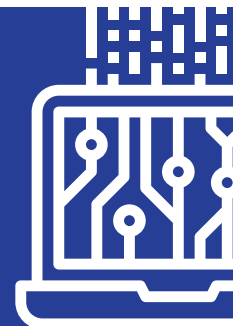# INFORMATION TECHNOLOGY

COLLEGE. CREDENTIAL. CAREER.

Information Technology is a Hot Job in Michigan

If you are often asked to fix the latest technology glitch on a friend or family member's computer or smartphone, then a career in information technology (IT) may be right for you. The more reliant our society becomes on IT, the more we will need people who can set up secure systems, understand how to fix them, and help people solve technological challenges. Being an IT wizard who can problem solve can lead to a variety of opportunities working in almost any industry.

To succeed in this field, you must be continually learning, adapting, and adopting the latest technological innovations. You need to be adept at thinking through the design and use of complex digital products, such as software applications and website interfaces. You can build on skillsets in this field to be a software designer, computer programmer, network engineer, and more. IT touches every aspect of our lives!

Cool Classes You Can Take

This field isn't just about sitting at a computer and programming all day. There is also a high amount of customer interaction and working in the field. For example, you may be training clients on how to create more secure email passwords or set up an onsite database.
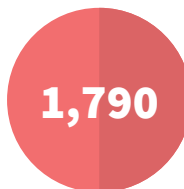
Fundamentals of Cybersecurity

Everything is hackable these days. Cybersecurity is a necessary skillset for life as well as your future information technology career. This course will help you better understand general security concepts, communication security, infrastructure security, basics of cryptography, and operational organizational security.
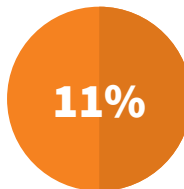
Database Administration

Your customers will have mountains of information they need to manage, which means you will need to understand how that data is administered and stored. This course provides significant hands-on and lab work using industry-standard database software, such as Oracle and MySQL server database management system, to learn the basics of database administration.

Financial Help

There are many federal grants, work-study funds, and low-interest loans available to help students cover the costs of tuition and fees, room and board, books and supplies, transportation, and other college-related expenses. The first step in securing necessary financial aid is to complete the Free Application for Federal Student Aid (FAFSA).
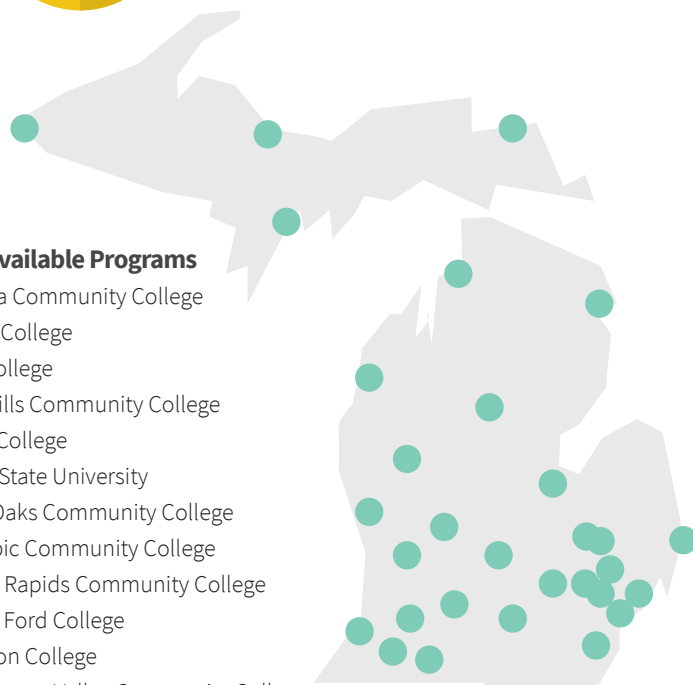
1,790 — **Projected job openings annually**

