

PENNSYLVANIA COLLEGE OF TECHNOLOGY

A.A.S. Degree in Electronics

Communications / Fiber Optics (CF) Emphasis

Revised Curriculum, Effective Fall 1994

Number	Course Title	Credits	Hours/Week
First Semester:			
EET 110/111	DC-AC Basics / Measurements	3/1	3/3
EET 112/113	Solid State Devices Intro / Applications	3/1	3/3
EET 114/115	Digital Electronics Intro / Circuit Applic	3/1	3/3
ENL 111	English Composition I	3	3
MTH 180	College Algebra and Trigonometry I	<u>3</u>	<u>3</u>
		18	24
Second Semester:			
EET 150/151	DC-AC Circuit Analysis / Adv Applications	3/1	3/3
EET 152/153	Intermediate Solid State Devices / Applic	3/1	3/3
EET 154/155	Intro to Microprocessors / Applications I	3/1	3/3
ENL 201 <i>or</i> 121	English Composition II <i>or</i> Tech Writing	3	3
MTH 182	College Algebra and Trigonometry II	<u>3</u>	<u>3</u>
		18	24
Third Semester:			
EET 202/203	Microprocessor Interfacing / Applications II	3/1	3/3
EET 280/281	Analog Communications Theory / Lab	3/1	3/3
EET 282/283	Digital Communications Theory / Lab	3/1	3/3
FTT	Fitness and Lifetime Sports	1	2
	Elective - Science	<u>3</u>	<u>3</u>
		16	23
Fourth Semester:			
EET 204/205	Network Installation & Maintenance / Lab		
<i>or</i>			
EET 230/231	Laser Optic Devices & Systems / Applic	3/1	3/3
EET 284/285	Microwave Communications Theory / Lab	3/1	3/3
EET 286/287	Optical Communications Theory / Lab	3/1	3/3
	Elective - Humanities / Social Science	<u>3</u>	<u>3</u>
		15	21

Total: 67 Credits; 92 Hrs/Week x 16 Weeks/Semester = 1472 Hours of Instruction