ITS - Information Technology Systems

ITS 110  Introduction to Networking and Cabling: 3 Credits (2 Lec, 1 Lab)
Provides student current and emerging network technology information and hands-on exposure to networking skills, that will empower them to enter employment or further education and training in the computer networking field.

ITS 142  CCNA 2: Discovery: 4 Credits (2 Lec, 2 Lab)
Students will learn basic design, configuration, and troubleshooting of routers and switches to resolve common issues in small to medium networks. Students learn how to configure a router and a switch for basic functionality.

ITS 163  Windows and Configuration: 4 Credits (2 Lec, 2 Lab)
Intensive introduction to multitasking operating systems and network operating systems. Operating system upgrades/configuration, installation procedures, security issues, backup procedures, remote access, command line, and graphical user interfaces. Second of a two-course sequence covering the A+ certification objectives.

ITS 164  Networking Fundamentals: 3 Credits (2 Lec, 1 Lab)
This course is an introduction to networking fundamentals with both lecture and hands-on activities. Topics include the OSI model and industry standards, network topologies, IP addressing (including subnet masks), and basic network design. Concepts are reinforced with lab activities using equipment in live and simulated environments.

ITS 170  Microsoft Windows Serve: 4 Credits (2 Lec, 2 Lab)
This course gives you in-depth coverage of the 70-410 certification exam objectives and focuses on the skills you need to install and configure Windows Server 2012/R2. After you finish this course, you’ll have an in-depth knowledge of Windows Server 2012/R2, including installation, local and remote management, file and storage services, Active Directory, group policies, TCP/IP, networking services, and Hyper-V virtualization. Both the original release of Windows Server 2012 and the R2 release are covered.

ITS 191  Special Topics: Salesforce Operations: 3 Credits (3 Lec)
PREREQUISITES: ITS 100 Salesforce Fundamentals
ITS 200 Salesforce Operations is the second of two Salesforce courses offered by Gallatin College. This course provides students skills to communicate the technical capabilities within the Salesforce platform. After students explore the seven course objectives, they will select two technologies to gain an in-depth study. The course curriculum incorporates hands-on introduction and training to the Salesforce platform, including configuration, reporting, and use. Students who enroll in this course will learn the fundamentals of the Salesforce platform, data-driven optimization and solutions, effective reporting, and more.

ITS 218  Network Security: 3 Credits (1 Lec, 2 Lab)

ITS 224  Introduction to Linux: 4 Credits (2 Lec, 2 Lab)
This course is intended for students who want to learn about the Linux operating system and prepare to pass the Linux+ certification exam from CompTIA (Powered by LPI). It does not assume any prior knowledge of Linux and is geared toward those interested in systems administration as well as those who will use or develop programs for Linux systems. The course provides comprehensive coverage of topics related to Linux certification, including Linux distributions, installation, administration, X-Windows, networking, and security.