

**Eastern WV Community & Technical College
Master Course Record**

Course Prefix and Number: CIS 122
Course Title: Introduction to Information Systems
Recommended Transcript Title (if over 40 characters)
Date Approved/Revised: 11/17/14; 3/30/20; 4/27/20
Credit Hours: 3 Contact hours per week (Based on 15 week term): 3 Lecture: 3 Lab:
Prerequisite: None Corequisite: None Pre/Corequisite: None
Grading Mode: Letter
Catalog Description: This introductory course covers the basic understanding of computer information systems. Fundamentals of hardware, software, data communications, networks, emerging technologies, electronic commerce, and career opportunities in IT industry are discussed. This course is required for all Information Technology students.
<ol style="list-style-type: none"> 1. Identify the components of a computer-based information system 2. Analyze computer security, privacy, and ethical issues 3. Evaluate emerging technologies 4. Define key components of Information Systems 5. Discuss architecture of the Internet and its protocols 6. Discuss Systems Development Life Cycle (SDLC) as pertains to different IT careers 7. Explain the value of technology as a competitive advantage to the organization 8. Explain the role of major players in the IT industry and discuss the job opportunities as well as the skills and education required in IT
Implementation Cycle: Fall
Role in College Curriculum: (Check all that apply) <input type="checkbox"/> General Education Core (Specify category) <input checked="" type="checkbox"/> Technical Core AAS IT and CAS IT <input checked="" type="checkbox"/> Restricted Elective CAS Computer Applications Specialist, AAS AST (General Option) CAS AST, AAS BUS, CAS BUS. <input type="checkbox"/> General Elective <input type="checkbox"/> Workforce Education <input type="checkbox"/> Other (Please specify)
Course Fee: None
Instructor's Qualifications: Master's degree with 18 graduate hours in Computer Information Systems or related field, or Bachelor's degree in computers with two years of industry experience.
Expanded Course Description: The course covers several topics providing students with information they may use to demonstrate an understanding of career paths and the courses offered at the college that relate to careers. It will highlight careers in business

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 Date Prepared/Revised: 02/07/20
 Date Course Approved by Curriculum Committee: 3/2/20; 4/13/20
 Date Course Approved by LOT: 4/27/20

management, business support and information technology careers with an emphasis on the technological skills required for success in these careers. Students will be empowered to use technology to create education and career path decisions. Students will be exposed to the importance of certifications in their education as a means to future success in the job market.

Prepared by: Seyed Mirkhani / Division Chair for Business, Computer and Information Technology 04/06/20

Name, Title Date

Approved Per LOT Minutes

Dean, Academic and Student Services Date