

# IT Academy



Live Oaks



**MORE INFO**  
[greatoaks.com/ITAcademy](http://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](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](https://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
- ▶ Internships

## 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](https://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](https://greatoaks.com/essential-skills)

Entry-level pay range in Ohio

\$18 - 49 per hour



Great Oaks alum  
Chad Currey