

MEMORANDUM OF UNDERSTANDING

HOWARD COMMUNITY COLLEGE & TOWSON UNIVERSITY

February 1, 2019

ALLIED HEALTH B.T.P.S Degree

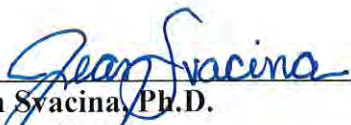
Howard Community College, Columbia, Maryland, and Towson University, agree to follow the articulation of courses outlined in the articulation (course equivalency) document, for completion of requirements for the Bachelor of Technical and Professional Studies degree in Allied Health (Attachment A), which 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 Howard 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 Applied Science Degree in the Cardiovascular Technology – Invasive Technologist program at Howard Community College may transfer into Towson University's Allied Health 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 Howard 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 Howard 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. Howard 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 Howard Community College and Towson University agree to work together to facilitate the transfer of students from Howard 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 Howard 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.

HOWARD COMMUNITY COLLEGE AND TOWSON UNIVERSITY



Jean Svacina, Ph.D.
Vice President for
for **Academic Affairs**

Date 2.13.19



David Vanko, Ph.D.
Interim Provost and Executive Vice-President
for **Academic Affairs**

Date _____

Addendum to the Memorandum of Understanding

Allied Health B.T.P.S. Degree

Effective February 18, 2019, Dr. Melanie Perreault began her appointment as Provost and Executive Vice-President for Academic Affairs at Towson University.

HOWARD COMMUNITY COLLEGE AND TOWSON UNIVERSITY



Melanie Perreault, Ph.D.
Provost and Executive Vice-President
for **Academic Affairs**

Date 5/1/19

HOWARD COMMUNITY COLLEGE – CARDIOVASCULAR TECHNOLOGY – INVASIVE TECHNOLOGIST A.A.S. DEGREE
TOWSON UNIVERSITY/ ALLIED HEALTH B.T.P.S. DEGREE

HOWARD COMMUNITY COLLEGE			TOWSON UNIVERSITY			
COURSE #	COURSE TITLE	CR	TU EQUIVALENCY	CORE	COMMENTS	COURSE ID#
			TSEM 102 (waived)	1.	Towson Seminar	13192
ENGL 121	College Composition	3	ENGL 102	2.	English Composition	2348
MATH*	Mathematics Core	3	Depends on choice.	3.	Mathematics	
				4.	Creativity & Creative Development	
SPCH 110 <i>or</i> SPCH 101 <i>or</i> SPCH 105	Interpersonal Communication <i>or</i> Human Communication <i>or</i> Public Speaking	3	COMM 215	5.	Arts & Humanities	1233**
SOCI 101	Introduction to Sociology	3	SOCI 101	6.	Social & Behavioral Sciences	7715
PHYS 101	Technical Physical Science	4	PHSC 101	7.	Biological & Physical Science w/Lab	6698
BIOL 101 <i>or</i> BIOL 107	General Biology I <i>or</i> Microbiology	4	BIOL 200 & BIOL 200L <i>or</i> BIOL 215	8.	Biological & Physical Science	13579 & 13760 678**
				9.	Advanced Writing Seminar	
				10.	Metropolitan Perspectives	
				11.	The United States as a Nation	
				12.	Global Perspectives	
				13.	Diversity & Difference	
				14.	Ethical Issues & Perspectives	
Total Applied to TU Core		20				
BIOL 203	Anatomy and Physiology I	4	BIOL 221 & BIOL 221L			13248 & 13249
BIOL 204	Anatomy and Physiology II	4	BIOL 222 & BIOL 222L			13250 & 13251
CARD 120	Rhythm Analysis and 12-lead ECGs	2	USEL TLL			10792
CARD 121	Cardiovascular Assessment Skills Lab	3	USEL TLL			10792
CARD 122	Cardiac Anatomy and Pathophysiology	3	USEL TLL			10792
CARD 123	Hemodynamics	3	USEL TLL			10792
CARD 124	X-Ray Theory for Cardiovascular Technology	3	USEL TLL			10792
CARD 201	Cardiovascular Pharmacology	2	USEL TLL			10792
CARD 220	Cardiovascular Procedures	2	USEL TLL			10792
CARD 221	Diagnostic and Interventional Procedures	8	USEL TLL			10792
CARD 222	Adv. Intravascular Interventional Procedures	4	USEL TLL			10792
CARD 231	Applied Clinical Practicum	3	USEL TLL			10792
CARD 261	Clinical Internship	4	USEL TLL			10792
Program Requirements		45				
Total Degree Requirements at Howard CC		65				
Maximum Credits in Transfer		64				

