

Server Administrator**Certificate****30 credits**

Learn the foundational skills necessary to support data networks. Troubleshoot and repair computer systems for end users. Design and implement a variety of network infrastructures. Design, install, configure and optimize server environments to provide high availability for data networks. Develop procedures and processes to manage server security and integrity for data centers. Plan logical network designs for multiple site topologies. Practice building networks with routing and switching equipment. Implement and control data communication with routing protocols and securities in LAN and WAN infrastructures. Learn how to work in group environments by managing and facilitating projects.

CERTIFICATE REQUIREMENTS**30 CREDITS**

Course ID	Course Name	Lec	Lab	Other	Credits
BIT 100	Introduction to Information Technology	44	22		5.0
BIT 102	Networking Fundamentals	44	22		5.0
BIT 130	Server Administration	44	22		5.0
BIT 140	Advanced Server Administration	44	22		5.0
BIT 220	Elements of Project Management	55			5.0
BIT 197, or BIT 297	BIT Work-Based Learning I, or BIT Work-Based Learning II			Varies	5.0