

TRANSFER ARTICULATION AGREEMENT  
BETWEEN  
MERCER COUNTY COMMUNITY COLLEGE  
AND  
FAIRLEIGH DICKINSON UNIVERSITY  
UNIVERSITY COLLEGE OF  
ARTS • SCIENCES • PROFESSIONAL STUDIES  
FOR THE  
ASSOCIATE IN SCIENCE DEGREE IN CIVIL ENGINEERING TECHNOLOGY  
AND THE  
BACHELOR OF SCIENCE DEGREE IN CIVIL ENGINEERING TECHNOLOGY

**The following conditions, equivalencies and recommendations have been identified by the two institutions participating in the Agreement.**

**I. Criteria for admission to Fairleigh Dickinson University/University College:**

Arts• Sciences• Professional Studies Programs require:

A. Minimum grade point average of 2.0, as determined by the Office of Admissions

B. Specific courses and program criteria, if applicable

**II. Course equivalencies and/or area requirements**

Specific course equivalencies have been determined and approved, and are available for review at [www.njtransfer.org](http://www.njtransfer.org).

**III. Preferred course, program or degree options, including electives**

Associate in Science degree with specific courses as noted in Table A

**IV. A. Summary**

Transfer credits from MCCC	64
Credits to be taken at Fairleigh Dickinson University	69
Total Credits for Bachelor Degree	133

**B. Other Competencies/requirements/conditions**

MCCC graduates, who apply to Fairleigh Dickinson University under the terms of this agreement, will have the application fee waived.

Table A: Course Equivalency for Civil Engineering Technology

Mercer County Community College			Fairleigh Dickinson University		
Course #	Title	C.H.	Course #	Title	C.H.
ENG 101	English Composition I	3	ENWR 1101	Academic Writing	3
ENT 116	Engineering Graphics	2	ENGR 1301	Engineering Practices, Graphics and Design	2 out of 3
CIV 223	Fluid Mechanics	1 out of 4	ENGR 1301	Engineering Practices, Graphics and Design	1 out of 3
MAT 146	Pre-Calculus	4	MATH 1107	Pre-Calculus	4
PHY 101	College Physics I	4	PHYS 2101	General Physics I	3
			PHYS 2201	Lab: Physics I	1
DRA 190	Introduction To CAD	2	EGTC 1223	Introduction to CAD	2
ENG 102	English Composition II	3	ENWR 1102	Academic Research & Writing	3
MAT 151	Calculus I	4	MATH 1201	Calculus I	4
PHY 102	College Physics II	4	PHYS 2102	General Physics II	3
			PHYS 2202	Lab : General Physics II	1
CIV 101	Surveying I	3	EGTC 1205	Surveying I	3
CIV 106	Mechanics	3	EGTG 2221	Statics	3
CIV 102	Surveying II	3	EGTC 1206	Surveying II	3
CIV 229	Mechanics of Materials	3 out of 4	EGTG 2228	Strength of Materials	3
CIV 227	Structural Steel Design	3	EGTC 3256	Steel Structures	3
CIV 223	Fluid Mechanics	3 out of 4	EGTC 4254	Fluid Mechanics	3
CIV 228	Reinforced Concrete Design	3	EGTC 3257	Concrete Structures	3
BCT 234	Construction Contracts & Specifications	3	EGTC 4260	Contracts & Specifications	3
CIV 216	Highway Engineering	3	EGTC 4320	Highway Design (Technical Elective)	3
HPE 110	Concepts of Health And Fitness	1 out of 2	FRSH 1000	Freshman Seminar	1
	General Education Elective	3	CORE 2002	American Experience	3
	General Education Elective	3	CORE 2003	Cross-Cultural Perspectives	3
	General Education Elective (Course in Ethics)	3		Moral & Ethical Analysis Requirement	3
	<b>Total Transfer Credits</b>	<b>64</b>			<b>64</b>

The total number of transfer credits is 64. Since the B.S. Civil Engineering Technology program requires 133 credits, students must complete at least 69 credits at FDU.

**Mercer County Community College/Fairleigh Dickinson University**  
**Connection Agreement**

***A.A.S. in Civil Engineering Technology/B.S. in Civil Engineering Technology***

This agreement between Mercer County Community College (MCCC) and Fairleigh Dickinson University (FDU) connects students in MCCC's A.A.S. in Civil Engineering Technology to FDU's B.S. in Civil Engineering Technology. These connected degree programs enable students to complete their associate degrees and then transfer to a four-year program.

This agreement is in full compliance with the State of New Jersey's Transfer Policy of September 2007 and the Comprehensive Statewide Transfer Agreement. The terms of this Agreement will take affect with students graduating in May 2013.

The successful implementation of the agreement depends upon communication of its contents to all involved participants and assumptions of responsibility by both institutions for such communication. Periodic reviews and updates are essential. This Agreement may be terminated by either institution with one year notification.

**The Connected Curriculum**

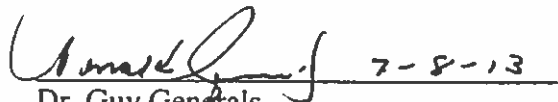
MCCC's A.A.S in Civil Engineering Technology program prepares students for employment in field and office positions with architects, engineers, and government agencies. In addition, the program prepares students to transfer to a baccalaureate degree program. Students develop a strong foundation in mathematics and science, with emphasis on engineering applications and use of the computer as a problem-solving tool. A strong general education curriculum helps students develop communication and analytical skills.

FDU's B.S. in Civil Engineering Technology program prepares students in planning, designing and building infrastructure and facilities. Civil engineering technologists work in areas such as transportation, water systems, utilities, structures, pollution control, surveying, soil mechanics and foundations.

The attached table provides course equivalencies.



Christopher Capuano, Ph.D.  
University Provost and  
Senior Vice President for Academic Affairs  
Fairleigh Dickinson University



Dr. Guy Genetals  
Vice President for Academic Affairs  
Mercer County Community College