



The Future starts NOW



NEW Course Offerings for 2017-2018!!

Register for these NEW Dual Enrollment courses when you choose next year's classes!
Earn High School AND College credit!! Get a jumpstart on preparing for a great future career!
(Course Tuition currently paid by the Workforce Development Grant)

Information Technology (IT) Professional

CIS 134 IT Fundamentals
CIS 268 Software Support
CIS 269 Hardware Support
CIS 161 Intro to Networking Communications
CIS 162 Advanced Networking Communications
CIS 260 Network Security
CIS 171 Linux I
CIS 172 Linux II

Medical Assisting

MAT101 Medical Terminology
MAT122 Basic Concepts & Relationships
MAT128 Medical Law and Ethics
MAT125 Medical Asst. Lab Procedures

Microcomputer Applications Specialist

CIS146 Microcomputer Applications
CIS113 Spreadsheet Software Applications
CIS117 Database Mgmt. Software Appl.
CIS147 Advanced Microcomputer Appl.
CIS249 Microcomputer Operating Systems

Emergency Medical Services

EMS105 Emergency Medical Care

**Prepare NOW for a
high-wage, high-demand
CAREER! \$\$\$ 😊 \$\$\$**

**Questions? For more information, visit EHS Rm. 127, or contact
Mrs. Brockman, Career Tech Counselor
abrockman@enterpriseschools.net (334) 347-2640 ext. 9802**

CIS 260 Network Security	This course exposes students to essential concepts of network security and IT risk management. Topics include design, protocols, and administrative principles of secure networks, identification and elimination of threats and vulnerabilities, compliance and operational security, access control and identity management, application, data, and host security, cryptography, and current and evolving issues in network security. Upon successful completion of this course, students demonstrate the knowledge and skills necessary to identify security issues, to mitigate and deter threats, to apply security controls, and to implement and maintain an organization's security policies. This course prepares students to sit for the CompTIA Security+ certification exam.	3	CompTIA: Security+
CIS 171 Linux I	This course presents fundamental applications in Linux. Included in this course are skills development for OS installation and setup, recompile techniques, system configuration settings, file/folder structures and types, run levels, basic network applications, and scripting. Additionally, the course presents security features from an administrative and user consideration.	3	CompTIA: Linux+
CIS 172 Linux II	This course is a continuation of CIS 171 and includes advanced features of Linux. Included in the course are web applications, integrated network configurations, file transfer, server administration, system controls, IP tables/firewall to secure Linux systems, and strategic user-group applications specific to administrative network control.	3	
	TOTAL CREDIT HOURS	24	

**IT Professional
Short-Term Certificate
Enterprise State Community College**

Course Number and Course Name	Description	Credit Hours	Certification
CIS 134 IT Fundamentals	This is an introductory level course that covers the fundamentals of software, hardware, security, and networking, as well as basic IT skills such as workstation set-up, operating system navigation, simple support services, backup, and safety. Upon completion of the course, students will understand the essential functions of IT professionals and be better positioned to make decisions about a career in information technology. This course prepares students to earn the CompTIA certification in IT Fundamentals.	3	CompTIA: IT Fundamentals
CIS 268 Software Support	This course provides students with hands-on practical experience in installing computer software, operating systems, and trouble-shooting. The class will help to prepare participants for the A+ Certification sponsored by CompTIA.	3	CompTIA: A+
CIS 269 Hardware Support	This course provides students with hands-on practical experience in installation and troubleshooting computer hardware. The class will help to prepare participants for the A+ Certification sponsored by CompTIA.	3	
CIS 161 Introduction to Networking Communications	This course is designed to introduce students to basic concepts of computer networks. Emphasis is placed on terminology and technology involved in implementing selected networked systems. The course covers various network models, topologies, communications protocols, transmission media, networking hardware and software, and network troubleshooting. Students gain hands-on experience in basic networking. This course helps prepare students for certification.	3	CompTIA: Network +
CIS 162 Advanced Networking Communications	This course exposes students to networking concepts in increased breadth and depth. Advanced topics in network architecture, operations, and configuration are covered, as well as management and troubleshooting of common wired and wireless network devices. Also included is an introduction to network security, current industry standards and best practices, and emerging technologies such as unified communications, mobile, cloud, and virtualization technologies. Upon successful completion of this course, students will demonstrate the essential knowledge and skills needed to confidently design, configure, manage and troubleshoot wired or wireless networks. This course, in combination with CIS 161, will prepare the student to sit for the CompTIA Network+ certification exam.	3	