



Computer Information Systems

Graphic Design and Digital Communications • Hybrid E-Degree

Semester Course Outline • 2025 – 2026

18 Months (4 Semesters) • Revised: 3/3/25

Associate of Applied Science (A.A.S.) Degree • Credits Required for Graduation: 70

Fall Semester – 2025

Course Number	Course Title	Clock Hours	Credits
CIS 115	IT Essentials	84	3
CIS 140	Database Design and MySQL	45	3
CIS 141	Web Design and Maintenance	45	3
CIS 173	Elements and Principles of Design	84	3
CIS 175	Photography for Digital Communications	45	3
<ul style="list-style-type: none"> Selected Behavioral Science Course (Choose one) PSYC 100 – Psychology of Human Relations PSYC 101 – General Psychology * 		45	3
Total		348	18

Spring Semester – 2026

Course Number	Course Title	Clock Hours	Credits
CIS 239	Full Stack JavaScript for Designers	45	3
CIS 252	Video and Audio Production	45	3
CIS 253	Graphic Editing and Manipulation	45	3
CIS 275	PHP for Web Designers	84	3
<ul style="list-style-type: none"> Selected Communications Course (Choose one) COMM 101 – Communications and Career Strategies ENGL 101 – Composition * (CSS 100 – Career Search Strategies .5 credit) 		45	3
<ul style="list-style-type: none"> Selected Mathematics Course (Choose one) MATH 100 – Applied General Math MATH 101 – Intermediate Algebra MATH 114 – College Algebra * 		45	3
Total		309	18



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Fall Semester – 2026

Course Number	Course Title	Clock Hours	Credits
CIS 152	Graphic and Layout Design	84	3
CIS 169	Social Media Content Development Deployment	45	3
CIS 170	Web Development and Deployment	84	3
CIS 254	Animation and Motion Graphics	84	3
CMST 101	Foundations of Communication *	45	3
● Selected Social Science Course (Choose one) ECON 105 – Leadership in the Global Workplace ECON 201 – Principles of Microeconomics I * SOC 100 – Introduction to Sociology *		45	3
Total		387	18

Spring Semester – 2027

Course Number	Course Title	Clock Hours	Credits
CIS 241	Advanced Web Design and Maintenance	84	3
CIS 249	Layout Design and Print Processes	84	3
CIS 251	Motion Graphics and Compositing	84	3
CIS 290	System Analysis and Design	45	3
CIS 299	Internship	240	4
Total		537	16

- Students will select a course in each of the areas listed to meet general education requirements. Courses marked with an asterisk (*) can be transferred directly to the university system. Students should speak with an advisor before doing so.