Read and use legal jargon found in the Ohio Revised Code
- * Work closely with others, including physical contact
- * Must be respectful and compassionate toward others in stressful situations
- * Practice real-world scenarios that can be stressful
- * Work with regional law enforcement professionals
- * Prepare and sit for Ohio Peace Officer Private Security Certification



COURSES



YEAR 1

- The American Criminal Justice System
- Investigations and Forensics in Criminal Investigations
- Police Work and Practice in Public Safety



YEAR 2

- The Correctional System and Services
- Security and Protective Services



VIEW Great Oaks Course Guide
greatoaks.com/course-guide

**Courses subject to change.*

greatoaks.com

Law Enforcement

IS THIS YOU?



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Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Realistic | Conventional

Realistic personality types are “doers;” they like doing something, as opposed to talking or thinking about it. They like to solve problems in the real world. They are practical, independent, assertive, competitive, and interested in activities that require motor coordination, skill, and strength. Doers with a secondary personality type of “conventional” like to work in organized, independent and structured environments.

Key strengths that lead to success in this career path

- ✓ Integrity
- ✓ Dependability
- ✓ Self-control
- ✓ Attention to detail
- ✓ Cooperation
- ✓ Adaptability/flexibility

WORK-BASED LEARNING OPPORTUNITIES

- ▶ Guest speakers
- ▶ Field trips
- ▶ Act as scenario players for the police academy
- ▶ Work with local police office departments
- ▶ Visit police communications center
- ▶ Field trip to FBI office
- ▶ Ride-along with police officers (must be 18)

CAREER & COLLEGE READY

Career Credentials

- OPOTA Private Security Certification
- National Incident Management Systems 100 & 700
- OSHA 10 – Healthcare
- CPR/First Aid
- FEMA – IS-906: Workplace Security Awareness
- FEMA – IS-907: Active Shooter: What You Can Do



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to

- ▶ Private security officer
- ▶ Lost prevention agent
- ▶ Police dispatcher
- ▶ Military police
- ▶ Corrections officer
- ▶ Police officer
- ▶ Detective

Entry-level pay range in Ohio

\$10 - 29
per hour



VIEW Essential Skills Guides
greateaks.com/essential-skills



Great Oaks alum
Mary Blust

Secondary Practical Nursing



Scarlet Oaks



MORE INFO
greatoaks.com/SPN



Skills recommended to be successful in this career pathway:

HEALTH SCIENCE CAREER CLUSTER

ESSENTIAL SKILLS

- Oral communication
- Written communication
- Physical strength/mobility
- Safety awareness
- Perceptual speed/clerical & auditory perception
- Visual acuity/depth perception
- Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Read/interpret various measurements
- Use algebraic equations
- Calculate medication dosages



WORKPLACE DOCUMENTS

- Understand/use medical terminology
- Read/understand medical information
- Use medical information to make decisions



GRAPHIC LITERACY

- Read/interpret medication records
- Use pictorial guides to follow instructions
- Understand/use drug labeling

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Use active listening skills with patients/families and healthcare teams
- * Maintain high moral/ethical standards
- * Dress, talk and act like a nurse
- * Care for people of all ages and backgrounds
- * Remain calm in high-stress situations
- * Have a strong background/interest in science, anatomy and math
- * Learn to prioritize care based on need
- * Use technology to maintain patient medical records
- * Provide positive interaction with people in all situations
- * Gather, interpret and act on medical information
- * Possess effective written and oral communication skills



COURSES



**YEAR
1**

- Health Science and Technology
- Medical Terminology
- Patient Centered Care



**YEAR
2**

- Patient Centered Care and Diagnostics
- Lifespan and Medical Interventions



VIEW Great Oaks
Course Guide
[greatoaks.com/
course-guide](http://greatoaks.com/course-guide)

**Courses subject to change.*

Secondary Practical Nursing

IS THIS YOU?



Social | Realistic

Social personality types are “helpers”; they are friendly, outgoing, thoughtful, generous, empathetic and natural born helpers. They like to make a valuable impact on the lives of others. They are drawn to others with a desire to connect and seek close relationships. They value cooperation and cohesion. Helpers with a secondary personality type of ‘realistic’ like to do practical and hands-on work and will thrive in careers where they can use their hands to help people.

