

Howard Community College A.A. Information Technology, Cisco Option > Excelsior College Bachelor of Science in Information Technology-General Option

Course	Credit Hours	Excelsior College Requirement
ENGL 121: College Composition I	3.0	Written English Requirement
ENGL 122: College Composition II	3.0	Humanities Elective
Literature Core	3.0	Humanities Elective
Fine Arts Core	3.0	Humanities Elective
SPCH 105: Fundamentals of Public Speaking	3.0	Humanities Elective
History Core	3.0	Social Sciences/History Elective
Social/Behavioral Sciences Core	3.0	Socials Sciences/History Elective
Social/Behavioral Sciences Core	3.0	Socials Sciences/History Elective
Science Core	3.0	Natural Sciences/Math Elective
Science Core w/ Lab	4.0	Natural Sciences/Math Elective
MATH 131: College Algebra	3.0	Natural Sciences/Math Elective
CMSY 129: Principles of the Internet	3.0	IT Elective
CMSY 105: Personal Computer Systems Repair I	3.0	Applied Professional Elective
CMSY 106: Personal Computer Systems Repair II	3.0	Applied Professional Elective
CMSY 121: Structured Logic & Program Design	3.0	IT Elective
CSCO 270: Cisco Network Technology	3.0	IT Elective
CSCO 271: Cisco Internetworking	3.0	IT Elective
CSCO 272: Cisco LAN/WAN	3.0	IT Elective
MATH 138: Statistics	4.0	Math Requirement
CMSY 250: Systems Analysis and Design	3.0	IT Elective
Total Hours	62.0	

EVALUATION SUMMARY – BS INFORMATION TECHNOLOGY – GENERAL OPTION

This degree requires a minimum of 120 credits, which means you still need at least 58.00 credits. Of these you must fulfill the following requirements. Lower level credits may be completed with additional Howard CC coursework. Courses denoted in bold are those offered by Excelsior College. An X indicates an Excelsior College proficiency examination. **Please Note:** Depending on the requirements for this degree, you may end up exceeding 120 credits and any credits needed after completing the requirements listed below may be met with free electives.

GENERAL EDUCATION

You need 22.00 credits in the arts and sciences electives to include:

- Ethics
HCC PHIL 103: Ethics
- Discrete Mathematics
TECH 205: Discrete Structures

FREE ELECTIVE COMPONENT

You still need 9.00 credits to include:

INL*102 INFORMATION LITERACY or an approved alternative

TECHNOLOGY COMPONENT

You need 27.00 credits (15.00 credits must be upper level) to include the following core requirements:

- Computer Architecture
IT*320: Computer Architecture
- Object Oriented Programming
IT*210: Object Oriented Programming or
HCC CMSY 199: Introduction to Java
- Data Communications
IT*350: Data Communications
- Database Concepts
IT*370: Database Management Systems
- Operating Systems
IT*360: Operating Systems
- Project Management
IT*390 PROJECT MANAGEMENT

- Overview of Computer Security

IT*380 OVERVIEW OF COMPUTER SECURITY

- Integrated Technology Assessment

IT*495 INTEGRATED TECHNOLOGY ASSESSMENT

Catalog Year: 06-07