

ARTICULATION AGREEMENT
between
MONTGOMERY COUNTY COMMUNITY COLLEGE
and
WIDENER UNIVERSITY
for
ASSOCIATE OF SCIENCE (A.S.) IN ENGINEERING SCIENCE
to
BACHELOR OF SCIENCE (B.S.) IN ENGINEERING* MAJOR
***Chemical, Civil, Electrical, and Mechanical**

Preface

Montgomery County Community College (MCCC) and Widener University enter into this agreement in order to facilitate the transfer of MCCC students who have completed the Associate of Science (A.S.) Degree in Engineering Science into the Bachelor of Science in Engineering (B.S.) Degree at Widener University.

Subject to the terms of this agreement, a student who completes the A.S. in Engineering Science curriculum at MCCC will be assured third year status in the B.S. Degree in Engineering at Widener University. This will generally allow a full-time student to complete the requirements for the B.S. Degree in Engineering within four regular semesters providing the student appropriately schedules and successfully completes (without repeating courses) their remaining courses at Widener University.

Terms and Conditions for Admission to Widener University

1. Students who complete the A.S. in Engineering Science at MCCC as specified in the attached program-to-program (2+2) articulation document will be admitted to Widener University with junior status and are assured credit as indicated. Courses not included in this document will be evaluated by Widener University on a course-by-course basis.
2. Major and major related courses completed at MCCC with a minimum grade of "C".
3. The student must meet all applicable Widener University requirements and deadlines pertaining to application for admission and payment of tuition and fees.
4. The student must achieve a minimum cumulative grade point average of 2.00.
5. Students who apply to Widener University without the A.S. in Engineering Science from MCCC will not be covered by this agreement. For MCCC students who did not graduate with the A.S. in Engineering Science, Widener University will determine appropriate transfer of credit on a course-by-course basis.
6. Students transferring under this agreement will be eligible for financial aid and housing on the same basis as Widener University students.

7. Once at Widener University, students who transfer under the terms of this agreement are responsible for meeting requirements in their major field of study, and any other curriculum requirements applying to all Widener University students, that were in effect at Widener University at the time of their admission to Widener University. These students will abide by the policies and procedures, and any revisions thereof, that apply to all Widener University students.
8. Widener University agrees to waive the application fee pursuant to this agreement.

Obligations of Widener University

Widener University will annually provide MCCC with aggregate data regarding the academic progress of MCCC graduates in the B.S. Degree in Engineering Program at Widener University.

Joint Responsibilities for Maintenance of this Agreement

1. MCCC and Widener University agree to maintain and distribute information about this agreement and any relevant changes to students, counselors and advisors.
2. MCCC and Widener University will assure that the appropriate personnel at their respective institutions are made aware of the agreement, and any revisions thereto, and are encouraged to support it.
3. Both institutions will encourage MCCC students to meet with representatives of Widener University to discuss issues related to admissions, financial aid and transfer of courses well in advance of their expected date of entry.
4. Faculty from each institution teaching in the curriculum for which this agreement has been developed will be encouraged to meet at least once annually to discuss issues of curriculum and student development.

Revision, Renewal and Termination of this Agreement

The Widener University Office of Admission and the appropriate office at MCCC are responsible for identifying and communicating to each other changes in the policies or requirements of their respective institutions that affect this agreement.

This agreement will be in effect as of the date of its signing. It will be reviewed annually by the appropriate parties at each institution, and will be renewed automatically until superseded by a new agreement or formally terminated.

Revisions to the attached program-to-program articulation document may be made with

verbal consent of the representatives of each institution. Whenever possible, Widener University will grandfather students who have followed the previous articulation document. Major changes to this agreement will require signatures from both institutions.

Either institution may terminate this agreement at any time by written notice of at least one (1) year in advance of the effective date of termination. Should this agreement be terminated, it is understood that the termination will not apply to students already accepted to Widener University under the terms of this agreement, but not yet enrolled in classes.

