

Information Technology Systems

Associate in Applied Science-Transfer Degree (AAS-T)
90-100 Credits

This degree program prepares students for transfer to a university to complete a bachelor's degree in an IT related field. In addition, the degree program prepares students for entry-level employment in a variety of IT positions, such as PC repair technician, help-desk technician, technical support specialist, network technician, and network or computer systems administrator.

Students in this degree program receive foundational training in a broad range of networking and computer systems administration subjects resulting in a balanced, well-rounded knowledge of information technology. Students complete three courses on key networking topics: Introduction to Networking, Managing Cisco Routers and Switches, and Implementing Firewalls. In addition to these specialized courses, students learn key interpersonal communication skills sought by employers and complete a minimum of 120 hours of information technology-related work experience.

Help-desk technicians troubleshoot hardware, software, and operating system problems end users report (usually via telephone.) Technical support specialists install, configure, update, troubleshoot, and repair computer hardware, software, operating systems, and peripheral devices. Network technicians and administrators install, support, and maintain an organization's network infrastructure. Students learn to troubleshoot problems and monitor the network to ensure the system meets performance and availability standards. System administrators install, support, and maintain an organization's network servers and directory services infrastructure.

Contact: Alan Carter, ext. 4630
acarter@greenriver.edu

Gus Gomez, ext. 4309
ggomez@greenriver.edu

Dept./No.	Course Title	Credits
General Education Requirements		
Bus& 101	Introduction to Business	5
Cmst& 210 or	Interpersonal Communication or	
Cmst& 220 or	Public Speaking or	
Cmst& 230	Small Group Communication	5
Engl& 101	English Composition I	5
Engl 128	Research Writing: Science/Engineering/Business	5
Math 256	Statistics for Business and Social Science	5
Phil& 101	Introduction to Philosophy	5
Psyc& 100 or	General Psychology or	
Soc& 101	Introduction to Sociology	5

NOTE: Students who wish to transfer should meet with an academic advisor to ensure they take the appropriate classes to meet the transfer requirements for the university they intend to transfer.

Core Requirements

* Keyboarding	30 wpm (5 minute-typing test administered by Business Education department)	
IT 102	Programming I for Information Professionals	5
IT 110 or	PC Support Technician 1 or	

IT 115 or	CompTIA A+ Certification	(0-5)	
	PC Support Technician 2 or		
	CompTIA A+ Certification	(0-5)	0-5
IT 121	Introduction to HTML		5
IT 130 or	Introduction to Networking or		
IT 131	Networking Infrastructure Fundamentals		5
IT 135	Introduction to Network Security		5
IT 140	Customer Service for IT Professionals		5
IT 160	Microsoft Windows (Current version)		
	Server Implementation		5
IT 190	Linux Administration		5
IT 201	Fundamental Database Design		5
IT 210	Managing Cisco Routers and Switches		5
IT 216	Implementing Firewalls		5
Practical Experience: Five credits from the following courses:			5
IT 171	IT Work Experience Seminar	(1)	
IT 175	Student Assistant	(0-2)	
IT 178	Help Desk Work Experience	(0-4)	
IT 181	Network Management Work Experience	(0-4)	
Electives:			0-5
Credits from any course numbered 100 or higher in the college catalog			

Note: Elective credits are only required if students submit a CompTIA A+ certification in place of IT 110 and/or IT 115.

* *Keyboarding/typing skills may be demonstrated by passing a 5-minute typing test at 30 wpm with 5 or less errors using the proper typing techniques administered by the Business Education department.*