

**COMPUTER INFORMATION SYSTEMS
COMPUTER SOFTWARE SUPPORT (SSC)
(HEGIS 5101)
(Applied Academic Certificate)**

This certificate provides the student with advanced skills in computer applications. It is appropriate for students interested in learning the intricacies of a variety of software packages. Upon completion of the certificate, students may pursue careers as application specialists, help desk associates and software trainers. Students continuing into a two-year degree program are advised to consult the requirements for either the CIS, IMN or BUS Applied Science degree programs. No prior computer experience is required.

A Certificate is awarded upon completion of the requirements for this program.

Courses should be selected in consultation with an advisor.

<u>Course No.</u>	<u>Descriptive Title</u>	<u>Cr.Hrs.</u>
<u>FIRST SEMESTER</u>		
ENG 101	Composition I	3
CIS 100	CIS Introductory Seminar	1
CIS 111	Computer Systems and Applications	3
CIS 107	Conducting Business on the Internet	3
or CIS 108	Conducting Research on the Internet	3
CIS 120	Computer Based Publishing	3
CIS 160	Career Seminar, Career Exploration (a)	<u>2</u>
	TOTAL	15
<u>SECOND SEMESTER</u>		
CIS 113	Visual Basic Programming	
or CIS 112	Computer Programming	3-4
CIS 150	Information Security Management	
or CIS 140	Healthcare Information Management	3
CIS 213	Microcomputer Systems for Business	3
CIS 161	Career Seminar, Career Advancement (a)	2
Elective (b)		<u>3</u>
	TOTAL	14
	TOTAL CREDIT HOURS	29

a. The cooperative education experience requires 10 hours per week of related work experience.

b. Students must select courses from: ACC, BUS, CIS, MAT, or BUS 103.

**COMPUTER INFORMATION SYSTEMS
WEB ADMINISTRATION (WAC)
(HEGIS 5101)
(Applied Academic Certificate)**

This certificate will provide students with the skills to effectively develop and administer web server site installations. Students will develop advanced skills in both client side web software and server side software. Upon completion of the certificate, students will be well-versed in the skills necessary to pursue careers in web site administration. Students continuing into a two-year degree program are advised to consult the requirements for either the CIS, IMN or BUS Applied Science degree programs. Basic computer literacy is required to entry into the program.

A Certificate is awarded upon completion of the requirements for this program.

Courses should be selected in consultation with an advisor.

<u>Course No.</u>	<u>Descriptive Title</u>	<u>Cr.Hrs.</u>
<u>FIRST SEMESTER</u>		
CIS 100	CIS Introductory Seminar	1
CIS 111	Computer Systems and Applications	3
CIS 107	Conducting Business on the Internet	3
CIS 113	Visual Basic Programming	3
CIS 120	Computer Based Publishing	3
CIS 160	Career Seminar, Career Exploration (a)	<u>2</u>
	TOTAL	15
<u>SECOND SEMESTER</u>		
ENG 101	Composition I	3
CIS 133	Advanced Visual Basic	
or CIS 140	Healthcare Information Management	
or CIS 150	Information Security Management	3
CIS 126	UNIX/LINUX	3
CIS 228	Web Site Administration	3
CIS 161	Career Seminar, Career Advancement (a)	2
Elective (b)		<u>3</u>
	TOTAL	17
	TOTAL CREDIT HOURS	32

a. The cooperative education experience requires 10 hours per week of related work experience.

b. Students must select courses from: ART 110, ART 140, ART 145, ART 163, ART 256, ACC, BUS, CIS, MAT,. Students are encouraged to register for CIS 114 to gain additional programming skills.