Key strengths that lead to success in this career path

- ✓ Cooperation
- ✓ Concern for others
- ✓ Attention to detail
- ✓ Dependability
- ✓ Integrity
- ✓ Self-control

Find your work personality type with this free assessment at truity.com:



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

WORK-BASED LEARNING OPPORTUNITIES

- ▶ Guest speakers
- ▶ Field trips
- ▶ Clinicals
- ▶ Preceptor/mentor collaboration

CAREER & COLLEGE READY

Career Credentials

- Ohio Department of Health – Ohio State Tested Nurse Aide
- Ohio Board of Nursing – LPN License
- CPR



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to

- ▶ Nurse assistant
- ▶ Licensed practical nurse
- ▶ Registered nurse
- ▶ Advanced practice nurse
- ▶ Physician



VIEW Essential Skills Guides
greatoaks.com/essential-skills

Entry-level pay range in Ohio

\$17 - 29
per hour



Great Oaks alum
Alyssa Gibson

Project SEARCH









Cincinnati Children's Hospital
Medical Center
Fifth Third Bank
Xavier University



MORE INFO
[greatoaks.com/
projectsearch](http://greatoaks.com/projectsearch)

Skills recommended to be successful in this career pathway:

ESSENTIAL SKILLS

-  Oral communication
-  Reasoning skills/mechanical aptitude
-  Physical strength/mobility
-  Visual acuity/depth perception
-  Safety awareness
-  Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Perform numeric calculations
- Measure volume/weight/temperature
- Calculate elapsed time



WORKPLACE DOCUMENTS

- Send email communications
- Read/interpret information
- Complete employment documents



GRAPHIC LITERACY

- Read timesheet/paystub
- Follow bus schedule
- Read product labeling

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Have completed all academic requirements for graduation
- * Complete host business orientation and obtain an ID badge
- * Remain calm in stressful and new situations
- * Adapt quickly to changing environments
- * Communicate quickly and clearly with teammates
- * Independently navigate a business campus
- * Complete 600 hours in various non-paid internship roles
- * Reflect on learning from workplace experiences
- * Prepare employment documents
- * Use various business and school software



EMPLOYABILITY SKILLS COURSE



- Team building
- Workplace safety
- Technology
- Self-advocacy
- Maintaining employment
- Financial literacy
- Health and wellness
- Preparing for employment
- Social skills
- Communication



MORE about
Project SEARCH at
projectsearch.us

Project SEARCH



IS THIS YOU?



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Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Social | Realistic

Social personality types are “helpers;” they are friendly, outgoing, thoughtful, generous, empathetic and natural born helpers. They like to make a valuable impact on the lives of others. They are drawn to others with a desire to connect and seek close relationships. They value cooperation and cohesion. Helpers with a secondary personality type of “realistic” like to do practical and hands-on work and will thrive in careers where they can use their hands to help people.

Key strengths that lead to success in this career path

- ✓ Dependability
- ✓ Adaptability/flexibility
- ✓ Self-control
- ✓ Attention to detail
- ✓ Empathy
- ✓ Cooperation

WORK-BASED LEARNING OPPORTUNITIES

- ▶ Project SEARCH is a workforce development program for students with disabilities.
- ▶ Interns will spend the school day at a local host business.
- ▶ This one-year program is designed with a variety of internship experiences.
- ▶ Interns rotate through three, 10-week non-paid internship sites.
- ▶ Each experience helps build employability skills needed for the world of work.
- ▶ The goal of the program is competitive community employment.