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*Students may be recommended to complete specific courses for their Mathematics Core depending on their enrollment plans. See page 2 for details.

**Requires Course Directive for Core placement.

Howard CC Course Selection

MATHEMATICS CORE:

- 1) **BIOL 101 General Biology I** requires specific mathematics courses as a pre- or co-requisite. Students who plan to complete BIOL 101 instead of BIOL 107 should choose **MATH 138 Statistics, MATH 141 College Algebra, or MATH 143 Precalculus I** as their **Mathematics Core** course in order to meet the BIOL 101 pre/co-requisite.
- 2) Students planning to pursue the **Science and Professional Preparation Track** in the Allied Health major at TU should consider **MATH 141 College Algebra or MATH 143 Precalculus 1** as their **Mathematics Core** course if they intend to complete PHYS elective options in the track.
- 3) Students planning to pursue the **Science and Professional Preparation Track** in the Allied Health major at TU may also consider **MATH 138 Statistics** as their **Mathematics Core** course as a possible track elective course for the major at TU. **NOTE:** All major track electives must be approved by an Allied Health advisor.

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DEGREE REQUIREMENTS TO BE COMPLETED AT TU

CORE CURRICULUM REQUIREMENTS TO BE COMPLETED AT TU: **21 units**

Core 4	Creativity and Creative Development	3 units
Core 9	Advanced Writing Seminar (AHLT 440)	3 units
Core 10	Metropolitan Perspectives	3 units
Core 11	The United States as a Nation (HLTH 207)	3 units
Core 12	Global Perspectives	3 units
Core 13	Diversity and Difference (NURS 416)	3 units
Core 14	Ethical Issues and Perspectives (HMCN 441 or PHIL 361)	3 units

REQUIRED COURSES (ALL TRACKS) **9 units**

HLTH 207	Health Care in the U.S.	(3 units)	Core 11 The U.S. as a Nation
AHLT 310	Management for the Allied Health Professional	3 units	
OR AHLT 311	Human Resource Management for Allied Health Professionals		
AHLT 320	Understanding Evidence-Based Practice	3 units	
AHLT 440	Professional Issues in Allied Health	(3 units)	Core 9 Advanced Writing Seminar
AHLT 445	Research Methods in Interprofessional Health Studies	3 units	
NURS 416	Cultural Diversity in Health Care	(3 units)	Core 13 Diversity and Difference

REQUIRED FOR TRACK **15 units**

HCMN 441	Legal and Ethical Issues in Health Administration	(3 units)	Core 14 Ethical Perspectives
OR PHIL 361	Biomedical Ethics (Counted above)		
AHLT 450	Capstone in Allied Health	3 units	
Track Electives		12 units	

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NOTE: Students choose one of six tracks: Administration and Management, Advanced Respiratory Therapy, Education, Family Studies, Health Promotion, Wellness, Prevention & Community Health Education, or Science and Professional Preparation. A list of possible course electives for each track is available in the TU catalog. Other course selections are possible, subject to the approval of the program director. All students will complete an ethics course and a capstone course; the required ethics course varies by track. Each student's program of study and the courses they choose must be approved by an Allied Health advisor.

TOTAL UNITS TO B.T.P.S. DEGREE: 120 UNITS

Howard CC Cardiovascular Technology – Invasive Technologist A.A.S. Degree	64
Completion of Core Curriculum at TU	21
TU Allied Health Major	24
General Electives	11

ADDITIONAL BACHELOR'S DEGREE REQUIREMENTS:

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