

Computer Information Systems

Graphic Design and Digital Communication Specialist • Hybrid E-Degree

Semester Course Outline • 2022 – 2023

18 Months (4 Semesters) • Revised: 4/4/22

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



Fall Semester – 2022

Course Number	Course Title	Clock Hours	Credits
CIS 132	Intro to Computer Programming	45	3
CIS 140	Database Design and SQL	45	3
CIS 141	Web Design and Maintenance	84	3
CIS 173	Principles of Design and Color	84	3
CIS 175	Photography for Digital Communications	84	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		387	18

Spring Semester – 2023

Course Number	Course Title	Clock Hours	Credits
CIS 115	IT Essentials	84	3
CIS 252	Video and Audio Production	84	3
CIS 253	Graphic Editing and Manipulation	84	3
CIS 276	Web Applications – PHP	84	3
<ul style="list-style-type: none"> Selected Communications Course (Choose one) CMST 101 – Fundamentals of Speech * (CSS 100 – Career Search Strategies .5 credit) 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		426	18

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Fall Semester – 2023

Course Number	Course Title	Clock Hours	Credits
CIS 152	Typography and Graphic Art	84	3
CIS 170	Web Development and Deployment	84	3
CIS 254	Video and Motion Graphics		
CIS 273	Web Applications – ASP	84	3
● Selected Communications Course (Choose one) CMST 101 – Fundamentals of Speech * (CSS 100 – Career Search Strategies .5 credit) COMM 101 – Communications and Career Strategies ENGL 101 – Composition * (CSS 100 – Career Search Strategies .5 credit)		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		426	18

Spring Semester – 2024

Course Number	Course Title	Clock Hours	Credits
CIS 241	Advanced Web Design	84	3
CIS 249	Layout and Design	84	3
CIS 251	Motion Graphics and Compositing	84	3
CIS 290	System Analysis and Design	84	3
CIS 299	Internship	240	4
Total		576	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.

Students who select to take transferable communications course CMST 101 or ENGL 101, must also register for CSS 100 – Career Search Strategies for .5 credit. This curriculum is required for all Lake Area Tech graduates and is included in the COMM 101 course but is separate from the university system.