TRANSITION PLANNING

Opportunities for Ohioans with Disabilities (OOD) Rehabilitation Counselor

- Meets with intern to create a plan for employment
- Participates in monthly employment planning meetings with all partners
- Supports interns in seeking competitive employment after completing the program
- Assists interns with making choices for employment services



Opportunities for Ohioans with Disabilities

CAREER PATHWAYS

After earning credentials, get more education and experience to



- ▶▶ Begin an entry-level job
- ▶▶ Work with an adult services agency
- ▶▶ Pursue further training



VIEW Essential Skills Guides
greatoaks.com/essential-skills



Great Oaks alum
Lucas Essert

Surgical Technology



Diamond Oaks
Scarlet Oaks



MORE INFO
[greatoaks.com/
surgicaltech](http://greatoaks.com/surgicaltech)



Skills recommended to be successful in this career pathway:

HEALTH SCIENCE CAREER CLUSTER

ESSENTIAL SKILLS



Oral communication



Written communication



Physical strength/mobility



Safety awareness



Visual acuity/depth perception



Perceptual speed/clerical & auditory perception



Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



MATHEMATICS

- Calculate concentrations
- Measure elapsed time
- Use metric system measurements



WORKPLACE DOCUMENTS

- Read/understand safety data sheets
- Keep sterilization records
- Read/interpret instructions



GRAPHIC LITERACY

- Understand product labels/symbols
- Read/interpret decontamination charts
- Follow surgical procedural charts

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Work in one area for long periods of time
- * Follow strict disease prevention/transmission procedures
- * Understand patient privacy rights
- * Follow multi-step written and oral instructions
- * Learn how to fulfill multiple roles within departments
- * Work in a fast-paced environment

- * Routinely work with others in teams
- * Documents procedures and keep other records
- * Adapt to quickly changing environments
- * Read and interpret information quickly
- * Recognize and document medical information



COURSES



**YEAR
1**

- Medical Terminology
- Health Science and Technology
- Lifespan Development



**YEAR
2**

- Surgical Support
- Health and Science Capstone



VIEW Great Oaks
Course Guide
[greatoaks.com/
course-guide](http://greatoaks.com/course-guide)

**Courses subject to change.*

Surgical Technology

IS THIS YOU?



Find your work personality type with this free assessment at truity.com:



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Realistic | Social

Realistic personality types are “doers;” they like doing something, as opposed to talking or thinking about it. They like to solve problems in the real world. They are practical, independent, assertive, competitive and like activities that require hand-eye coordination, skill and strength. Doers with a secondary personality type of “social” are likely to prefer practical tasks that help others.

Key strengths that lead to success in this career path

- ✓ Attention to detail
- ✓ Dependability
- ✓ Self-control
- ✓ Integrity
- ✓ Stress tolerance
- ✓ Adaptability/flexibility

WORK-BASED LEARNING OPPORTUNITIES

- ▶ Job shadowing
- ▶ Guest speakers
- ▶ Field trips
- ▶ Volunteer opportunities
- ▶ Community medical service
- ▶ Blood drives
- ▶ College visits

CAREER & COLLEGE READY

Career Credentials

- Sterile Processing Distribution Technician Certification
- CPR/First Aid



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to



- ▶ Sterile processing technician
- ▶ Surgical or emergency room nurse
- ▶ Sterile processing distribution manager
- ▶ Surgical technician



VIEW Essential Skills Guides
greatoaks.com/essential-skills

Entry-level pay range in Ohio

\$17 - 31
per hour



Great Oaks alum Gabrielle Zahneis

Veterinary Assisting



Diamond Oaks
Live Oaks
Scarlet Oaks



MORE INFO
[greatoaks.com/
vetassisting](http://greatoaks.com/vetassisting)



Skills recommended to be successful in this career pathway:

AGRICULTURE & ENVIRONMENTAL SYSTEMS CAREER CLUSTER

ESSENTIAL SKILLS



Oral communication



Written communication



Physical strength/mobility



Safety awareness



Visual acuity/depth perception



Perceptual speed/clerical & auditory perception



Reasoning skills/mechanical aptitude



Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Estimating weight and time
- Calculate liquid dilution rates
- Using ratios for feed and medication



WORKPLACE DOCUMENTS

- Interpret medical information
- Understand medical terminology
- Read patient medical information



GRAPHIC LITERACY

- Interpret medical charts
- Use product labeling
- Follow record-keeping procedures

