

# Course Outcome Guide (COG)

<b>Course:</b>	CIS 147 – Principles of Information Security	<b>Credits:</b>	3	<b>Instructor:</b>	Colette Schimetz
<b>Course Description:</b>	Provides information systems students with a thorough examination of the field of information security and prepares them to make decisions about securing information in a business or personal environment.				
Concepts and Issues	Process Skills	Assessment Tasks	Intended Outcomes		
			Course	General Education or Program	Institutional
Define information security Identify security issues Disaster recovery Legal aspects of information security	<ul style="list-style-type: none"> <li>List attacks that can be launched against networks and the steps necessary to secure networks</li> <li>Research <a href="#">job opportunities</a> from degree focus areas</li> <li>Plan and map Gradplan</li> <li>Discover security software and tools used in business</li> <li>Explore online portfolio software resources</li> <li>Learn department online portfolio requirements</li> </ul>	<ul style="list-style-type: none"> <li>*Participate in class discussions and activities demonstrating knowledge of subject matter.</li> <li>*Complete examinations demonstrating acceptable skill level of concept and process.</li> <li>*Complete textbook readings, questions and problems (both individually and collaboratively) demonstrating acceptable skill levels of concept and process.</li> <li>* Design, construct and test your final project.</li> </ul>	Apply an understanding of information security and be able to explain why it is important.  Use knowledge and identify the types of attacks common today and how to recover from an attack.  Use software and security technology tools in future required coursework  Develop an online portfolio of for business continuity and how disaster recovery planning benefits an organization.	1.Mathematics-including numeration literacy and the knowledge and use of statistical and logical processes. 2.Analytical-gathering, organizing, and evaluating information 3.Analogical-using former knowledge to help comprehend and explain new situations 4.Critical Thinking-the ability to identify ad define criteria, understand biases, and construct objective judgments. 5.Problem solving-the ability to analyze situations and synthesize solutions.	1. Students will demonstrate effective communication skills. 2. Students will use reasoning skills to analyze and solve problems.

