

INFORMATION SYSTEMS SECURITY (A25270)
A.A.S. DEGREE (Evening)
Program Planning Guide

Date Revised: March 2008

Replaces curriculum schedule with revision date: July 2006

Curriculum By Semester				
<u>Course No.</u>	<u>Course Title</u>	<u>Hours Per Week</u>		<u>Credits</u>
		<u>Class</u>	<u>Lab</u>	
FIRST SEMESTER				
NOS 110	Operating Systems Concepts	2	3	3
NET 125	Networking Basics	1	4	3
NET 126	Routing Basics	1	4	3
SECOND SEMESTER				
NOS 130	Windows Single User	2	2	3
CIS 110	Introduction to Computers	2	2	3
DBA 110	Database Concepts	2	3	3
THIRD SEMESTER				
— —	Math Elective	3	0	3
NOS 120	Linux/UNIX Single User	2	2	3
SEC 110	Security Concepts	3	0	3
FOURTH SEMESTER				
CTS 115	Info Sys Business Concept	3	0	3
ENG 111	Expository Writing	3	0	3
NOS 230	Windows Admin I	2	2	3
FIFTH SEMESTER				
SEC 160	Secure Admin I	2	2	3
— —	Behavioral/Social Science Elective	3	0	3
NOS 120	Linux/UNIX Admin I	2	2	3
SIXTH SEMESTER				
SEC 150	Secure Communications	2	2	3
SEC 210	Intrusion Detection	2	2	3
SEC 220	Defense-in-Depth	2	2	3
SEVENTH SEMESTER				
— —	Major Elective I			3
CIS 115	Intro to Prog and Logic	2	3	3
SEC 289	Security Capstone Project	1	4	3
EIGHTH SEMESTER				
— —	Communication Elective	3	0	3
— —	Humanities/Fine Arts Elective	3	0	3
— —	Major Elective II			3
GRADUATION REQUIREMENT		72	Credit Hours	

GRADUATION REQUIREMENT

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Three Prior Revisions: March 2007 July 2006

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<u>Math Elective</u>				
MAT 145	Analytical Math	3	0	3
MAT 145A	Analytical Math Lab	0	2	1
MAT 121	Algebra/Trigonometry I	2	2	3
MAT 161	College Algebra	3	0	3
MAT 161A	College Algebra Lab	0	2	1
MAT 171	Precalculus Algebra	3	0	3
MAT 171A	Precalculus Algebra Lab	0	2	1
<u>Communications Elective</u>				
ENG 112	Argument - Based Research	3	0	3
ENG 113	Literature - Based Research	3	0	3
ENG 114	Prof Research & Reporting	3	0	3
COM 120	Intro Interpersonal Com	3	0	3
COM 231	Public Speaking	3	0	3
<u>Humanities/Fine Arts Elective</u>				
HUM 110	Technology and Society	3	0	3
HUM 115	Critical Thinking	3	0	3
HUM 160	Introduction to Film	2	2	3
HUM 230	Leadership Development	3	0	3
<u>Social/Behavioral Science Elective</u>				
PSY 118	Interpersonal Psychology	3	0	3
PSY 150	General Psychology	3	0	3
SOC 210	Introduction of Sociology	3	0	3
SOC 213	Sociology of the Family	3	0	3
SOC 220	Social Problems	3	0	3
ECO 151	Survey of Economics	3	0	3
ECO 251	Prin of Microeconomics	3	0	3
<u>Major Elective I</u>				
SEC 193	Selected Topics in Information Systems Security	0	0	3
SEC 198	Seminar in Information Systems Security	1	4	3
NET 175	Wireless Technology	2	2	3
NET 225	Routing and Switching I	1	4	3
NOS 220	Linux/UNIX Admin I	2	2	3
NOS 231	Windows Admin II	2	2	3
COE 113	Co-op Work Experience I	0	30	3
<u>Major Elective II</u>				
SEC 240	Wireless Security	2	2	3
SEC 293	Selected Topics in Information Systems Security	0	0	3
SEC 298	Seminar in Information Systems Security	1	4	3
NET 226	Routing and Switching II	1	4	3
NOS 221	Linux/UNIX Admin II	2	2	3
NOS 232	Windows Admin III	2	2	3
COE 123	Co-op Work Experience II	0	30	3

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