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Maintain digital patient medical records
- * Remain calm in high-stress situations
- * Work with and, at times, restrain animals
- * Read animal behavior and adapt quickly to changing situations
- * Work around different types of animals
- * Understand allergies associated with animals, bedding and feeds

- * Read and interpret safety data sheets
- * Frequently lift items over 50 pounds
- * Work with pet owners
- * Maintain a safe and clean work environment
- * Work at a fast pace responding to the needs of animals



COURSES



- Animal Anatomy and Physiology
- Animal Health



- Business Management for Agricultural and Environmental Systems
- Veterinary Science



VIEW Great Oaks
Course Guide
[greatoaks.com/
course-guide](http://greatoaks.com/course-guide)

**Courses subject to change.*

Veterinary Assisting

IS THIS YOU?



Find your work personality type with this free assessment at [truity.com](https://www.truity.com/):



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Realistic | Social

Realistic personality types are “doers;” they like doing something as opposed to talking or thinking about it. They like to solve problems in the real world. They are practical, independent, assertive, competitive and like activities that require hand-eye coordination, skill and strength. Doers with a secondary personality type of “social” are likely to prefer practical tasks that help others.

Key strengths that lead to success in this career path

- ✓ Dependability
- ✓ Integrity
- ✓ Attention to detail
- ✓ Self-control
- ✓ Cooperation
- ✓ Persistence

WORK-BASED LEARNING OPPORTUNITIES

- ▶ Placement
- ▶ Job shadowing
- ▶ Care for rescue animals
- ▶ Volunteer at animal care centers
- ▶ Guest speakers
- ▶ Field trips
- ▶ College visits

CAREER & COLLEGE READY

- Elanco (iCEV) Fundamentals of Animal Science Certification
- Elanco (iCEV) Veterinary Medical Applications Certification
- Industrial Forklift Operations
- OSHA 10 – Healthcare
- CPR/First Aid
- Animal Care Technologies Certificate
- Pet First Aid and Disaster Response Certification



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to

- ▶ Veterinary assistant
- ▶ Receptionist
- ▶ Pet store worker
- ▶ Kennel assistant
- ▶ Groomer
- ▶ Veterinary technician
- ▶ Lab technician



VIEW Essential Skills Guides
greatoaks.com/essential-skills

Starting salaries in this field

\$10 - 18
per hour



Great Oaks alum
Rebekah Rooks

Web Applications & Game Development



Diamond Oaks
Scarlet Oaks



MORE INFO
greateaks.com/webapps



Skills recommended to be successful in this career pathway:

INFORMATION TECHNOLOGY CAREER CLUSTER

ESSENTIAL SKILLS

- Oral communication
- Written communication
- Safety awareness
- Perceptual speed/clerical & auditory perception
- Visual acuity/depth perception
- Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Use logic-based math
- Understand basic mathematical operations
- Write and use programming equations



WORKPLACE DOCUMENTS

- Read/understand technical manuals
- Learn/understand programming code
- Communicate via detailed emails



GRAPHIC LITERACY

- Use flowcharts/graphic organizers
- Follow visual instructions
- Understand IT hierarchy graphics

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Solve complex programs
- * Write and revise code to solve problems
- * Are very detailed-oriented and are able to troubleshoot code issues
- * Have a wide range of career opportunities
- * Work with various operating systems
- * Learn how to write and run programs
- * Discuss and understand legal and ethical issues associated with technology
- * Use multiple business and program software programs
- * Plan, design and launch websites
- * Work in teams to complete projects and solve problems
- * Are highly organized and detail-oriented



COURSES



- Information Technology
- Web Design



- Object-Oriented Programming (C#)
- Database Administration



VIEW Great Oaks
Course Guide
greateaks.com/course-guide

**Courses subject to change.*

Web Applications & Game Development

IS THIS YOU?



Find your work personality type with this free assessment at truity.com:



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Conventional | Investigative

Conventional personality types are “organizers;” they like predictability, structure, rules and order. They focus on detail, work in an organized and methodical manner to get things done on time with high standards. Organizers with a secondary personality type of “investigative” like to research and solve problems.

