

Neumann University Program Assessment Plan

Program Name: Computer Information Systems (CIS)		Submitted by: James Waters
Division: BIM		3-Year Cycle Span: AY 17/18 – 19/20

Student Learning Outcome Upon successful completion of the CIS Program, the student will earn a BS degree and will:	LO 1 Understand and address and organization’s information requirements. Bloom: Comprehend	LO 2 Identify and evaluation solution and sourcing alternatives. Bloom: Evaluate	LO 3 <i>Assess, diagram and</i> 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. Bloom: Comprehend
Core Learning Outcome(s):	Comprehension	Comprehension	Comprehension	Comprehension	Comprehension
Related IDEA Objective(s):	CIS 230 : 1, 3, 4 (E) CIS 340 : 1, 3, 4, 5(E)	CIS 350: 1, 3, 4 (E) CIS 410: 1, 3, 4, 5(E)	CIS 350: 1, 3, 4 (E) CIS 410: 1, 3, 4, 5(E)	CIS 201: 1, 3, 4 (E) & 9 (I) CIS 345 CIS 360: 1, 3, 4, 13 (E) CIS 430: 1, 3, 4 (E)	CIS 220: 1, 3, 4 (E) & 8, 9 (I) CIS 360: 1, 3, 4, 13 (E)
Course Mapping:	Formative: CIS 230 Summative: CIS 340	Formative: CIS 350 Summative: CIS 410	Formative: CIS 350 Summative: CIS 410	Formative: CIS 201, CIS 345, CIS 360 Summative: CIS 430	Formative: CIS 220 Summative: CIS 360
Academic Year for Assessment:	AY 17/18	AY 17/18	AY 18/19	AY 18/19	AY 19/20
Formative Assessment	CIS230 TBD 70% of students will score 80% or higher on the comprehensive final exam	CIS 350 70% of students will score 80% or higher on the “Sources of Software” section on comprehensive exam	CIS 350 Process Model for Improved Information System assignment: 70% of students will score 80% or higher on the content-relevant rubric	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 JavaScript project CIS 360 70% of students will score 80% or higher on the semester project	CIS 220 70% of students will score 80% or higher on the Information Security case study

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<p>Summative Assessment</p>	<p>CIS 340 Semester-Long Database project 70% of students will score 80% or higher on the content-relevant rubric</p>	<p>CIS 410 Final Project Sourcing section: 70% of students will score 80% or higher on the content-relevant rubric</p>	<p>CIS 410 Semester-Long Group Project Process Redesign Section 70% of students will score 80% or higher on the content-relevant rubric</p>	<p>CIS 430 Selection of IT Solutions Assignment: 70% of students will score 80% or higher on the content-relevant rubric</p>	<p>CIS 360 Final Exam – Data Security Section: 70% of students will score 80% or higher on the Data Security section on comprehensive exam.</p>
<p>Indirect Evidence:</p>	<p>In courses where objectives are noted as Essential or Important, at least 70% of students will rate themselves as 3 or higher.</p>	<p>In courses where objectives are noted as Essential or Important, at least 70% of students will rate themselves as 3 or higher.</p>	<p>In courses where objectives are noted as Essential or Important, at least 70% of students will rate themselves as 3 or higher.</p>	<p>In courses where objectives are noted as Essential or Important, at least 70% of students will rate themselves as 3 or higher,</p>	<p>In courses where objectives are noted as Essential or Important, at least 70% of students will rate themselves as 3 or higher.</p>

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CIS 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. JavaScript 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. Process Model	LO4. Semester Project		
Summative		LO5.Semester Project	L02. Group Project Sourcing section L03. Group Project	LO4. IT Solutions assignment
Indirect				