ACADEMIC PROGRAM ARTICULATION AGREEMENT BETWEEN POTOMAC STATE COLLEGE OF WEST VIRGINIA UNIVERSITY AND FROSTBURG STATE UNIVERSITY REGARDING TRANSFER FROM ASSOCIATE OF SCIENCE IN MECHANICAL ENGINEERING TO BACHELOR OF SCIENCE IN ENGINEERING

This Academic Program Articulation Agreement ("Agreement") is entered into by and between Potomac State College of West Virginia University (the "Sending Institution") and Frostburg State University (the "Receiving Institution") (collectively, the "Institutions") to facilitate the transfer of academic credits from Associate of Science in Mechanical Engineering, CIP code 140101 at Potomac State College for the completion of a Bachelor of Science in Engineering, HEGIS 090100 and CIP code 140101 at Frostburg State University (the "Program(s)").

A. Qualifying Students

This Agreement pertains to the transfer of "Qualifying Students", *i.e.*, those students who:
1. Have successfully completed the program at the Sending Institution;
2. Are enrolled in the Sending Institution, in good standing; and
3. Are accepted for admission to the Receiving Institution

B. Responsibilities of the Institutions

The Institutions agree to implement the transfer of Qualifying Students in accordance with applicable law and the following requirements and protocols:

1. A Qualifying Student may transfer from the Transferring Institution into the Receiving Institution for the completion of the Program.

2. Courses that the Receiving School will accept credits for towards completion of the Program include:

Sending Institution Course			**Receiving Institution Comparable Course**			
Course Number	**Course Name**	**Credits**	**Course Number**	**Course Name**	**Credits**	**Applied to***
CHEM 115 and 115L	Fundamentals of Chemistry 1 and Lab	4.0	CHEM 201	General Chemistry I	4.0	GEP Group C
ECON 201	Principles of Microeconomics	3.0	ECON 202	Principles of Economics (Micro)	3.0	GEP Group D
EE 221/221L	Introduction to Electrical Engineering and Lab	4.0	ENME 350	Electronics and Instrumentation I	3.0	Major (ME); Elective (EE)

EE 223/223L	Electrical Circuits and Laboratory	4.0	ENEE 204	Basic Circuit Theory	4.0	Major (EE); Elective (ME)
ENGL 101	Introduction to Composition and Rhetoric	3.0	ENGL 101	First-Year Composition	3.0	GEP Core
ENGL 102	Composition, Rhetoric, and Research	3.0	ENGL 195	Lower-level elective	3.0	General elective
ENGR 101	Engineering Problem Solving 1	2.0	ENES 100	Introduction to Engineering Design	3.0	Major
ENGR 102	Engineering Problem Solving 2	3.0	ENES 195	Lower-level elective	3.0	General elective
ENGR 191	First-Year Seminar	1.0	ORIE 101	Introduction to Higher Education	1.0	General elective
MAE 241	Statics	3.0	ENES 102	Statics	3.0	Major
MAE 242	Dynamics	3.0	ENES 221	Dynamics	3.0	Major
MAE 243	Mechanics of Materials	3.0	ENES 220	Mechanics of Materials	3.0	Major
MATH 155	Calculus I	4.0	MATH 236	Calculus I	4.0	GEP Core and Major
MATH 156	Calculus II	4.0	MATH 237	Calculus II	4.0	Major
MATH 251	Multivariable Calculus	4.0	MATH 238	Calculus III	4.0	Major
MATH 261	Elementary Differential Equations	4.0	MATH 432	Differential Equations	3.0	Major
PHYS 111/111L	General Physics 1 and Laboratory	4.0	PHYS 261	Principles of Physics I	4.0	GEP Group C and Major
PHYS 112/112L	General Physics 2 and Laboratory	4.0	PHYS 262	Principles of Physics II	4.0	Major

3. [Insert any additional pertinent provisions regarding the transfer of credits, e.g., residency requirements at the Receiving Institution.]