The willingness of both institutions to enter this agreement in order to facilitate the transfer of students from MCCC to Widener University and to expand their opportunities for academic success at Widener University is indicated by the following signatures.

**MONTGOMERY COUNTY COMMUNITY COLLEGE (MCCC) & WIDENER UNIVERSITY
TRANSFER GUIDE FOR ENGINEERING A.S. AT MCCC
TO ENGINEERING* B.S. AT WIDENER UNIVERSITY
*Chemical, Civil, Electrical, or Mechanical**

MCCC COURSE	CRS.	WIDENER EQUIV. COURSE / AREA SATISFIED	CRS.
ENG 101: English Composition	3	ENGL 101: Composition & Critical Thought	3
EGR 111: Engineering Computations	3	ENGR 111: Engineering Techniques	2
MAT 190: Calculus I	4	MATH 141: Calculus I	4
Elective: Art, Foreign Language, Literature, Music or Philosophy	3	Humanities elective	3
PHY 151: Principles of Physics I	4	PHYS 161/163: Physics I / Physics I Laboratory	4
ENG 102 ¹ , 115, or 117: English Writing elective	3	English elective	3
MAT 201: Calculus II	4	MAT 142: Calculus II	4
PHY 152: Principles of Physics II	4	PHYS 162/164: Physics II / Physics Laboratory	4
SPC 110, 120, or 230	3	Social science elective	3
EGR 115: Engineering Graphics	3	ENGR 114 ² : Engineering Graphics & Computer-Aided Design	2
CHE 151: Principles of Chemistry I	4	CHEM 145/147: General Chemistry I / General Chemistry Lab I	4
HIS 103, 105, or 107: History elective	3	Humanities elective	3
MAT 223: Differential Equations	4	MATH 242: Elementary Differential Equations	3
EGR XXX: Engineering Science Elective	4	<i>See suggestions below</i>	3
Elective: Physical Education	2	PE 101: Physical Education	0.5
Elective: Social Science elective	3	Social Science elective	3
HIS: History elective	3	Humanities elective	3
MAT 202: Calculus III	4	MATH 241: Multivariable Calculus	4
EGR XXX: Engineering Science elective	4	<i>See suggestions below</i>	3-5
Elective: Anthropology, Psychology, or Sociology	3	Social Science elective	3
TOTAL MCCC CREDITS	68	TOTAL CREDITS TRANSFERABLE TO ENGINEERING	61.5- 63.5

¹ Widener recommends this course.

² This course will not be useable in the Electrical Engineering curriculum at Widener.

Suggestions for Engineering Science electives:

	MCCC	CRS.	Widener	CRS.
Chemical				
	EGR 203: Engineering Statics	4	ENGR 213: Statics	3
	CHE 261: Organic Chemistry I	4	CHEM 255/257: Organic Chemistry I / Lab	5
Civil				
	EGR 203: Engineering Statics	4	ENGR 213: Statics	3
	EGR 204: Engineering Dynamics	4	ENGR 214: Dynamics	3
Electrical				
	EGR 203: Engineering Statics	4	ENGR 213: Statics	3
	EGR 210: Digital Systems	4	EE 230/232: Logic Design and Lab	4
	EGR 211: Circuits & Devices	4	ENGR 219: Electric Circuits	3
Mechanical				

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EGR 203: Engineering Statics	4	ENGR 213: Statics	3
EGR 204: Engineering Dynamics	4	ENGR 214: Dynamics	3

Note: Students are strongly advised to use this guide with the assistance of an MCCC Counselor/Advisor. The information in this transfer guide may be subject to change. Therefore, students are advised to check periodically with an MCCC Counselor/Advisor in the Student Success Center for up-to-date information. Following this guide does not guarantee the transfer of credit or admission to Widener University.

FOR FURTHER INFORMATION CONTACT:

Courtney H. Kelly
 Associate Director of Admissions
 Widener University
 610-499-4126

MCCC Counselor/Advisor
 Student Success Center
 (215) 641-6577