EnTec | MIAMI DADE COLLEGE
SCHOOL OF ENGINEERING+TECHNOLOGY

Associate in Arts Pathway to a major in Computer Information Systems (MIS option) (10702)
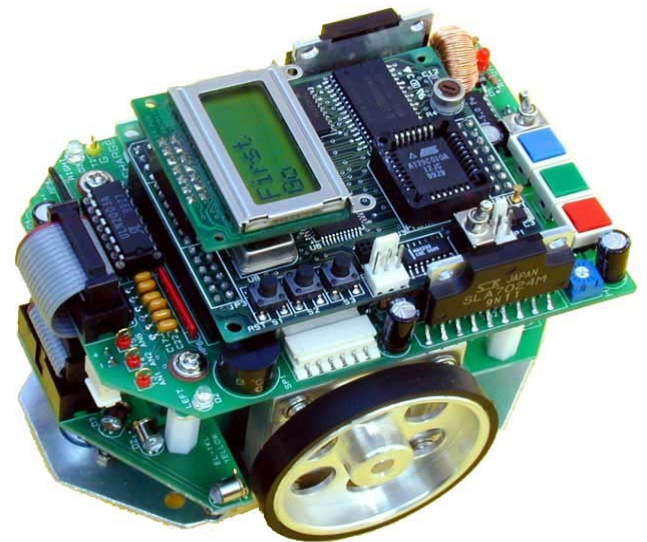

About the Major

The Computer Information Systems program provides academic breadth and depth with an emphasis on the technology strategies designed for you to work collaboratively within your organization to analyze and evaluate information processing needs and construct solutions from an ever-changing set of technologies. The program focuses on analyzing technical problems to identify and define the computing requirements appropriate to their solution and to meet desired needs; and demonstrating communication, teamwork, and project-based learning skills necessary to function effectively on teams to accomplish a common goal.

Areas of Specialization

- Information Technology
- Operating Systems and Networks
- Software Applications
- Software Engineering

What can I do with this degree

Computer information systems majors complement their technical knowledge with communication and business skills. CIS majors can find careers in almost any sector of society as technical administrators and information systems employees, as well as non-technical jobs in product support, sales and marketing.

Visit our Web site: http://entec.mdc.edu ◆ Call: (305) 237-8888 for more info

CIS—MIS Option

A.A. Pathway to a major in CIS—MIS option 10702

Total credits required for the degree is 60.

Computer Information Systems is a more business-oriented program than Computer Science. In addition to courses in programming and applications, the program provides a thorough grounding in accounting, and economics. Computer information systems majors complement their technical knowledge with communication and business skills and can find careers in almost any sector of society.

Course	Course Title	Credits
GENERAL EDUCATION REQUIREMENTS - 41 credits required		
ENC 1101	English Composition 1	3
ENC 1102	English Composition 2	3
SPC 1017	Fundamental of Speech Communication	3
PHI 2604	Critical Thinking/Ethics	3
Humanities Group B Elective		3
CLP 1006	Psychology of Personal Effectiveness	3
ECO 2013	Economics—Macro	3
MAC 1105	College Algebra	3
STA2023	Statistical Methods	3
Natural Science (Physical Science)		3
Natural Science (Life Science)		3
ACG 2021	Financial Accounting and Lab	4
ACG 2071	Managerial Accounting and Lab	4

Computer Competency (0 credit**)**

CGS1060	Intro to Microcomputer Usage	0

MAJOR REQUIREMENTS – 19 credits required

CGS 1060	Intro to Microcomputer Usage	4
COP 1332	Intro to Visual Basic	4
COP 1334	Intro to C++ Programming	4
COP 2800	Java Programming	4
ECO 2023	Economics—Micro	3

Requirement Note:
Student must attempt CGS1060 by the sixteen Earned College-Level Credit.

NEW Bachelor of Science in Information Systems Technology Requirements:
ECO 2013, STA 2023, CGS 1060, CGS 1540, COP 1334, and either CTS 1134 or CTS 1650 are pre-requisites for the MDC **BS-IST**.

Program Schedule

This suggested schedule is only one possible method to complete your degree requirements. It is highly recommended that you seek the advice of a department advisor and/or faculty member.

First Term — 13 Credits

CGS1060	Introduction to Microcomputer Usage	4
ENC1101	English Composition 1	3
MAC 1105	College Algebra	3
Natural Science (Life Science)		3

Second Term — 13 Credits

COP1332	Intro to Visual Basic	4
ENC1102	English Composition 2	3
PHI2604	Critical Thinking/Ethics	3
STA2023	Statistical Methods	3

Third Term — 9 Credits

CLP1006	Psychology of Personal Effectiveness	3
SPC1017	Fundamentals of Speech Communication	3
Natural Science (Physical Science)		3

Fourth Term — 14 Credits

COP1334	Intro to C++ Programming	4
ACG 2021	Financial Accounting and Lab	4
ECO2013	Economics—Macro	3
Humanities Group B elective		3

Fifth Term — 11 Credits

COP2800	Java Programming	4
ACG 2071	Managerial Accounting and Lab	4
ECO2023	Economics—Micro	3

FOR FURTHER INFORMATION

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Miami Dade College