

Information Technology



Laurel Oaks
Scarlet Oaks



MORE INFO
greatoaks.com/IT



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/interpret/use technical information
- Document information clearly



GRAPHIC LITERACY

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

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Spend large amounts of time working at a computer
- * 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



COURSES



- Computer Hardware (LA)
- Computer Software (LA)
- Information Technology (SC)
- Web Design (SC)



- Networking (LA/SC)
- Networking Security (LA)
- Computer Hardware (SC)



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

**Courses subject to change.*

Information 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.

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

WORK-BASED LEARNING OPPORTUNITIES

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

COLLEGE & CAREER READY

Career Credentials

- CompTIA Tech+
- 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
- ▶▶ 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