

**Howard Community College A.A. Information Technology, PC/Network Option > Excelsior College  
Bachelor of Science in Information Technology-General Option**

<b>Course</b>	<b>Credit Hours</b>	<b>Excelsior College Requirement</b>
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 Scienes/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
CMSY 147: Introduction to Web Site Authoring	3.0	IT Elective
MSFT 299: Fundamentals and Practice for Network + Certification	3.0	IT Elective
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 System
<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 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**
- 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