

Neumann University Program Assessment Plan

Program Name: Computer Information Systems (CIS)	Submitted by: James Waters
Division: Business School	3-Year Cycle Span: AY 23/24 – 25/26

Student Learning Outcome Upon successful completion of the CIS Program, the student will earn a BS degree and will:	LO 1 Understand and address an organization’s data, information, and technology requirements. Bloom: Analysis	LO 2 Identify and evaluate business and technology challenges and possible solutions and sourcing alternatives. Bloom: Evaluate	LO 3 Assess, diagram, and improve organizational processes. Bloom: Synthesize	LO 4 Exploit opportunities created by technology innovations. Bloom: Apply	LO 5 Demonstrate a thorough knowledge of the processes, system requirements, and risks of data infrastructures to secure data and manage and control information technology risks. Bloom: Comprehend
Core Learning Outcome(s):	Comprehension	Comprehension	Comprehension	Comprehension	Comprehension
Related IDEA Objective(s):	Gaining a basic understanding of the subject (e.g., factual knowledge, methods, principles, generalizations, theories) Learning to apply course material (to improve thinking, problem solving, and decisions) Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course Acquiring skills in working with others as a member of a team	Gaining a basic understanding of the subject (e.g., factual knowledge, methods, principles, generalizations, theories) Learning to apply course material (to improve thinking, problem solving, and decisions) Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course Acquiring skills in working with others as a member of a team Learning to analyze and critically evaluate ideas, arguments, and points of view	Gaining a basic understanding of the subject (e.g., factual knowledge, methods, principles, generalizations, theories) Learning to apply course material (to improve thinking, problem solving, and decisions) Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course Acquiring skills in working with others as a member of a team Learning to analyze and critically evaluate ideas, arguments, and points of view	Gaining a basic understanding of the subject (e.g., factual knowledge, methods, principles, generalizations, theories) Learning to apply course material (to improve thinking, problem solving, and decisions) Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course Learning to analyze and critically evaluate ideas, arguments, and points of view Learning appropriate methods for collecting, analyzing, and interpreting numerical information	Gaining a basic understanding of the subject (e.g., factual knowledge, methods, principles, generalizations, theories) Learning to apply course material (to improve thinking, problem solving, and decisions) Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course Learning to analyze and critically evaluate ideas, arguments, and points of view Learning appropriate methods for collecting, analyzing, and interpreting numerical information

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				<p>analyzing, and interpreting numerical information</p>	
<p>Course Mapping: Note each course within Major or Minor which relates to the LO. Each course should be assessed within the 3-Year Cycle.</p>	<p>Formative: CIS 230(Spring) Summative: CIS 340(Fall)</p>	<p>Formative: CIS 350(Spring) Summative: CIS 410(Fall)</p>	<p>Formative: CIS 350(Spring) Summative: CIS 410(Fall)</p>	<p>Formative: CIS 201(Spring) CIS 345(Fall) CIS 360(Spring) Summative: CIS 430(Spring)</p>	<p>Formative: CIS 220(Spring) Summative: CIS 360(Spring)</p>
<p>Academic Year for Assessment: State the specific AY during which each LO will be assessed.</p>	<p>AY 23/24</p>	<p>AY 23/24</p>	<p>AY 24/25</p>	<p>AY 24/25</p>	<p>AY 25/26</p>
<p>Formative Assessment</p>	<p>CIS 230 70% of students will score 80% or higher on the comprehensive final exam</p>	<p>CIS 350 70% of students will score 80% or higher on the comprehensive exam</p>	<p>CIS 350 Data Flow Diagram assignment: 70% of students will score 80% or higher on the content-relevant rubric</p>	<p>CIS 201 70% of students will score 80% or higher on the Terminal or most challenging Programming Assignment CIS 345 70% of students will score 80% or higher on the final project CIS 360 70% of students will score 80% or higher on the semester project</p>	<p>CIS 220 70% of students will score 80% or higher on the Information Security case study</p>

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Summative Assessment	CIS 340 Semester-Long Database project 70% of students will score 80% or higher on the content-relevant rubric.	CIS 410 IT Acquisition Case Study: 70% of students will score 80% or higher on the content-relevant rubric	CIS 410 Semester-Long Group Project Leveraging Information section. 70% of students will score 80% or higher on the group project	CIS 430 Selection of IT Project Portfolio Exercise: 70% of students will score 80% or higher on the content-relevant rubric	CIS 360 Final Exam – Data Security Section: 70% of students will score 80% or higher on the Data Security section on comprehensive exam																																																										
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Program Course List and Corresponding Assessments

Courses	CIS 201: Intro to Computer Programming	CIS 220: MGT Info. Systems	CIS 230: Enterprise Architecture	CIS 340: Data and Info. MGT	CIS 345: Web Development
Formative	LO4. Terminal Programming Assignment	LO5. Information Security Case Study	LO1. Final Exam		LO4. Final Project
Summative				L01. Semester Project	
Indirect					

Courses	CIS 350: Systems Analysis and Design	CIS 360: IT Infra-Structure	CIS 410: IS Strategy, Management and Acquisition	CIS 430: IS Project Management
Formative	LO2. Final Exam (Sources) LO3. Data Flow Diagram assignment	LO4. Semester Project		
Summative		LO5.Semester Project	L02. IT Acquisition Case Study(1) L03. Semester-Long Group Project Leveraging Information section	L04. Selection of IT Project Portfolio Exercise
Indirect				