Associate of Science (Computer Information Systems) AS-CIS

PROGRAMME OVERVIEW

Computer technology is updated and improved upon on a daily, even hourly, basis in the 21st century. Bermuda College's Associate of Science (Computer Information Systems) is reviewed regularly to incorporate the changes and updates in the technology field. IT specialisation and e-commerce courses have been added to the core curriculum. Further, the programme's curriculum equips students with the same level of competency as demonstrated by the internationally recognised certifications of A+, Network+, iNet+, CCNA, GIAC/GSEC, MCP and MOUS.

The foundation of the programme is the study of computer applications in the business environment. It also includes a mandatory internship between the first and second years of study, providing hands-on experience in local and international companies.

CURRICULUM   TOTAL CREDITS: 63-66

YEAR 1
First Semester - 16 credits   Credits

CSC 1120	Learning Strategies for Student Success	1
ENG 1111	Freshman Composition	3
MAT 1105 or	College Algebra or	
MAT 1131	Finite Mathematics	3
CIS 1120	Introduction to Business Applications of Computers	3
CIS 1125	Introduction to Computer & Information Technology	3
ECM 1110	Generating Web Pages	3

Second Semester - 15 credits

ENG 1112 or	Literary Analysis or	
ENG 1115	Writing for Professionals	3
Elective Business (ACC, MGN, INS, LAW, CIS or HMT) of your choice		3
MAT 1141 or	Pre-Calculus or	
MAT 2233	Statistics I	3
CIS 1130	Data Management	3
CIS 2278	Microcomputer Hardware and Software	3
CIS 1180	**COMPUTER INFORMATION SYSTEMS INTERNSHIP***	3

YEAR 2
First Semester - 15-16 credits

Humanities or Natural Science or Social Science		3 or 4
MAT 1152 or	Calculus I or	
MAT 2234 or	Statistics II or	
MAT 1132	Business Calculus	3
CIS 1155	Programming for Information System I	3
CIS 2231	System Analysis and Design	3
CIS 2290	Networking Technologies	3

Second Semester - 15-16 credits

Humanities or Natural Science or Social Science		3 or 4
MGN 2230	Introduction to Project Management	3
CIS 2255	Programming for Information Systems II	3
CIS 2297	Security Fundamentals and Policies	3
CIS 2295	Operating Systems & Infrastructure	3

Before one can be enrolled in any course one must satisfy the prerequisites.

(For a list of Humanities, Social Science and Natural Science options, see page 31.)