

Articulation Between Penn State Berks-Lehigh Valley College,
The School of Engineering Technology and Commonwealth Engineering, and
the Business and Technology Division of Northampton Community College

This agreement is between:

The Pennsylvania State University Berks-Lehigh Valley College
and
The Penn State School of Engineering Technology and Commonwealth Engineering
(SETCE)
and
the Business and Technology Division of Northampton Community College

The University, the SETCE, and Northampton Community College (NCC) wish to set forth the conditions upon which the University will consider graduates of the Associate in Applied Science in Electronics Technology (ELEC) program at NCC for admission into the University's 2+2 baccalaureate degree program in Electro-Mechanical Engineering Technology (BS EMET). This document sets forth those conditions, which the parties hereby agree are the following:

1. NCC agrees that this document applies only to the ELEC program as it is currently constituted and delivered at the Main Campus of NCC as of the 1996-1997 academic year.
2. NCC will promptly notify the University and the SETCE upon any substantive curriculum modification to the ELEC program, and further agrees that the terms of this agreement will no longer hold unless the University, via the SETCE, provides a written approval that the curriculum changes do not alter the intent of this agreement.
3. The University agrees that graduates from the ELEC program meet the admissions standards of the BS EMET program given that they satisfy the following conditions:
 - Cumulative GPA (4-point system) at the time of graduation of 2.75 or greater.
 - Successful completion of the following courses with a grade of "C" or better:

Standard Courses in the ELEC Curriculum

•CMTH 102	Speech Communication	3 credits
•ELEC 115	Circuit Analysis I	3 credits
•ELEC 116	Circuit Analysis II	3 credits
•ELEC 126	Digital Electronics	3 credits
•ELEC 202	Solid State Devices and Circuits	4 credits
•ELEC 220	Project I	2 credits
•ELEC 226	Microprocessors I	3 credits

•ELEC 230	Project II	2 credits
•ELEC 232	Integrated Circuits	3 credits
•Electronics Elective		3 credits
•ENGG 100	Engineering and Electrical Graphics	4 credits
•ENGG 110	Introduction to Engineering	3 credits
•ENGG 241	Quality Control	3 credits
•ENGL 101	English I	3 credits
•*ENGL 151	English II	3 credits
•MATH 125	Technical Math I	3 credits
or MATH 140	College Algebra	
•MATH 126	Technical Math II	3 credits
or MATH 145	Trigonometry	
•PHYS 101	Physics I	4 credits
•General Education Elective		3 credits
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Suggested General Education Electives:

Students interested in enrolling in the BS EMET program should enroll in one course from each of the following three clusters:

Social and Behavioral Sciences: CJST 121, ECON 201, ECON 251, HIST 167, POLS 110, POLS 201, POLS 203, PSYC 101, PSYC 103, PSYC 163, SOCA 100, SOCA 102, SOCA 103, SOCA 204.

Humanities: ENGL 203, ENGL 265, GEOG 121, HIST 113, HIST 163, INTS 101, PHIL 121, PHIL 202.

Arts: ARTA 101, CMTH 110, MUSC 101, SPTH 110.

**Students completing technical report writing option of ENGL 151 may request permission to substitute the course for ENGL 202C (Effective Writing: Technical Writing) at Penn State. English 202C is required of all BS EMET majors.*

Additional or Substitute Courses in the ELEC Curriculum

•ENGG 201	Statics	3 credits
•ENGG 213	Statics and Strength of Materials	3 credits
•ENGG 223	Design Mechanics	3 credits
•PHYS 151	Physics II	4 credits
•At least four (4) additional credits of math through the equivalent of the University's first engineering calculus course (MATH 140).		

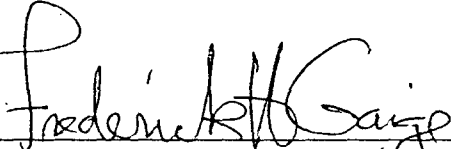
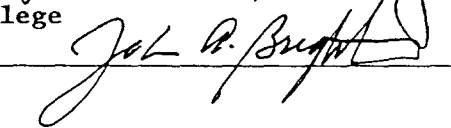
Additional University Courses

•EET 213W	Fundamentals of Electrical Machines	5 credits
<i>(May be substituted by EMET 321: Electrical Machines)</i>		

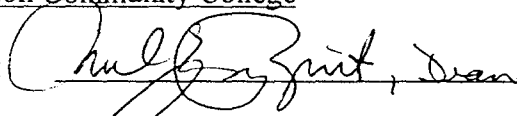
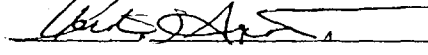
4. The University and the SETCE agree that meeting of the above admissions standards by students of the ELEC program DOES NOT guarantee admission to the BS EMET program. Admissions will be based on the total number of applicants to the BS EMET program who meet the admissions standards. Graduates of the ELEC program who meet the requirements stated above will be included in this candidate pool.
5. NCC will be provided with information about the BS EMET program of study, including conditions for admission into this program and changes in the curriculum, should they occur.
6. The terms of this agreement shall remain in effect, except as stipulated in certain previous terms listed herein, until terminated by either party. Any party may terminate the agreement, with or without cause, on the provision of 120 days written notice to the other parties.
7. This agreement constitutes the entire agreement and terms of understanding among the parties named herein and supersedes any prior agreements or understandings among the parties.

The University, the SETCE, and NCC have entered this agreement on the date indicated and witnessed by the signatures below:

The Pennsylvania State University

By: Dean		Date: <u>1/21/98</u>
Berks-Lehigh Valley College		Date: <u>6-12-98</u>
Provost		

Northampton Community College

By:  Dean	Date: <u>12-23-97</u>
By: 	Date: <u>12-25-97</u>
By: _____	Date: <u>1/20/98</u>