

**Grand Rapids Community College - Aquinas College
Articulation Agreement**

COMPUTER INFORMATION SYSTEMS WEB DESIGN MINOR

As of Fall 2021

Minor Requirements: 28 semester hours. At least 12 semester hours must be taken at Aquinas. No more than 6 combined semester hours of Independent Study, Life Experience, and Field Experience may be applied toward the minor.

For a CIS minor to be declared in conjunction w/another major or minor, no more than 2 courses or a maximum of 8 semester hours may overlap. Only courses with a grade of C or better will count toward the minor

AQUINAS REQUIREMENTS

TRANSFER EQUIVALENTS

_____ CS 154 Database (CS 242)	1.0	<u>CIS 170 Access Database I</u>
_____ CS 158 Web Page Design	1.0	<u>CIS 149 Web Design I</u>
_____ CS 161 Image Editing	1.0	<u>CIS 152 Digital Imaging I/Photoshop</u>
_____ CS 170 Principles of Operating Systems	3.0	_____
_____ CS 180 Structure and Logic	4.0	<u>CIS 129 C# Programming 1</u>
_____ CS 182 Data Structures	4.0	<u>CIS 227 C++ Programming II</u>
_____ CS 220 Survey of Programming Languages	3.0	<u>CIS 217 Java Programming II</u>
_____ CS 242 Database Theory	3.0	_____
_____ CS 244 Web Programming with Database	4.0	_____
_____ CS 258 Advanced Web Page Design	1.0	<u>CIS 249 Web Design II</u>
_____ MS 151 Elementary Statistics (CS 182)	3.0	<u>BA 254 or MA 215 Statistics</u>