Harford Community College: Associate of Applied Sciences (A.A.S) in Information Assurance and Cybersecurity

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

<table>
<thead>
<tr>
<th>First Semester (15 credits)</th>
<th>Second Semester (18 credits)</th>
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<tbody>
<tr>
<td>CIS 102 Introduction to Information Sciences (3)</td>
<td>CIS 104 Computer Operating Systems (3)</td>
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<tr>
<td>ENG 101 English Composition (3)</td>
<td>CIS 119 Programming 1: Java (4) <strong>OR</strong></td>
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<tr>
<td>ISS 105 Introduction to Cybersecurity (3)</td>
<td>CSI 131 Computer Science I (4)</td>
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<tr>
<td>CMST 210 Group Communication &amp; Leadership (3)</td>
<td>CIS 211 MS Windows Server Operating System (3)</td>
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<tr>
<td>CIS 135 Introduction to Networks (3) (Term 2)</td>
<td>ISS 111 Cisco 1 (4)</td>
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<tr>
<td>ISS 112 Cisco 2 (4)</td>
<td><strong>Fourth Semester (13 credits)</strong></td>
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<tr>
<td><strong>Third Semester (15 credits)</strong></td>
<td><strong>Fourth Semester (13 credits)</strong></td>
</tr>
<tr>
<td>CIS 210 Fundamentals of Network Security (3)</td>
<td>ISS 221 Network Defenses &amp; Countermeasures (3)</td>
</tr>
<tr>
<td>CIS 214 Programming II: Java (4) <strong>OR</strong></td>
<td>CIS 217 Introduction to Web Programming (3)</td>
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<tr>
<td>CSI 132 Computer Science II (4)</td>
<td>Behavioral/Social Science Elective (3) <strong>GB D</strong> (Core 6)</td>
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<tr>
<td>ISS 220 Strategic Infrastructure Security (3)</td>
<td>Biological/Physical Lab Science Elective (4) <strong>GL</strong> (Core 7)</td>
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<tr>
<td>MATH 216 Introduction to Statistics (4) <strong>GM</strong> (Core 3)</td>
<td><strong>Physical Education Elective (1)</strong></td>
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Last revised 04/02/2018. 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)

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)

**General Information**
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