

# CERTIFICATE IN SYSTEM ADMINISTRATION

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 a career as a systems administrator.

## Curriculum

| Code  | Title   | Credit Hours |
|---|---|--------------|
| Select one of the following:                        |   | 6            |
| ITMO 556<br>& ITMO 553                              | Introduction to Open Source Software<br>and Open Source System Administration     | 6            |
| ITMO 550<br>& ITMO 533                              | Enterprise End-User System Administration<br>and Enterprise Server Administration | 6            |
| Select a minimum of two courses from the following: |   | 6            |
| ITMM 571  | Project Management for Information Technology Management                          | 3            |
| ITMO 544  | Cloud Computing Technologies  | 3            |
| ITMO 554  | Operating Systems Virtualization  | 3            |
| ITMS 558  | Operating Systems Security  | 3            |
| <b>Total Credit Hours</b>                           |   | <b>12</b>    |