

MESA COMMUNITY COLLEGE NETWORK ACADEMY
 Advisement checklist for AAS Degree in Information Assurance/3010

Name	Credits Required 62	Major: Information Assurance (3010) AAS
SSN	Advisor/Faculty Signature Date	Catalog Yr. 20046 For Maps:

MCC Associate in Applied Science Degree: Information Assurance Degree/3010

Program Prerequisites: Credits 3-31	CRS	GR	Semester Taken	Substitution Recommendation
CCL Network Administration Novell/5122 (26-28) or				
CCL Network Administration Unix-Solaris/5123(29-31) or				
CCL Network Administration Microsoft Windows 2000/5124 (28-31) or				
Departmental approval AND				
CRE101 - Critical and Evaluative Reading	3-31			
I. General Education: Credits: 22-24				
<i>CORE Credits:(12-14)</i>				
English	CRS	GR	Semester Taken	Substitution Recommendation
ENG101 - First Year Composition	3			
ENG111 - Technical Writing	3			
CRE101 - Critical and Evaluative Reading (met under prerequisites)				
Communication				
COM100 - Introduction to Human Communication or COM225 - Public Speaking or COM230 - Small Group Communication	3			
Mathematics				
MAT150 - College Algebra/Functions (5) or				
MAT151 - College Algebra/Functions (4) or				
MAT152 - College Algebra/Functions (3)	3-5			
II. General Education Distribution Area (10 Credits)				
Humanities and Fine Arts				
PHI214 - Business Ethics (3) or any approved General Studies courses in the Humanities and Fine Arts Area	3			
Social Behavioral Science				
ECN111 - Microeconomic Principles (3) or				
ECN112 - Macroeconomic Principles (3)	3			
Natural Science				
PHY101 - Introduction to Physics	4			
III. Core Courses (25 Credits)				
Required courses (26 credits)				
CIS247DA - Cyber Forensics and Incident Handling	3			
CIS271DA - Security Certified Professional (SCP)-Hardening the Infrastructure	3			
CIS272DA - Security Certified Professional (SCP)-Network Defense and Countermeasures	3			
CIS247DL - Legal Issues of Information Assurance	3			
CIS273DA - Information Audit and Risk Analysis	3			
CIS279DA- Practical Applications in Information Assurance	4			
CIS238US - UNIX Security or CIS271DL - Linux Security	3			
CIS273DC - Data Assurance and Disaster Recovery	3			
Restrictive Electives (select 15-16 credits)				
CNT185 - Cisco Network Security	4			
CNT186 - Fundamentals of Wireless LANs	4			
CNT230 - Cisco Network Troubleshooting (4) or MST259 - Designing Windows Network Security (3)	3-4			
CIS245 - Novell Netware Advanced System Administration	3			
CIS175CG - Designing a Secure Microsoft Windows 2000 Network	3			
CNT170 - Cisco Wide Area Networks (WAN) Technologies	3			
CIS238 - Advanced Unix Systems Administration	3			
CIS273DB - Digital Authentication and Public Key Infrastructure (PKI)	3			
CIS290AC - Computer Information Systems Internship (3) or				
CIS298AC - Special Projects (3)	3			

