

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

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| Course Prefix and Number: CIS 154 |
| Course Title: Management Information Systems |
| Recommended Transcript Title: Management Information Systems |
| Date Approved/Revised: January 28, 2015 |
| Credit Hours: 3 Contact hours per week (Based on 15 week term): Lecture: 3 Lab: |
| Prerequisite: RDG 100 OR minimum acceptable test scores. Corequisite: Pre/Corequisite: |
| Grading Mode: Letter grade |
| Catalog Description: This introductory course covers the basic understanding of management information systems. Fundamentals of hardware, software, data communications, networks and electronic commerce are discussed. |
| Course Outcomes: <ol style="list-style-type: none"> 1. Identify the components of a computer-based information system 2. Analyze strategic use of IT, computer security, privacy, and ethical issues 3. Discuss IT infrastructure including hardware/software & networking 4. Apply development tools for information systems and address business needs for electronic commerce 5. Evaluate emerging technologies 6. Analyze management issues as they relate to information technology 7. Define key components of Management Information Systems 8. Discuss the principles and role of Open Source Software 9. Discuss architecture of the Internet and its protocols 10. Discuss Systems Development Life Cycle (SDLC) 11. Explain the value of technology as a competitive advantage to the organization 12. Explain the role of major players in the IT industry |
| Implementation Cycle: Fall |
| Role in College Curriculum: <input type="checkbox"/> General Education Core (Specify category) <input type="checkbox"/> Technical Core <input checked="" type="checkbox"/> Restricted Elective / CAS in BUS/ AAS in BUS <input checked="" 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 Business or IT |
| Expanded Course Description: This course covers computing and telecommunications |

of information systems from a business perspective

Prepared by: Seyed Mirkhani, Division Chair for Business, Computer and Information
Technology 1/05/15

Name, Title

Date

Approved By

Dean, Academic and Student Services

Date