

# Computer Information Systems

## Graphic Design and Digital Communications Option

### Semester Course Outline • 2024 – 2025

18 Months (4 Semesters) • Revised: 2/7/24

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



#### Fall Semester – 2024

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	84	3
CIS 173	Elements and Principles of Design	84	3
CIS 175	Photography for Digital Communications	84	3
<ul style="list-style-type: none"> <li>Selected Behavioral Science Course (Choose one)</li> <li>PSYC 100 – Psychology of Human Relations</li> <li>PSYC 101 – General Psychology *</li> </ul>		45	3
<b>Total</b>		426	18

#### Spring Semester – 2025

Course Number	Course Title	Clock Hours	Credits
CIS 239	Full Stack JavaScript for Designers	84	3
CIS 252	Video and Audio Production	84	3
CIS 253	Graphic Editing and Manipulation	84	3
CIS 275	PHP for Web Designers	84	3
<ul style="list-style-type: none"> <li>Selected Communications Course (Choose one)</li> <li>COMM 101 – Communications and Career Strategies</li> <li>ENGL 101 – Composition * (CSS 100 – Career Search Strategies .5 credit)</li> </ul>		45	3
<ul style="list-style-type: none"> <li>Selected Mathematics Course (Choose one)</li> <li>MATH 100 – Applied General Math</li> <li>MATH 101 – Intermediate Algebra</li> <li>MATH 114 – College Algebra *</li> </ul>		45	3
<b>Total</b>		426	18

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**Fall Semester – 2025**

Course Number	Course Title	Clock Hours	Credits
CIS 152	Graphic and Layout Design	84	3
CIS 169	Social Media Content Development and Deployment	84	3
CIS 170	Web Development and Deployment	84	3
CIS 254	Animation and Motion Graphics	84	3
CMST 101	Foundations of Communication *	45	3
<ul style="list-style-type: none"> <li>Selected Social Science Course (Choose one)</li> <li>ECON 105 – Leadership in the Global Workplace</li> <li>ECON 201 – Principles of Microeconomics I *</li> <li>SOC 100 – Introduction to Sociology *</li> </ul>		45	3
<b>Total</b>		<b>426</b>	<b>18</b>

**Spring Semester – 2026**

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	84	3
CIS 299	Internship	240	4
<b>Total</b>		<b>576</b>	<b>16</b>

- 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.