**Harford Community College:** Associate of Applied Sciences (A.A.S) in Computer Information Systems

**Towson University:** Bachelor’s Degree (B.S.) in Information Technology

Towson University offers students the opportunity to obtain a bachelor’s degree (B.S.) in Information Technology without ever leaving Harford County! Students who complete HCC’s Associate of Applied Sciences (A.A.S) in Computer Information Systems will be eligible to transfer to the TU in Northeastern Maryland facility on the Harford Community College campus to earn a bachelor’s degree.

**Recommended Course Schedule Sequence at Harford Community College**

**NOTE:** The following codes identify courses which satisfy the General Education Requirements at HCC:

- **GB** Behavioral/Social Science
- **GH** Arts/Humanities
- **GM** Mathematics
- **GL** Biological/Physical Laboratory Science
- **GE** English Composition
- **GI** Interdisciplinary & Emerging Issues
- **GS** Biological/Physical Science

**TO SATISFY THE DIVERSITY REQUIREMENT:** Associate degree students must complete one 3-credit diversity course D. It is recommended that students select one of the 3-credit GB, GH, GI course electives from those that appear on the approved list of diversity course graduation requirements.

At HCC, future transfer students may earn credits that count toward the Core Curriculum requirements at Towson University. These Core requirements consist of a minimum of 40 units of coursework in 13 categories.

### First Semester (14 credits)

- BA 101 Introduction to Business (3) **GI** (Core 11)
- CIS 102 Introduction to Information Sciences (3) **GI** (Core 4)
- ENG 101 English Composition (3) **GE** (Core 2)
- MATH 216 Intro to Statistics (4) **GM** (Core 3)
- Physical Education Elective (1)

### Second Semester (17 credits)

- CIS 104 Computer Operating Systems (3)
- CIS 119 Programming I: Java (4)
- CIS 115 Fundamentals of Programming (3)
- Biological/Physical Lab Science Elective (4) **GL** (Core 7)
- CMST 210 Group Communication & Leadership (3) **GH** (Core 5)

### Third Semester (16 credits)

- CIS 135 Introduction to Networks (3)
- CIS 214 Programming II: Java (4)
- ENG 209 Technical Writing (3)
- CIS 136 Introduction to Internet Technologies (3)
- CSI/CIS/ISS Elective (3) ****
  **** Any CIS/CIS/ISS course(s) may be taken to satisfy the CIS/CIS/ISS electives.

### Fourth Semester (13 credits)

- CIS 203 Computer Systems and Procedures (3)
- CIS 217 Introduction to Web Programming (3)
- CIS 273 Cooperative Education: Comp Info Systems (3) **OR**
- CSI/CIS/ISS Elective (3) ****
- Behavioral/Social Science Elective (3) **GB** (Core 6)
- Physical Education Elective (1)

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Last revised 03/30/2017. Please note agreement sequences are subject to change according to state guidelines. Be sure to meet with your HCC advisor each semester.
**B.S. in Information Technology**

**Towson University in Northeastern Maryland**

### Total Units to Complete
- 60 Transferred credits from HCC
- 33 TU Information Technology Program
- 15-16 TU Core Requirements
- 10-12 General Electives
- 120 Total for Graduation

### Core General Education Courses Needed
- **Core 8** Biological & Physical Sciences (3-4)
- **Core 9** Advanced Writing Seminar (3): ENGL 317 Required
- **Core 10** Metropolitan Perspectives (3)
- **Core 12** Global Perspectives (3)
- **Core 13** Diversity & Difference (3)
- **Core 14** Ethical Issues & Perspectives (3): COSC 418 Required

### First Fall Term (15 units)
- **CIS 377**: Information System Security (3)
- **ITEC 345**: Scripting Languages (IT Elective) (3)
- **PHYS 103**: How Things Work (3) *(Core 8)*
- **FMST 201**: Family Resources (3) *(Core 10)*
- **GEOG 102**: World Regional Geography (3) *(Core 12)*

### Second Fall Term (15 units)
- **COSC 418**: Ethics and Societal Concerns for CS (3) *(14)*
- **ITEC 411**: System Administration and Integration (3)
- **IT Elective** (3)
- **General Elective** (3)
- **General Elective** (3)

### First Spring Term (15 units)
- **ITEC 325**: System Administration & Maintenance (3)
- **ITEC 315**: Data and Information Management (3)
- **ENGL 317**: Writing for Business & Industry (3) *(9)*
- **PHIL 204**: Race, Class, & Gender (3) *(Core 13)*
- **General Elective** (3)

### Second Spring Term (15 units)
- **CIS 435**: Human Computer Interaction (3)
- **ITEC 485**: IT Capstone (3)
- **IT Elective** (3)
- **IT Elective** (3)
- **General Elective** (3)

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**General Information**  
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For more information about the Core Curriculum, please visit: [http://www.towson.edu/academicadvising/current/curriculum.html](http://www.towson.edu/academicadvising/current/curriculum.html)