

Essential Skills

Health Path – Health Sciences

This path focuses on planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development. May advise patients on health maintenance and disease prevention or provide case management. Licensing or registration required.

Health Path – Health Sciences Programs at Great Oaks

Program	Location
Dental Assisting	Laurel, Scarlet
Exercise Science & Sports Medicine	Diamond, Laurel, Live, Scarlet
Health Academy	Scarlet
Health Technology	Diamond, Laurel, Live
Surgical Technology	Diamond, Scarlet

Frequently Used Pathway Skills/Abilities

Each career path has a specific set of skills/abilities that employees need for success in the industry. It is recommended that students have, are developing or can develop the skills/abilities listed below.

Sharpness of vision/hearing acuity	<ul style="list-style-type: none">• Distinguish details/differences visually• Differentiate various sounds• Perceive distance/depth of objects in space
Communication	<ul style="list-style-type: none">• Express/explain thoughts/ideas• Write/document/record information accurately• Listen/relay accurate information in written/verbal manner• Follow multi-step instructions in sequence• Read and interpret technical/medical information• Understand and reference diagrams/charts/anatomical information• Social communication (appropriate social media/workplace conversations)
Physical mobility/strength Eye-hand coordination/dexterity	<ul style="list-style-type: none">• Stoop/bend/walk/carry items safely• Use instruments/precision equipment• Work near others to perform medical/health procedures/therapies• Fine motor skills (suturing wounds/dispensing pills/taking blood)• Lift and carry heavy objects (up to 80 pounds)
Problem-solving/reasoning	<ul style="list-style-type: none">• Develop/follow sequenced activities accurately• Work independently with minimal supervision• Ability to use medical equipment and interpret associated data• Determine courses of action and treatment options• Make informed decisions quickly• Remain calm in stressful situations

Technology and Software

All career & technical education programs utilize various software and industry-specific equipment to prepare students for careers. Students will independently access and use various online resources, technology, and equipment.

Here is an overview of key online and computer technology used in this pathway:

Vendor	Software/Learning Management System
iCEV Health Science	HealthCenter21 online health/medical curriculum
National Healthcareer Association Certifications	Online credentialing preparation/testing platform
Microsoft Office	Word, PowerPoint, Excel and Outlook
Internet Browsing	Conduct career-related independent and group research

Industry Credentials/Certifications

Credentials/certifications demonstrate career-ready knowledge and skills. They are typically earned by successfully completing an exam or training program. Exams are developed by industry professionals, not high school educators, and are used to verify that students have the skills needed for work.

Students can earn industry credentials/certifications while at Great Oaks. Accommodations are available but are subject to vendor or State of Ohio approval. Typical accommodations for industry-related credentials/certifications include:

Extended time

Read-aloud/translation services

Post-secondary

Great Oaks offers college credit courses in both academic and career technical programs.

College Credit Plus (CCP)

- The CCP program provides Ohio high school students an opportunity to complete college courses and earn transcribed credit.

Career Technical Assurance Guides (CTAGs)

- CTAGs award college credit for career-technical coursework to students who complete an approved course and earn a qualifying score on the end of course exam.

Articulated Credit

- Some Great Oaks career-technical programs have agreements with colleges where students can earn credit toward a specific degree.

Additional Pathway Considerations

Some career pathways have additional standards students must meet to fully participate in Great Oaks programs. Programs in this pathway have some of the following recommendations and requirements to participate in clinical learning experiences and earn industry credentials/certifications.

Academic strengths

- Anatomy/biology/science
- Math (ratios/unit conversions/measurements of various types/elapsed time)
- Oral/written communication

Identification/background check

- Most sites require a state-issued photo ID
- Some sites require a Social Security card
- Some sites require a background check

Vaccination/drug screening

- Most sites require a physical
- Most sites require a current COVID and flu vaccine
- Most sites require a 2-step TB test
- Most sites require a drug screen (10-panel including marijuana)
- Some sites require a hepatitis B (HepB) vaccine
- Some sites require a measles/mump/rubella (MMR) and varicella vaccines

Ohio Department of Health (ODH)
State Tested Nurse Aid (STNA)

- Complete a 75-hour training program (59 hours lecture/16 hours clinical)
- Provide Social Security Card
- Provide State issued photo ID

Ohio Board of Nursing (OBN)
Licensed Practical Nursing (LPN)

- Successfully complete a 1-year training course at an approved school
- Complete CPR/AED training
- Complete background check (including fingerprint check)
- Provide Social Security Card
- Provide State issued photo ID

Phlebotomy

- Complete 30 successful venipuncture sticks on live individuals
- Complete 10 successful capillary finger sticks on live individuals

Electrocardiogram (EKG)

- Complete 10 successful EKG reading on live individuals