

# CERTIFICATE IN CYBER SECURITY MANAGEMENT

Certificate programs offer working professionals an opportunity to increase their knowledge and skills in the specific areas of information technology. A certificate representing proven academic performance is presented after the required coursework is completed with a GPA of 3.0/4.0. All 500-level courses may be later applied toward the Master of Information Technology and Management, Master of Cyber Forensics and Security, or Master of Science in Applied Cybersecurity and Digital Forensics for those who apply and are accepted to the degree program. Applicants should have a bachelor's degree from an accredited college or university; the degree need not be in an information technology or a computer-related field. Prerequisites may be required for some courses in certificates; these prerequisites will not be applied to the certificate.

This program is designed for students seeking knowledge that will prepare them for careers in the management of information security.

The prerequisite path for this certificate is completion of ITMO 540 *Introduction to Data Networks and the Internet* or equivalent coursework, training, or certification. Equivalent certification may be CompTIA Network+ or Cisco CCNA.

## Curriculum

Code	Title	Credit Hours
<b>Required Courses</b>		<b>(12)</b>
ITMS 548	Cyber Security Technologies	3
ITMS 578	Cyber Security Management	3
Select a minimum of two courses from the following:		6
ITMM 586	Information Technology Auditing	3
ITMS 543	Vulnerability Analysis and Control	3
ITMS 579	Topics in Information Security	1-6
ITMS 588	Incident Response, Disaster Recovery, and Business Continuity	3
<b>Total Credit Hours</b>		<b>12</b>