

MEMORANDUM OF UNDERSTANDING

CECIL COLLEGE & TOWSON UNIVERSITY

June 7, 2012

Information Technology B.S. Degree

Cecil College in Northeastern, 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 Technology (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.

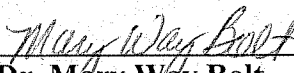
1. Towson University will accept a maximum number of 64 credits from Cecil College as outlined in the Attachment A. The number of transferable credits specific to this program is reflected in Attachment A.
2. Students who have completed the Associate of Applied Science Degree in the CIS – Programming Option program at Cecil College may transfer into Towson University’s Information Technology 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 Cecil College with 300 or 400 level Towson University course equivalencies will transfer as lower-level credit but will satisfy course content provided that the student validates the course with a higher level course for which the transferred course is a prerequisite.
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 Cecil College’s general education requirements (GenEds) and students will be required to complete courses at Towson University to satisfy the remaining University *Core* Curriculum 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. Cecil 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 Cecil College and Towson University agree to work together to facilitate the transfer of students from Cecil 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 2011*, 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 Cecil 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.

CECIL COLLEGE


AND

TOWSON UNIVERSITY



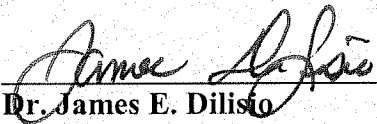
Dr. Mary Way Bolt
 Vice President for
 Academic Programs

Date 6/7/12




Dr. David Linthicum
 Dean of Academic Programs

Date 6-7-12



Dr. James E. Diliso
 Interim Provost and Vice-President for
 Academic Affairs

Date 6/13/12



Dr. David Vanko
 Dean, The Jess & Mildred Fisher College
 Science & Mathematics

Date 12 June 12

CECIL COLLEGE/CIS - PROGRAMMING OPTION A.A.S. DEGREE
TOWSON UNIVERSITY/INFORMATION TECHNOLOGY B.S. DEGREE

| CECIL COLLEGE | | | TOWSON UNIVERSITY | | | |
|--|---|--------------|------------------------|---|-------------------------------------|----------------|
| COURSE # | COURSE TITLE | CRS. | TU EQUIVALENCY | CORE | COMMENTS | COURSE ID# |
| | | | | 1. | Towson Seminar | |
| EGL 101 | Freshman Composition | 3 | ENGL 102 | 2. | English Composition | 2348 |
| MAT | Math Elective (M) | 3-4 | | 3. | Mathematics | |
| CIS 101 | Introduction to Computer Concepts | 3 | COSC 111*** | 4. | Creativity & Creative Development | 1328*** |
| SPH 121 | Interpersonal Communication | 3 | COMM 131 | 5. | Arts & Humanities | 1221 |
| SOC SC | Social Science Elective (SS) | 3 | Depends on choice. | 6. | Social & Behavioral Sciences | |
| SCI | Lab Science Elective (SL) | 4 | Depends on choice. | 7. | Biological & Physical Science w/Lab | |
| | | | | 8. | Biological & Physical Science | |
| | | | | 9. | Advanced Writing Seminar | |
| | | | | 10. | Metropolitan Perspectives | |
| | | | | 11. | The United States as a Nation | |
| EGL 102 | Composition & Literature | 3 | ENGL TLL*** | 12. | Global Perspectives | 10267*** |
| ARTS/HUM | Arts & Humanities (Diversity Focus) | 3 | Depends on choice. | 13. | Diversity & Difference | |
| | | | | 14. | Ethical Issues & Perspectives | |
| Total CORE in Transfer | | 25-26 | | | | |
| CBWEP | BUS/DAP College Based Work Experience Program | 3 | USEL | No equivalency. | | 10792 |
| CIS 102 | Operating Systems | 3 | ITEC 274 | | | 13152 |
| CIS 124 | Web Design I - Design Fundamentals | 3 | COSC TLL | | | 10186 |
| CIS 224 | Web Design II - Advanced Design | 3 | ITEC 231 | CIS/DAP Elective - TU program requirement. | | 12826 |
| CSC218/DAP 215 | Computer Science II | 4 | COSC 236 | <i>Equivalency exception only for this agreement</i> | | 1344 |
| CIS/DAP | CIS/DAP Electives | 5 | Depends on choice. | | | |
| DAP 109 | Introduction to Programming | 3 | COSC 175 | | | 1335 |
| DAP 131 | Visual Basic Programming | 3 | CIS 265 | | | 1348 |
| DAP 140 | Introduction to Networking | 3 | ITEC 250 or CIS 350 | Transfers as lower-level credit | | 13140 13020 |
| DAP 160 | Introduction to Data Communications | 3 | COSC | | | 10186 |
| DAP 201 | Business Systems Analysis & Design | 4 | CIS 211 | <i>Equivalency exception only for this agreement.</i> | | 10186 |
| DAP 203 OR DAP 204 | Seminar in Information Systems OR Seminar in Information Systems | 1 | COSC COSC | | | 10186 10186 |
| ACT | Activity Electives | 2 | Depends on choice. | | | |
| Cecil Program Requirements | | 40 | | | | |
| Total Program Requirements at Cecil | | 65-66 | | | | |
| Total Credits in Transfer | | 64* | | | | |

* 64 credit transfer maximum. 18 Core Curriculum units must be completed at Towson University: 1, 8, 9, 10, 11 and 14.

***Requires Course Directive for Core Curriculum placement at Towson.

Program Requirements to be completed at Towson

- **Required Courses:** **(21 credits)**

| | | | |
|----------|---|-----|-------------------------------------|
| CIS 377 | Information Systems Security | (3) | |
| CIS 435 | Human computer Interaction | (3) | |
| COSC 418 | Ethics & Societal Concerns of Computer Scientists | (3) | (14. Ethical Issues & Perspectives) |
| ITEC 315 | Data & Information Management | (3) | |
| ITEC 325 | System Administration & Maintenance | (3) | |
| ITEC 411 | System Architecture & Integration | (3) | |
| ITEC 485 | Information Technology Capstone | (3) | |

- **Elective Courses** **(12 credits)**

Choose 4 courses from the following:

| | | | |
|----------|---|----------|---|
| CIS 425 | Decision Support Systems | ITEC 423 | Emerging Internet Technology |
| CIS 440 | Systems Development for E-Commerce | ITEC 425 | Enterprise IT Architecture |
| CIS 445 | Universal Usability | ITEC 451 | Advanced Data Management & Analysis |
| ITEC 3xx | Scripting Languages | ITEC 464 | Web Development |
| ITEC 3xx | Advanced Networking | ITEC 4xx | Cloud Computing for Enterprises |
| ITEC 336 | Legal & Policy Issues in Information Technology | ITEC 470 | Special Topics in Information Technology |
| ITEC 397 | Internship in Information Technology | ITEC 495 | Independent Study in Information Technology |

- **Required Core Courses** **(3 credits)**

| | | | |
|----------|---------------------------------|-----|-------------------------------|
| ENGL 317 | Writing for Business & Industry | (3) | (9. Advanced Writing Seminar) |
|----------|---------------------------------|-----|-------------------------------|

Total Credits to B.S. Degree **(120 credits)**

| | |
|--|----|
| Cecil College CIS-Programming Option A.A.S. Degree | 64 |
| Program Requirements at Towson University | 33 |
| Core Curriculum Requirements at Towson University | 12 |
| General Electives | 11 |