

VaughnCollege
of aeronautics and technology

MERCER
County Community College

**ARTICULATION AGREEMENT Between
MERCER COUNTY COMMUNITY COLLEGE (AAS-Electrical Technology)
and
VAUGHN COLLEGE OF AERONAUTICS AND TECHNOLOGY (BSET-General Electronics)**

Section One: Objectives of the Agreement

The purpose of this agreement between Mercer County Community College and Vaughn College is:

- * to promote easy and efficient transfer of Associate Degree graduates from Mercer County Community College to Vaughn College;
- * to provide information about junior and senior year requirements to students and advisors at Mercer County Community College;
- * to attract qualified students to Mercer County Community College and Vaughn College;
- * to facilitate communication between chairpersons, program directors, and Deans at Mercer County Community College and their counterparts at Vaughn College.

Section Two: Transfer Agreement

This agreement stipulates:

- 1) Associate's Degree graduates of Mercer County Community College, who satisfy the minimum GPA requirements (C or better) will be admitted into the BSET General Electronics program at Vaughn College, and will be deemed to have satisfied Vaughn College's core and proficiency requirements as specified in the attached template.
- 2) Courses transferred will receive full credit awarded by Vaughn College as shown in the accompanying table.
- 3) Associate's Degree graduates admitted under this agreement into Vaughn College will normally be able to complete the requirements for a Bachelor's Degree in four semesters of full-time work if the attached template is followed.
- 4) Upon transferring to Vaughn College, qualified Mercer County Community College graduates will be awarded up to a maximum of 57/58 credits, subject to Vaughn College's specific program and/or institutional requirements. Vaughn commits to dedicating specific scholarships to Mercer County Community College to those students accepted through this articulation agreement. Vaughn will provide a minimum of \$3000/yr. scholarship to Mercer County Community College students accepted through this articulation agreement who have achieved a 3.0 average or better. Vaughn will offer additional funds to those students who demonstrate high academic achievement.

5) Associate's Degree graduates transferring into the BSET General Electronics program at Vaughn College will, whenever possible, be provided with a projected junior and senior year schedule listing specific major requirements and upper-level general education requirements to be completed.

6) Chairpersons, program directors and/or appropriate Deans at Mercer County Community College and at Vaughn College will be responsible for notifying their counterparts of any program changes that might affect the transfer process. This agreement shall be subject to review and renewal every five years.

7) Mercer County Community College and Vaughn College will disseminate information about the articulation agreement and include information about the agreement in appropriate college publications. Vaughn College will provide transfer counselors and advisors at Mercer County Community College with information concerning transfer opportunities for students wishing to attend Vaughn.

Mercer County Comm College	Vaughn College	Credits
<i>AAS Electrical Engineering Technology</i>	<i>BSET General Electronics</i>	
<i>Course Number and Title</i>	<i>Course Number and Title</i>	
Major Courses		
EET 138 Introduction to Electronics I (4)	EET-115 Electrical Circuits 1	3
EET 139 Introduction to Electronics II (4)	EET-116 Electrical Circuits 2	3
EET 219 Electronic Networks (4)	EET-220 Electronic Circuits	3
EET 140 Electronic Construction (2)	EET-210 Electronic Lab Practices	2
EET 251 Digital Circuit Fundamentals (4)	EET-125 Digital Electronics	3
EET 263 Digital Tech – Intro to Microprocessors (4)	EET-326 Microprocessors	3
	EET-230 Principles of Communication Systems	3
EET 214 Communications Electronics (4)	Technical Elective	3
EET 215 Fiber Optics (4)	CDE 117 Eng Graphics/CAD	2 or 3
DRA 190 Intro to CAD * (2)	Freshman Year Initiatives	3
Math and Science		
MAT 146 Pre-Calculus (4)	MAT-115 Pre-Calculus	4
PHY 101 Physics I (4)	PHY-120 Physics 1	4
PHY 102 Physics II (4)	PHY-220 Physics 2	4
MAT 151 Calculus I (4)	MAT-120 Calculus 1	4
MAT-152 Calculus 2 * (4)	MAT-220 Calculus 2	4
MAT-201 Prob and Statistics (4)	Math Elective	3
English and Social Sciences		
ENG 101 English Composition I (3)	ENG-110 English 1	3
ENG 102 English Composition II (3)	ENG-120 English 2	3
	Total Credits	57 / 58

* Additional Courses to be taken at Mercer or Vaughn College prior to the 5th semester

Suggested course sequence for Mercer students after transferring to Vaughn College

SEMESTER V

POL-254 American Government	3	0	3
EET345 Computer Control of Instruments (Lab View Programming)	2	1	3
EET240 Pulse Circuits	2	1	3
MAT445 Differential Equations	3	0	3
CDE385 CATIA Fundamentals	2	1	3
ILT-101 Information Literacy	1	0	1
ENG-210 World Literature	3	0	3
Semester total	16	3	19

SEMESTER VII

HUM472 Practical Ethics	3	0	3
EET-445 Principles of Comm Networks	3	0	3
EGR380 Eng Project Management	3	0	3
Science Elective	3	0	3
ENG220 American Literature	3	0	3
HIS141 Global Civilization	3	0	3
Semester total	18	0	18

SEMESTER VI

CDE386 CATIA for wiring and harnessing	2	1	3
EET355 Advanced Microprocessors and Peripherals	2	1	3
EGR460 Engineering Economics	3	0	3
EGR235 Mat. Science & Composites	3	0	3
PHY335 Physics 3/Optics	3	0	3
EET350 Control Systems	3	0	3
Semester total	16	2	18

SEMESTER VIII

ENG290 Public Speaking	3	0	3
EET475 Reliability and Maintainability	3	0	3
Liberal Arts Elective	3	0	3
EET409 Internship/Project	3	0	3
ENG240 Technical Writing	3	0	3
Semester total	15	0	15

Signed,

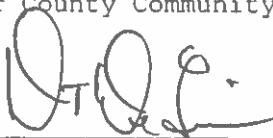
Dr. Jianping Wang
President
Mercer County Community College



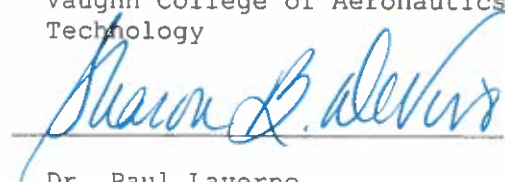
Dr. Winston Maddox
Dean of Business and Technology
Mercer County Community College



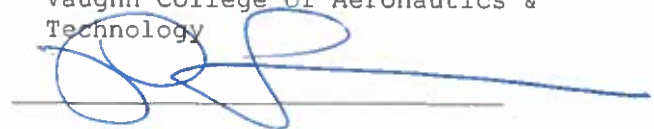
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Dr. Sharon B. DeVivo
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