

## Howard Community College A.A. General Studies - Business/Technology > 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
Humanities Core	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 Scienes/Math Elective
MATH 131: College Algebra	3.0	Natural Sciences/Math Elective
CMSY 129: Principles of the Internet	3.0	IT Elective
SPCH 105: Fundamentals of Public Speaking	3.0	Humanities Elective
CMSY 120: Introduction to Computer Systems	3.0	IT Elective
CMSY 121: Structured Logic and Program Design	3.0	IT Elective
CMSY 181: Introduction to C++	3.0	IT Core – Object Oriented Programming
PHIL 103: Ethics	3.0	Humanities – Ethics Requirement
MATH 138: Statistics	4.0	Math Requirement
CMSY 219: DOS Operating Systems	3.0	IT Elective
CMSY 255: Introduction to UNIX	3.0	IT Core – Operating Systems
<b>Total Hours</b>	<b>62.0</b>	

### **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 16.00 credits in the arts and sciences electives to include:**

- Discrete Mathematics

**TECH 205: Discrete Structures**

### **FREE ELECTIVE COMPONENT**

**You still need 15.00 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**

- Data Communications

**IT\*350: Data Communications**

- Database Concepts

**IT\*370: Database Management 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

