

# INFORMATICS



## WHAT IS INFORMATICS?

Informatics is the relation of data or information collected and science. Are you interested in exploring computer systems or using their organizational tools to design or analyzed information systems? The different branching opportunities include computer networking, telecommunications, cybersecurity, digital media production, journalism, health informatics, informatics assurance, and web development.

## RELATED CAREER TITLES

### COMPUTER NETWORKING & TELECOMMUNICATIONS

Health Informatics Network Engineer	Network Architect	Network Security Specialist/Consultant	Technical Services Manager
IT Director	Network Engineer	Network/Systems Administrator	Unix Administrator/Server Engineer
IT Operations Manager			

### CYBERSECURITY

AWS Cloud Architecture Consultant	Penetration Tester	Security Consultant	System Security Adviser
Cybersecurity Specialist			

### DIGITAL MEDIA PRODUCTION AND JOURNALISM

Content Stagiest	Media Sales and Management Representative	News Entrepreneur/Stringer	Radio Personality
Electronic Journalist	Media Spokesperson	New Media/Digital Media and Web Specialist	Sports Announcer
Government Spokesperson	Military Spokesperson	New York Times Reporter	Television Sports Director
Media Relations for a Fortune 500 Company	Multi-Media Journalist		

### HEALTH INFORMATICS

CSO/CTO	Health Informatics Security Specialist	Healthcare IT Specialist/Analyst/Manager	Information System Programmer/Manager
Health Informatics Consultant/Specialist	Healthcare IT Specialist/Analyst	Healthcare System Manager/Specialist/Architect	

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## INFORMATION ASSURANCE

Chief Information Officer	Network Administrator	Network Designer	Network Security Specialist/Consultant
Chief Information Security Officer	Network Architect	Network Engineer	Systems Administrator
Information Assurance Analyst			

## WEB DEVELOPMENT

Applications Developer	Full Stack Web Developer	Mobile Application Developer	Web Database Architect/Administrator
Front-End Developer	Game Developer	Web Content Manager	UX Designer/Researcher

## TRANSFERABLE SKILLS

Ability to prepare technical reports	Different learning strategies	Reading comprehension
Active learner	Giving advice on business or research	Research
Active listening skills	Investigating data to solve problems	Understanding of computer programs
Critical thinking	Math & science skills	Work independently and on a team
Design systems	Oral & Written communication skills	

Attainment and demonstration of [NACE Career Readiness Competencies](#) help prepare for a successful transition into the workplace.

## CONTACTS FOR INFORMATION INTERVIEWS

Department of Informatics – Hammond Hall 143 – 785.628.5373

## RELATED CAREER EXPLORATION LINKS

Careers in Informatics: <https://www.fhsu.edu/informatics/careers/index>

FHSU Career Services: [www.fhsu.edu/career/](http://www.fhsu.edu/career/)

Occupational Outlook Handbook: [www.bls.gov/ooh/](http://www.bls.gov/ooh/)

