

ARTICULATION AGREEMENT

FOR A TRANSFER PROGRAM BETWEEN

The School of Design Technology
Miami-Dade Community College

and

The College of Engineering
University of Miami

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This agreement establishes an Engineering Transfer Program in which an undergraduate student will attain an Associates in Arts (AA) degree in pre-engineering from Miami-Dade Community College (MDCC) and then transfer to an engineering program at the College of Engineering, University of Miami (hereinafter referred to as UM CoE). After completing the academic requirements of the two participating institutions, the students will have earned an AA degree in pre-engineering from MDCC and a Bachelor of Science degree in engineering from UM CoE. Students participating in this program may seek a degree from any engineering degree-granting program at UM CoE.

§1. Program of Study

§1.1 Participating students shall complete at MDCC

- an AA degree in pre-engineering
- a minimum of sixty (60) credit hours that include all the specified courses in the Appendix with a grade of C or better in each course for the course to transfer to UM

§1.2 Participating students will be required to complete at UM CoE a program of study, which equals approximately the number of hours required in the junior and senior years of the degree program being sought.

§1.3 The total program shall satisfy all requirements for the degrees sought at MDCC and UM CoE.

§2. Admission

§2.1 MDCC is an open-admissions institution that assesses the holders of a high school diploma (or equivalent) wishing to enter this program and places them into courses on the basis of their academic background and/or demonstrated experience in specific courses. Applicants may be required to participate in the MDCC assessment program.

§2.2 To be admitted to UM CoE in this program a student must

- complete the program of study in §1.1. Submit application materials for evaluation to the Office of Undergraduate Admission at University of Miami; meet the requirements for admission, be accepted, and obtain a positive recommendation from the Director of the School of Design Technology at MDCC.
- attain the same minimum overall Grade Point Average as all other transfers to Engineering programs in the sixty (60) credit hours except for audio engineering which will be handled on a case by case basis.

§3. Program Management and Reporting

§3.1 So as to assure the admission and academic success of participating students, UM CoE and MDCC agree to develop, maintain, and improve continuously a program management and reporting system.

§3.2 Each institution will

- publicize the articulation agreement among its students and faculty.
- appoint a program coordinator to coordinate activities, monitor student progress, and evaluate and improve the program.
- list the program in the appropriate publications and Web-sites of the institution.
- exchange regularly updated copies of their general catalogs and any other publications, which may be helpful in advising students.
- provide timely information about significant changes in the program of study that relate to the preparation of participating students, and
- any other information that UM CoE and MDCC believe helpful to monitor and assure the academic success of participating students.

§3.3 MDCC will

- identify prospective interested student candidates as early as possible and provide a list of those students to UM CoE at the beginning of each academic year.
- provide University of Miami admission requirement information to all prospective MDCC-UM CoE transfer students.

§3.4 UM CoE will

- provide a report to MDCC at the end of each term that includes the record of grades of MDCC transfer students that matriculate at UM CoE if the student so requests and gives permission.
- provide the details of this agreement, through its College of Engineering to any high school applicant who applied to UM CoE yet could not meet the admission standards at the time of his/her application.
- UM CoE will offer five tuition scholarships a year for students transferring from MDCC to UM CoE resulting in the cost being no more than state tuition. The scholarships will be offered to those students accepted to UM CoE, with a minimum overall Grade Point Average of 3.2 in the sixty (60) credit hours and a minimum Grade Point Average of 3.5 in the math and science courses specified in the Appendix.

The tuition scholarships will be provided for a period of two years (four semesters). Students who wish to be considered for this scholarship must apply for financial assistance.

§3.5 The program coordinators from each institution will assess the program annually in collaboration with participating faculty, advisors, and students to continuously improve the program. A report of the assessment and recommendations for improvement will be provided to the Dean of Engineering or designee, and the Director of the School of Design Technology at MDCC.

§4. Termination/Modification

§4.1 This Articulation Agreement is subject to change or modification by mutual written consent between the parties hereto. It is understood and agreed, however, that this Articulation Agreement may be modified unilaterally by UM CoE as may be necessary to bring it within the purview of and in accord with the directives of the Provost of the University of Miami, the Statutes of UM CoE, or the policies of the Board of Trustees of the University of Miami.

§4.2 This Articulation Agreement may be terminated by either party upon written notice to the other party given at least one year in advance of such termination date. In the event that no students from MDCC are admitted to UM CoE for five consecutive academic years, this Articulation Agreement shall automatically terminate at the end of the fifth year. However, in either case, it is understood and agreed that any student participating in the MDCC engineering program specifically tracked for admission to UM CoE or already admitted to UM CoE due to this agreement will be allowed to complete the program notwithstanding the termination provisions above, so long as the student remains in good academic standing and is making measured progress towards completion of a degree program.