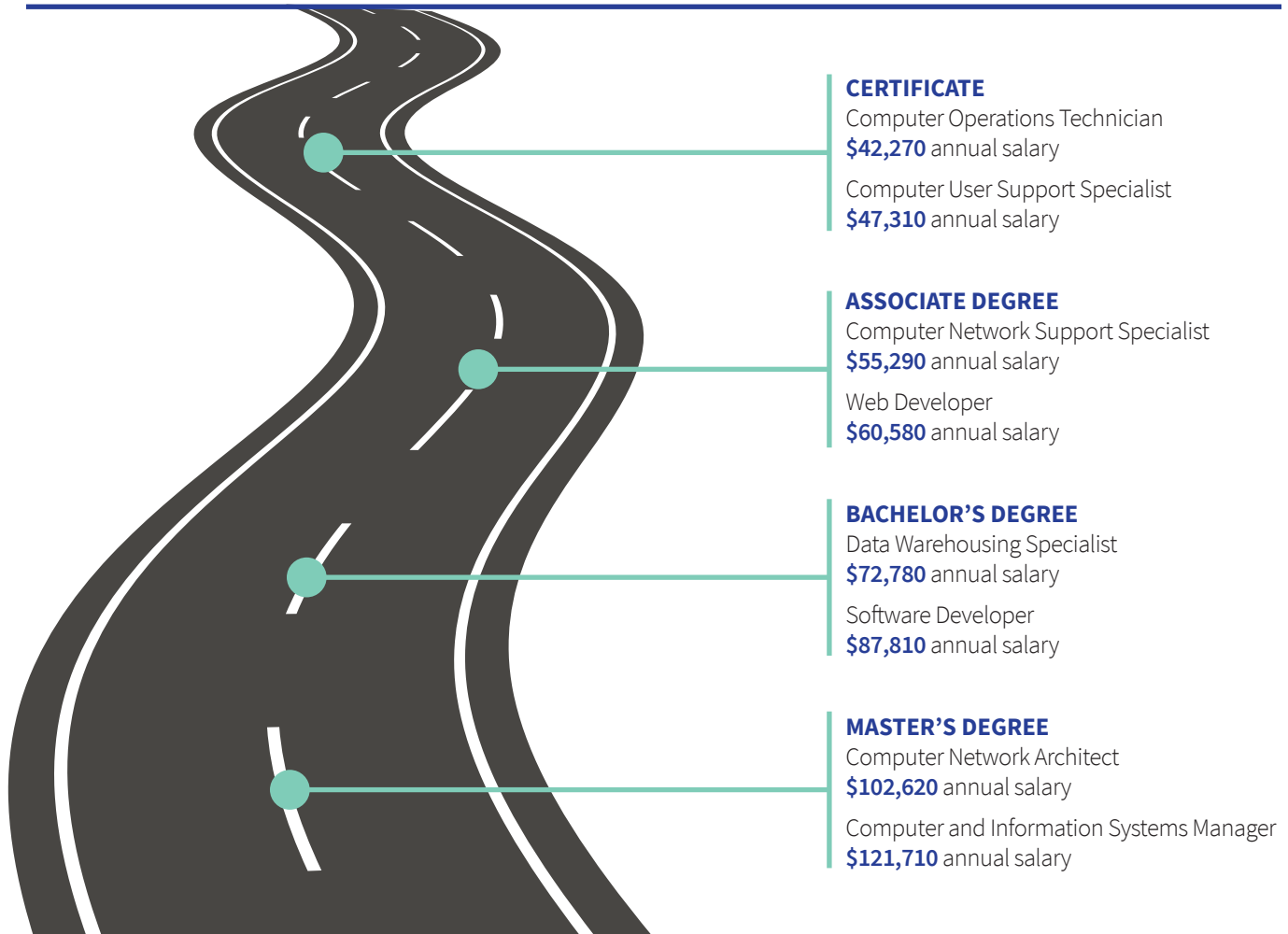**11%** — **Estimated job growth**

$17–$29 — **Hourly rates for IT professionals**

Some Available Programs

- Alpena Community College
- Baker College
- Bay College
- Bay Mills Community College
- Delta College
- Ferris State University
- Glen Oaks Community College
- Gogebic Community College
- Grand Rapids Community College
- Henry Ford College
- Jackson College
- Kalamazoo Valley Community College
- Kellogg Community College
- Lake Michigan College
- Lansing Community College
- Macomb Community College
- Mid-Michigan College
- Monroe County Community College
- Montcalm Community College
- Mott Community College
- Muskegon Community College
- North Central Michigan College
- Northwestern Michigan College
- Oakland Community College
- Schoolcraft College
- Southwestern Michigan College
- St. Clair County Community College
- Washtenaw Community College
- Wayne County Community College
- West Shore Community College

There are many different education and career paths in **INFORMATION TECHNOLOGY**. Here are a few you might follow after graduating from high school.

CERTIFICATE
Computer Operations Technician
$42,270 annual salary

Computer User Support Specialist
$47,310 annual salary

ASSOCIATE DEGREE
Computer Network Support Specialist
$55,290 annual salary

Web Developer
$60,580 annual salary

BACHELOR'S DEGREE
Data Warehousing Specialist
$72,780 annual salary

Software Developer
$87,810 annual salary

MASTER'S DEGREE
Computer Network Architect
$102,620 annual salary

Computer and Information Systems Manager
$121,710 annual salary

WHERE
College refers to an educational institution or establishment that provides education beyond high school and/or specialized professional training that is credit bearing.

WHAT
A **credential** verifies an individual's qualification or competence in a particular area and is usually issued by colleges in the form of certificates and academic degrees.

WHY
A **career** is a series of jobs that offers opportunities for advancement and provides a path to economic independence.

WHEN
Now! Don't wait to go to **college** to earn a **credential** that leads not only to your first job but also to a full and rewarding **career**!

//MCAN
MICHIGAN COLLEGE ACCESS NETWORK