

**PENNSYLVANIA COLLEGE OF TECHNOLOGY**  
**A.A.S. Degree in Electronics**  
**Communications / Fiber Optics (CF) Emphasis**  
 Revised Curriculum, Effective Fall 1994

<u>Number</u>	<u>Course Title</u>	<u>Credits</u>	<u>Hours/Week</u>
<b>First Semester:</b>			
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
<b>Second Semester:</b>			
EET 150/151	DC-AC Circuit Analysis / Adv Applic	3/1	3/3
EET 152/153	Intermed Solid State Devices / Applications	3/1	3/3
EET 154/155	Intro to Microprocessors / Applic I	3/1	3/3
ENL 201 <i>or</i> 121	English Comp I <i>or</i> Tech Writing	3	3
MTH 182	College Algebra and Trigonometry II	<u>3</u>	<u>3</u>
		18	24
<b>Third Semester:</b>			
EET 202/203	Intro to Microprocessors / Applic 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
FIT	Fitness and Lifetime Sports	1	2
	Elective – Science	<u>3</u>	<u>3</u>
		16	23
<b>Fourth Semester:</b>			
EET 204/205 <i>or</i>	Network Installation and Maintenance		
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**