



# Computer Science & Information Technology (IT)

## Computer Science

In today's electronic world, a background in computer science is a highly marketable asset. The Computer Science program provides a strong foundation in programming languages, databases, operating systems, networking, game programming, software engineering, mobile app development, and internet programming. Junior and senior students will choose from advanced electives, allowing them to customize their education for their desired career or graduate studies.



## Information Technology (IT)

The Information Technology program provides a strong foundation that goes beyond basic programming to include project implementation, computer architecture, database development, IT security and more. Within this program at Misericordia, you will study the technical aspects of IT to become a professional in the field, and gain important business writing and presentation skills. The IT degree along with a specialization in IT Security prepares you to manage and establish procedures, policies, and practices to protect information and data.

## What students are learning

Those who choose to major in computer science or information technology, also available with a specialization in security, have a wide array of fields they can study, including:

- Programming languages
- Computer architecture
- Operating systems
- Mobile app development
- Networking
- Game programming
- Software engineering
- Database systems

This and more is what waits for CS/IT/ITS majors at Misericordia University.

## Greetings,

Welcome to our initial newsletter about what is happening at MU in the academic areas of Computer Science, Information Technology, and Information Technology with a specialization in IT security. This first version of the newsletter gives you an overview of these three exciting majors here at Misericordia University. Future issues will highlight our very successful graduates and the faculty who teach here at Misericordia. I hope that you enjoy this first issue. Please contact me if there is a particular focus that you would like to see in future issues.

- Sr. Pat

## Greetings from the Program Director

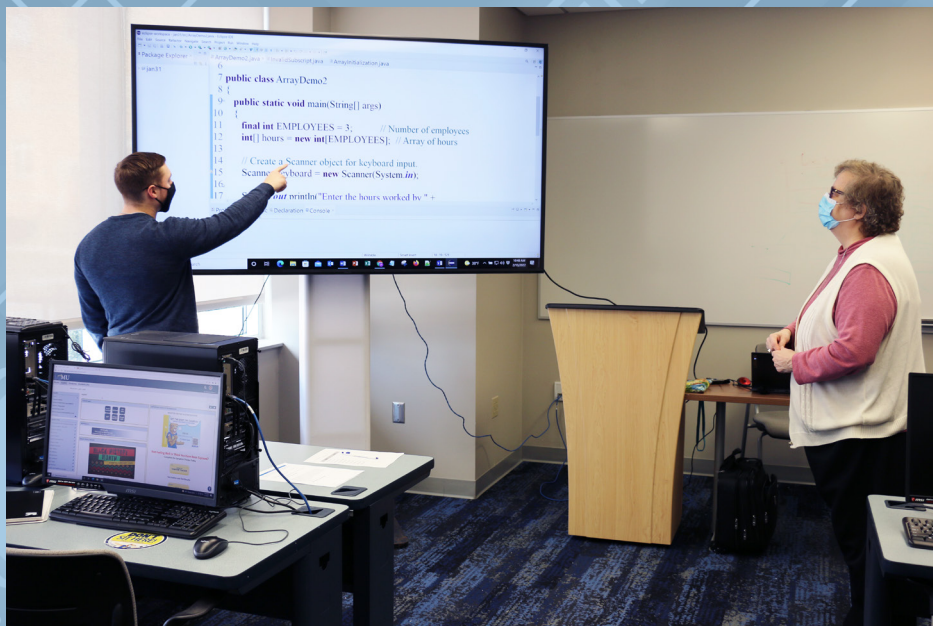


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## Welcome to the classroom

Misericordia University offers students advanced technological resources to help further develop students for academic success, as well as preparing them for their future careers or continued study in graduate school.



## Where your studies can take you

In the job market with a degree in computer science or information technologies, students have a vast selection of careers to choose from

- Software developer
- Database administrator
- Systems analyst
- Web developer
- Data scientist
- Scientific and industrial programming
- IT security analyst
- And so many more!

## Students from MU are now at:

- Geisinger
- ESPN
- US State Attorney's Office
- Wells Fargo
- Verizon
- IBM Corporation
- Nortel Government Solutions



Look for more "Updates from Sr. Pat" in future newsletters!