MEMORANDUM OF UNDERSTANDING  
HARFORD COMMUNITY COLLEGE & TOWSON UNIVERSITY  
September 17, 2018

INFORMATION SYSTEMS – Interface Design Track B.S. Degree

Harford Community College, Bel Air, Maryland, and Towson University, agree to follow the articulation of courses outlined in the articulation (course equivalency) document, for completion of requirements for the Bachelor of Science degree in Information Systems – Interface Design Track (Attachment A), which is attached to, and incorporated by reference into, this Memorandum of Understanding (MOU). The following principles guide the operation of this MOU, with the requirements for transfer in specific curricula set forth in Attachment A.

1. Towson University will accept a maximum number of 64 credits from Harford Community College as outlined in the Attachment A. The number of transferable credits specific to this program is reflected in Attachment A.

2. Students who have completed the Associate of Science Degree in the Computer Science program at Harford Community College may transfer into Towson University’s Information Systems program with junior standing provided that the student has completed all courses identified on Attachment A (which is attached to, and incorporated by reference into, this MOU) with a cumulative GPA of 2.00 or higher. Courses completed at Harford Community College with 300 or 400 level Towson University course equivalencies will transfer as lower-level credit but will satisfy course content as indicated.

3. Only courses in which a grade of C (2.00) or better is earned will apply toward the major at Towson University.

4. In accordance with the MHEC transfer policy pertaining to general education requirements, Towson University will accept the completion of Harford Community College’s general education requirements (GenEds) and students will be required to complete courses at Towson University to satisfy the remaining University Core requirements as shown in Attachment A.

5. Towson University recognizes college-level experiential learning gained through previous work, military and/or volunteer service or life experience. Credit for prior learning may also be established through course challenge or standardized credit by examination.

6. Harford Community College students transferring to Towson University will be given every consideration for financial aid and will be eligible to compete for academic scholarships upon entrance to Towson University subject to stated scholarship deadlines.

7. Both Harford Community College and Towson University agree to work together to facilitate the transfer of students from Harford Community College to Towson University to work cooperatively to insure the high quality of the programs at the respective
institutions. Transfer of students will be in accordance with policies and procedures of both institutions, as they may be amended from time to time.

8. This MOU will be in effect initially for ten years, beginning fall 2018, with a review every two years by both parties. Any revisions the parties deem necessary must be evidenced in writing and signed by the authorized officials of each institution. The MOU may be terminated by either party for due cause and after adequate notice of not less than six months is given to the other party.

9. Towson University will establish procedures to provide information on the academic progress of Harford Community College students enrolled as part of this MOU.

10. This MOU, when signed, constitutes the entire agreement between the parties and supersedes all prior agreements and understandings between the parties respecting the matter hereof.

HARFORD COMMUNITY COLLEGE AND TOWSON UNIVERSITY

Dr. Steven Thomas  
Vice President for Academic Affairs  
Date 9.28.2018

Dr. David Vanko  
Interim Provost and Executive Vice-President of Academic Affairs  
Date 9.06.18
Students who do not complete courses as outlined here may need to take additional Core courses at TU.

Students under this agreement will receive a Core Package & provided course selections at HCC are made as indicated in this Agreement.

** Page 2 for more details.**

* One General Education course from Arts and Humanities OR Social and Behavioral Sciences General Education categories must be a diversity (d) course.
Students who do not choose MATH 216 or another General Education course will be required to take an additional core course at TU.

Education course to satisfy the requirement. Students who do not choose a MATH 216 or another General Education course (General Elective) should choose another General Education course that satisfies the 12 credits of HCC.

**NOTE:**  MATH 216 is a 4-credit course and will increase a student’s total degree credits at the 15 credits.

Students who do not take MATH 216 at HCC will need to take MATH 231 or 331 at TU to satisfy the General Education requirement.

**Program Requirements/ electives:**

Harford Community College Course Selections:

- **Towson University (TU)** Information Systems – Interface Design Track B.S. Degree
- **Harford Community College (HCC)** Computer Science A.S. Degree
<table>
<thead>
<tr>
<th>Units</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Engineering Ethics &amp; Society Concerns of Computer Scientists (counted above)</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>Software Project Management</td>
<td>3</td>
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<tr>
<td>3</td>
<td>Organization Database Management</td>
<td>3</td>
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<td>3</td>
<td>Systems Analysis and Design</td>
<td>3</td>
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<td>3</td>
<td>Human -- Computer Interaction</td>
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<td>Telecommunications</td>
<td>3</td>
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<td></td>
<td>Enterprise Systems and Architecture</td>
<td>3</td>
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<tr>
<td></td>
<td>Fundamentals of Web Technologies and Web Applications</td>
<td>3</td>
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<tr>
<td></td>
<td>Fundamentals of Information Systems and Technology</td>
<td>3</td>
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<td>24</td>
<td>Information Systems Capstone</td>
<td>3</td>
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<td></td>
<td>Required Information Systems Courses (15 courses)</td>
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<tr>
<td>3</td>
<td>Engineering Ethics &amp; Society Concerns of Computer Scientists (counted above)</td>
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<tr>
<td>3</td>
<td>Writing for Business and Industry</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>Professional Ethics and Society Studies</td>
<td>3</td>
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<td></td>
<td>*Students who do not complete MATH 216 or General Education course as indicated on page 1 and 2 of this agreement may need an additional core course:</td>
<td></td>
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<tr>
<td>9-12</td>
<td>CORE Curriculum Requirements to be completed at TU:</td>
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</tbody>
</table>

Effective Fall 2018
32 units of the bachelor's degree must be completed at the upper level (courses numbered 300 or above),
- A cumulative grade point average (GPA) of 2.0 is required,
- A C (2.0) or higher is required in all major courses.

Bachelor's Degree Requirements:

Additional credits depending on their course selections.

This program is designed to be completed in 120 credits. Students who do not take courses at HTC as outlined in this document may require additional units to meet the B.S. degree.

Electives

Completion of Information Systems Program Requirements

- Completion of University Core at TU
- Hartford Community College Computer Science A.S.

Total Units to B.S. Degree

- PHI 211
- HST 101
- SOC 495
- CIS 436
- CIS 433
- CIS 426
- CIS 425
- CIS 377
- CIS 377
- ART 365

Select two of the following:

6

3

- Digital Concepts: Image and Surface
- 2D Process (counted above)
- Applied Data Mining and Visual Analytics

Hartford Community College (HCC) — Computer Science A.S. Degree

Towson University (TU) — Information Systems — Interface Design B.S. Degree

Effective Fall 2018

Attachment A

Sep 17, 2018