4. The Receiving Institution shall designate, and shall provide to the Sending Institution, the contact information for a staff person at the Receiving Institution who is responsible for the oversight of the transfer of Qualifying Students. The Sending Institution shall designate, and shall provide to the Receiving Institution, the contact information for a staff person at the Sending Institution who is responsible for the oversight of the transfer of Qualifying Students.

	Sending Institution	Receiving Institution
Name of staff person responsible for oversight	Vicki Huffman, PhD	Dr. Linda Steele
Title of staff person	Associate Dean of Academic Affairs	Transfer and Articulation Coordinator
Email address	vicki.huffman@mail.wvu.edu	lsteele@frostburg.edu

Telephone Number	304-788-6971	301-687-4137

Should the staff person or position change, the institution will promptly provide new contact information to the partner institution and inform the Maryland Higher Education Commission of the change.

Additional contact information:

[Role & Responsibilities of persons listed here]	Sending Institution	Receiving Institution
Name of person	Erin Cunningham	Dr. Jamil Abdo
Title of person	STEM Division Chair	Chair of Engineering
Email address	erin.cunningham@mail.wvu.edu	jabdo@frostburg.edu
Telephone Number	304-788-6992	301-687-4298

5. If the Qualifying Student is using federal Title 38 VA Education Benefits (GI Bill® Education Benefits), the Institutions shall adhere to all applicable U.S. Department of Veterans Affairs' regulations, including the regulations governing the awarding prior credit, as regulated under Title 38, Code of Federal Regulations, Sections 21.4253(d)(3) and 21.4254(c)(4).

6. Each Institution shall adhere to all applicable transfer requirements set forth in the Annotated Code of Maryland and the Code of Maryland Regulations.

7. Each Institution shall advise students regarding transfer opportunities under this Agreement, and shall advise students of financial aid opportunities and implications associated with the transfer.

8. Should either Institution make changes to program requirements, the institution will inform the partner institution immediately. The articulation agreement should be updated to reflect the changes and forwarded to the Maryland Higher Education Commission.

C. Term and Termination

1. This agreement shall be effective on the date that it is signed by the appropriate and authorized representatives of each Institution.

2. Either Institution may, at its sole discretion, terminate this Agreement upon delivering 90 days written notice to the other Institution and the Maryland Higher Education Commission.

3. Both Institutions agree to meet once every year to review the terms of this agreement.

D. Amendment

1. This Agreement constitutes the entire understanding and agreement of the Institutions with respect to their rights and obligations in carrying out the terms of the Agreement, and supersedes any prior or contemporaneous agreements or understandings.

2. This Agreement may be modified only by written amendment executed by both Institutions.

E. Governing Law

This Agreement shall be governed by, and construed in accordance with, the laws of the State of Maryland.

F. Counterparts

This Agreement may be executed in counterparts, each of which shall be deemed to be an original, but all of which, taken together, shall constitute one and the same agreement.

G. Notice of Agreement

1. The Institutions agree to provide a copy of this Agreement, with any amendments, to the Maryland Higher Education Commission.

2. The Institutions agree to provide copies of this Agreement to all relevant individuals and departments of the Institutions, including but not limited to students, academic department chairs participating in the transfer, offices of the president, registrar's offices, and financial aid offices.

H. No Third-Party Beneficiaries

There are no third-party beneficiaries to this Agreement.

I. Representations and Warranties of the Parties

Both Institutions represent and warrant that the following shall be true and correct as of the Effective Date of this Agreement, and shall continue to be true and correct during the term of this Agreement:

1. The Institutions are and shall remain in compliance with all applicable federal, state, and local statutes, laws, ordinances, and regulations relating to this Agreement, as amended from time to time.

2. Each Institution has taken all action necessary for the approval and execution of this Agreement.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their duly authorized representatives.