Signatures of Responsible Authorities at the Cooperating Institutions:

MIAMI-DADE COMMUNITY COLLEGE

UNIVERSITY OF MIAMI

Signature obscured
for security

1/4/00

Eduardo J. Padrón
President



Signature obscured
for security

2/1/00

Edward T. Foote II
President

Signature obscured
for security

12/4/00

Jeffrey D. Nukenbill
Provost

Signature obscured
for security

2/4/00

Luis Glaser
Executive Vice President and Provost

Signature obscured
for security

1/4/00

Wasim J. Shomar
Director, School of Design Technology

Signature obscured
for security

1/4/00

M. Lewis Temares
Dean, College of Engineering

UNIVERSITY OF MIAMI - COLLEGE OF ENGINEERING
Associate of Arts Pre-Engineering
Curriculum for Miami-Dade Community College Transfer Students

Non-technical Lower Division Credits (21 credits)

Subject Area	Course	Credits
Eng Comp I	ENC 1101	3
Eng Comp II	ENC 1102	3
Humanities I	From Hum Group A	3
Humanities II	From Hum Group B	3
Soc Sci I [#]	Soc Sci Group A	3
Soc Sci II [#]	Soc Sci Group B	3
Literature (Adv. Hum)	LIT 2411	3

Technical Lower Division Credits (35 Credits)

Subject Area	Course	Credits
Calculus I	MAC 2311	4
Calculus II	MAC 2312	4
Diff Equations	MAP 2302	3
Eng Phy I	PHY 2048	3
Phy I Lab	PHY 2048L	1
Eng Phy II	PHY 2049	3
Phy II Lab	PHY 2049L	1
Chemistry I	CHM 1045	3
Chm I Lab	CHM 1045L	1
Intro to Eng	EGS 1001C	3
Engineering Graphics	EGS 1111C	3
Network Analysis	EEL 2111	3
Statics	EGS 2311	3

Humanities - Group A

ARC 2701	History of Architecture 1
ARH 1000	Art Appreciation
HUM 1020	Humanities
MUL 1010	Music Appreciation
PHI 2604	Critical Thinking & Ethics

Humanities - Group B

ARC 2702	History of Architecture 2
ARH 2740	Cinema Appreciation
MUL 2380	Jazz & Popular Music in America
PHI 2010	Introduction to Philosophy

Social Science- Group A

DEP 2000	Human Growth and Development
ISS 1161	The Individual in Society
PPE 1005	Psychology of Personal Effectiveness
PSY 2012	Introduction to Psychology

Social Science- Group B

AMH 2020	History of the United States Since 1877
ANT 2410	Introduction to Cultural Anthropology
ECO 2013	Principles of Economics
ISS 1120	The Social Environment
SYG 2000	Introduction to Sociology
WHO 2022	History of World Civilizations from 1715

Advanced SS/H Class

AML 2011	American Lit. I
AML 2022	American Lit. II
ENL 2021	English Lit. I
ENL 2023	English Lit. II
LIT 2110	Survey of World Literature I
LIT 2120	Survey of World Literature II

**Students are advised to take the following courses
depending on the area in which they are planning to Major**

Architectural Engineering

MAC 2313, EGS 2331, ARC 1301, ARC 1302, ARC 2461

*Architectural Engineers have to take only one Humanities Elective

Civil Engineering & Environmental Engineering

MAC 2313, EGS 2331, One Course from Adv. SS/H

Biomedical Engineering - Premed option

COP1220, CHM 1046/1046L, CHM2210/2210L,

CHM2211/2211L, BSC 2010/2010L,

BSC 2011/2011L

Biomedical Engineering - Electrical option

COP 1220, CHM 1046/1046L, BSC 2010/2010L

Biomedical Engineering - Mechanical option

COP 1220, CHM 1046/1046L, BSC 2010/2010L

EGS 2321, EGS 2331

Electrical Engineering, Computer Engineering, & Information Technology

MAS 2103, COP 1220

Industrial Engineering & Manufacturing Engineering

MAS 2103

*Industrial & Manufacturing Engineers have to take only
one Humanities Elective

#Industrial Engineers have to take ECO 2013 & ECO 2023 as
their Social Science Electives

Mechanical Engineering

MAC 2313, EGS 2321, EGS 2331