COURSES

NATIONALLY RECOGNIZED PROGRAM

Walsh College was the first school in Michigan and one of the first schools in the nation to be certified as a Center of Academic Excellence in Cyber Defense (CAE-CD) by the NSA and Department of Homeland Security. Our IT degrees meet the expanding CAE-CD criteria to safeguard complicated cyber infrastructures – offering an invaluable edge for careers in the IT security field.

BUSINESS AND GENERAL EDUCATION COURSES

ACC 201	Principles of Accounting I
COM 210	Business Communications I
COM 300*	Communication Essentials
ECN 201**	Economics I
ENG 100**	English Composition
IT 201	Introduction to Networking
IT 202	Introduction to Databases
IT 203	Introduction to Programming
IT 204	Introduction to Security
MGT 201	Management I
MTH 300	Business Algebra
QM 202	Statistical Methods for Business

CORE COURSES

COM 405	Business Communication Strategies
IT 402	Systems Analysis and Design
IT 405	Networks & Operating Systems
IT 408	Database Design & Development (SQL)
IT 417	Fundamentals of Cybersecurity

ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING MAJOR COURSES

IT 445	Programming for Data Analysis
IT 456	Machine Learning
IT 544	Data Visualization & Predictive Modeling
IT 557	Computer Vision & Deep Learning
IT 558	Deep Learning Theory & Practical Applications
IT 559	Natural Language Processing
IT 490 or IT 499	Internship OR Collaborative Business Systems
QM 301	Business Analytics & Problem Solving
QM 505	Data Driven Decision Making
QM 525	Mathematics of AIML

Students may apply 15 credits of 500 level coursework to a Walsh College Master's degree.

WALSH COLLEGE