West Virginia University -Potomac State College

By: _____
Paul Kreider, D.M.A.
Interim Campus President

7-30-2024
Date

_____
Phillip D. Douthitt, M.B.A.
Dean of Academic Affairs

7-30-2024
Date

Frostburg State University

By: _____
Ronald Nowaczyk, Ph.D.
President

12/10/24
Date

_____
Lawrence Weill, Ph.D.
Interim Provost

12/2/24
Date

Community College Transfer Guide

FROSTBURG STATE UNIVERSITY

TRANSFER GUIDE | **A.S. in Electrical Engineering** | **B.S. in Engineering - Electrical Concentration**

This transfer guide is intended for Potomac State College of West Virginia University students pursuing an Associate of Science in Electrical Engineering. It demonstrates how a student can meet both requirements for the associates degree and prepare for a seamless transfer to Frostburg State University's B.S. in Engineering with an Electrical concentration.

Career Pathway:

Electrical Engineers develop innovative solutions and work with technology in a wide variety of applicable fields, such as computer networking and telecommunications. Our graduates are highly sought out and employed by companies such as the National Security Agency, Northrop Grumman, Phenix Technologies, and other U.S. Government agencies.

Frostburg Notes:

A grade of C or better is required in all physics and calculus courses. Frostburg State University accepts up to 70 credits from community college.

YEAR 1 - COMMUNITY COLLEGE					
FALL	**Frostburg Equivalent**	**CREDITS**	**SPRING**	**Frostburg Equivalent**	**CREDITS**
ENGR 101- Engineering Problem Solving	ENES 100	3	ENGR 102 - Engineering Problem Solving 2	ENES 195	3
MATH 155- Calculus 1	MATH 236	4	MATH 156 - Calculus 2	MATH 237	4
CHEM 115 and 115L - Fundamentals of	CHEM 201	4	PHYS 111/111L General Physics 1 & Lab	PHYS 261	4
ECON 201 - Principals of Macroeconomics	ECON 202	3	ENGL 101 - Intro to Composition & Rhetoric	ENGL 101	3
ENGR 191 - First-Year Seminar	ORIE 101	1			
TOTAL CREDITS		15	**TOTAL CREDITS**		14

YEAR 2 - COMMUNITY COLLEGE					
FALL	**Frostburg Equivalent**	**CREDITS**	**SPRING**	**Frostburg Equivalent**	**CREDITS**
MATH 251 - Multivariable Calculus	MATH 238	4	ENGL 102 - Composition, Rhetoric, & Research	ENGL 195	3
PHYS 112/112L - General Physics 2 & Lab	PHYS 262	4	MATH 261 - Elementary Differential Equations	MATH 432	3
CPE 271 - Intro to Digital Logic Design	ENEE 244	3	EE 223/223L - Electrical Circuits & Lab	ENEE 204/206	4
EE 221/221L - Intro to Electrical Engineering	ENME 350	4	GEF Elective - Global Studies & Div.		3
MAE 241 - Statics	ENES 102	3			
TOTAL CREDITS		18	**TOTAL CREDITS**		14

YEAR 3 - FROSTBURG STATE UNIVERSITY			
FALL	**CREDITS**	**SPRING**	**CREDITS**
ENEE 303 - Analog & Digitial Electronics	3	ENEE 445 - Communication Systems	4
ENEE 307 - Electronics Circuits Design	2	ENES 401 - Energy Engineering	3
ENEE 322 - Signal & System Theory	3	GEP Fine & Performing Arts	3
ENES 310 - Mechatronic and Robotic Design	3	GEP Humanities	3
PHYS 263 Principles of Physics III	4	Engineering Elective (1 of 1)	3
TOTAL CREDITS	15	**TOTAL CREDITS**	16

YEAR 4 - FROSTBURG STATE UNIVERSITY			
FALL	**CREDITS**	**SPRING**	**CREDITS**
ENEE 350 - Computer Organization	3	ENEE 408 - Capstone	3
ENEE 481 - Project Development	3	ENEE 439 - Signal Processing	3
ENGL 3xx - Advanced Writing	3	ENEE 475 - Power Electronics	3
ENEE 380 - Electromagnetic Theory	3	GEP Humanities	3
Engineering Elective (2 of 2)	3	GEP Social Science	3
TOTAL CREDITS	15	**TOTAL CREDITS**	15

Academic School Year - 2024-2025

Community College Transfer Guide

FROSTBURG STATE UNIVERSITY

TRANSFER GUIDE | **A.S. in Mechanical Engineering** | **B.S. in Engineering - Materials Concentration**

This transfer guide is intended for Potomac State College of West Virginia University students pursuing an Associate of Science in Mechanical Engineering. It demonstrates how a student can meet both requirements for the associates degree and prepare for a seamless transfer to Frostburg State University's B.S. in Engineering with a Materials concentration.

