

GLOUCESTER COUNTY COLLEGE
WEB SITE DEVELOPMENT FOR E-COMMERCE
Associate in Applied Science (A.A.S.) – Career
Program Requirements

This associate degree major prepares graduates to qualify for the entry-level and/or advanced positions in the field of Web Site Development for E-commerce. Major requirements can be met in a two academic year period of full-time study. Graduates could be employed in positions with job titles such as Webmaster, Web designer, Web developer, Web editor, or related occupations. Students who have completed the program will be able to:

- Use the skills necessary for employment at the entry level or higher in positions such as Webmaster, Web designer, Web developer, Web editor, or related occupations
- Design, develop, customize and troubleshoot Web sites using sound Web design fundamentals, good design and coding practices
- Utilize the most up-to-date Web development tools such as Dreamweaver, Expression and Web graphic software
- Demonstrate knowledge about the “behind the scenes” workings of Web sites including HTML, XHTML, Dynamic HTML, Cascading Style Sheets, Web scripting and interactivity
- Demonstrate an understanding of the fundamental Information System concepts including the design, development and implementation of databases, software and integrated business systems
- Communicate effectively and professionally converse with a large range of audiences

Required Core and Elective Courses

<u>Communications</u>		<u>Credits</u>
ENG 101*	English Composition I	3
ENG 102*	English Composition II	3
SPE 101	Oral Communications	3
<u>Humanities</u>		
_____	Humanities Elective	3
<u>Social Science</u>		
ECO _____	Economics Elective	3
_____	Social Science Elective	3
<u>HPE</u>		
HPE _____	Physical Education Elective	1-3
<u>Mathematics</u>		
MAT _____	Mathematics Elective	3
MAT _____	Mathematics Elective	3
<u>Business</u>		
BUS 221	Principles of Marketing	3
BUS 231	Principles of Management	3
<u>Computer Graphics</u>		
CGA 212	Web Graphics	3
<u>Computer Information Systems</u>		
CIS 107	Concepts of Information Systems	3
CIS 110	Fundamentals of Programming	4
CIS 151	Web Development – HTML	4
CIS 152	Web Development – Expression	4
CIS 153	Web Development – Dreamweaver	4
CIS 203	Systems Analysis and Design	3
CIS 210	Relational Databases	4
CIS 251	Web Programming	4
CIS 264	Database Applications	4

*Formerly COM 101 / 102

TOTAL MINIMUM CREDITS: 67-69

Date of last revision: 06/09

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Four Semester Sequence of Courses

<u>FIRST YEAR - Fall Semester</u>	<u>Credits</u>
___ CIS 107 Concepts of Information Systems	3
___ CIS 110 Fundamentals of Programming	4
___ CIS 151 Web Development – HTML	4
___ ENG 101* English Composition I	3
___ MAT ___ Mathematics Elective	3
	17
 <u>Spring Semester</u>	
___ CIS 153 Web Development – Dreamweaver	4
___ CIS 210 Relational Databases	4
___ ENG 102* English Composition II	3
___ MAT ___ Math Elective	3
___ ___ ___ Humanities Elective	3
	17
 <u>SECOND YEAR - Fall Semester</u>	
___ BUS 221 Principles of Marketing	3
___ CIS 152 Web Development – Expression	4
___ CIS 251 Web Programming	4
___ CGA 212 Web Graphics	3
___ ECO ___ Economics Elective	3
	17
 <u>Spring Semester</u>	
___ BUS 231 Principles of Management	3
___ SPE 101 Oral Communications	3
___ CIS 203 Systems Analysis and Design	3
___ CIS 264 Database Applications	4
___ ___ ___ Social Science Elective	3
___ HPE ___ Physical Education Elective	1-3
	17-19
<u>TOTAL MINIMUM CREDITS:</u>	67-69

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