Key strengths that lead to success in this career path

- ✓ Attention to detail
- ✓ Analytical thinking
- ✓ Persistence
- ✓ Dependability
- ✓ Adaptability
- ✓ Initiative

WORK-BASED LEARNING OPPORTUNITIES

- ▶ Job shadowing
- ▶ Job placement
- ▶ Guest speakers
- ▶ Field trips
- ▶ Collaborate with other labs
- ▶ Client website projects/management

CAREER & COLLEGE READY

Career Credentials

- CompTIA IT Fundamentals +
- Microsoft Office Specialist: Word 2019, Outlook 2019, PowerPoint 2019, Excel 2019
- CPR/First Aid



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to



- ▶ Website developer
- ▶ Database specialist
- ▶ Applications developer
- ▶ Programmer
- ▶ Game designer



VIEW Essential Skills Guides
greatoaks.com/essential-skills

Entry-level pay range in Ohio

\$18 - 52
per hour



Great Oaks alum Josh Burt

Welding



Diamond Oaks
Laurel Oaks
Live Oaks
Scarlet Oaks



MORE INFO
[greatoaks.com/
welding](https://greatoaks.com/welding)



Skills recommended to be successful in this career pathway:

MANUFACTURING CAREER CLUSTER

ESSENTIAL SKILLS

- Oral communication
- Written communication
- Safety awareness
- Physical strength/mobility
- Perceptual speed/clerical & auditory perception
- Reasoning skills/mechanical aptitude
- Visual acuity/depth perception
- Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



APPLIED MATHEMATICS

- Understand coordinate plane
- Use decimals and fractions
- Comprehend 2D/3D objects in space



WORKPLACE DOCUMENTS

- Read/use equipment manuals
- Follow safety guidelines
- Use software to find technical information



GRAPHIC LITERACY

- Read/interpret blueprints and schematics
- Recognize and use welding symbols
- Read/understand gauges

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Work with various types of metals
- * Have a high attention to detail and complete work to high standards
- * Follow strict safety guidelines and use PPEs
- * Meet American Welding Society welding standards
- * Work in hot environments with sparks
- * Use a variety of tools including metal cutters and presses
- * Work alone and in teams
- * Complete physically demanding projects
- * Meet high-quality production standards
- * Communicate with clients to understand their needs
- * Visualize in 3D to take something from a plan to reality



COURSES



- ◉ Welding Technologies
- ◉ Flux Cored Arc Welding



- ◉ Welding Fabrication
- ◉ Gas Tungsten Arc Welding



VIEW Great Oaks
Course Guide
[greatoaks.com/
course-guide](https://greatoaks.com/course-guide)

**Courses subject to change.*

Welding

IS THIS YOU?



Find your work personality type with this free assessment at truity.com:



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Realistic | Conventional

Realistic personality types are “doers;” they like doing something, as opposed to talking or thinking about it. They like to solve problems in the real world. They are practical, independent, assertive, competitive, and interested in activities that require motor coordination, skill, and strength. Doers with a secondary personality type of “conventional” like to work in organized, independent and structured environments.

Key strengths that lead to success in this career path

- ✓ Attention to detail
- ✓ Dependability
- ✓ Integrity
- ✓ Cooperation
- ✓ Independence
- ✓ Initiative

WORK-BASED LEARNING OPPORTUNITIES

- ▶ Job shadowing
- ▶ Job placement
- ▶ Field trips
- ▶ Guest speakers
- ▶ Community service projects
- ▶ Professional training in lab
- ▶ Customer projects in lab
- ▶ Mock interview with professionals

CAREER & COLLEGE READY

Career Credentials

- American Welding Society Certified Welder
- American Welding Society Pre-qualification
- Forklift Operator License
- OSHA 10 – Construction
- CPR/First Aid



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to



- ▶ Construction welder
- ▶ Pipeline construction welder
- ▶ Aerospace welder
- ▶ Custom/specialty welder
- ▶ Welding supplier
- ▶ Service technician
- ▶ Welding Inspector



VIEW Essential Skills Guides
greateaks.com/essential-skills

Entry-level pay range in Ohio

\$14 - 29
per hour



Great Oaks alum
Marcus Blanton