Career Pathway:

Materials engineers develop, process, and test materials used to create a wide range of products. Our graduates are highly sought out and employed by companies such as U.S. Office of Naval intelligence, U.S. Bureau of Engraving and Printing, Huntington Ingalls Industries, and Northrop Grumman.

Frostburg Notes:

A grade of C or better is required in all calculus and physics courses.

Frostburg State University accepts up to 70 credits from community college.

YEAR 1 - COMMUNITY COLLEGE					
FALL	**Frostburg Equivalent**	**CREDITS**	**SPRING**	**Frostburg Equivalent**	**CREDITS**
ENGL 101 - Intro to Comp & Rhetoric	ENGL 101	3	ENGL 102 - Comp, Rhetoric, & Research	ENGL 195	3
ENGR 101 - Engineering Problem Solving 1	ENES 100	3	ENGR 102 - Engineering Problem-Solving 2	ENES 195	3
CHEM 115/115L Fundamentals of CHEM 1 &	CHEM 201	4	MATH 156 - Calculus 2	MATH 237	4
MATH 155 - Calculus 1	MATH 236	4	PHYS 111/111L - General Physics & Lab	PHYS 261	4
ENGR 191 - First-Year Seminar	ORIE 101	1	MT - Intro to Computer Aided Design	ENME 272	2
TOTAL CREDITS		15	TOTAL CREDITS		16
YEAR 2 - COMMUNITY COLLEGE					
FALL	**Frostburg Equivalent**	**CREDITS**	**SPRING**	**Frostburg Equivalent**	**CREDITS**
EE 221/221L - Intro to Electrical Engineering	ENME 350	4	ECON 201 - Principals of Macroeconomics	ECON 202	3
MAE 241 - Statics	ENES 102	3	MAE 242 - Dynamics	ENES 221	3
MATH 251 - Multivariable Calculus	MATH 238	4	MAE 243 - Mechanics of Materials	ENES 220	3
PHYS 112/112L - General Physics 2 & Lab	PHYS 262	4	MATH 261 - Elementary Differential Equations	MATH 432	4
			GEF Elective - Social Science		3
TOTAL CREDITS		15	TOTAL CREDITS		16
YEAR 3 - FROSTBURG STATE UNIVERSITY					
FALL		**CREDITS**	**SPRING**		**CREDITS**
IDIS 150 - First-Year FSU Colloquia		3	ENME 271 - Numerical Methods		3
PHYS 263 Principles of Physics III		4	ENME 232 - Thermodynamics		3
ENGL 3xx - Advanced Writing		3	ENME 382 Engr. Materials and Manufacturing Processes		3
GEP Humanities		3	ENME 351 - Electro & Instruments II		3
GEP Identity & Difference		3	ENES 401 - Energy Engineering		3
TOTAL CREDITS		16	TOTAL CREDITS		15
YEAR 4 - FROSTBURG STATE UNIVERSITY					
FALL		**CREDITS**	**SPRING**		**CREDITS**
ENME 481 - Project Development		3	ENME 410 - Capstone Design		3
ENME 331 Fluid Mechanics		3	ENME 425 - Microfabrication		3
ENME 405 - Materials Engineering		3	GEP Fine and Performing Arts		3
Engineering Elective (1 of 2)		3	Engineering Elective (2 of 2)		3
GEP Social Science		3	ENME 332 Transfer Processes		3
TOTAL CREDITS		15	TOTAL CREDITS		15

Academic School Year - 2024-2025