

## Associate of Applied Science in Engineering Technology: Electronics Emphasis Worksheet & Pre-requisites— 2015-16

Course #	Course title	CR	Of'd	Pre-requisites
<b>CORE *see also GEN ED</b>				
Math 1060	Trigonometry	3	F/S/M	ACT 23 OR C IN MATH 1010
EET 2700 (in lieu of TECH 3000)	Circuit Analysis II	3		EET 1700 & MATH 1210
<b>Electronics Emphasis — 23 hours</b>				
CSIS 1400	Fundamentals of Programming	3		C or better in MATH 1050
EET 1700	Circuit Analysis I	3		pre/co-req: MATH 1050
EET 1730	Electronic Devices I	3		EET 2700
EET 2710	Electronic Devices II	3		EET 1730 or equivalent
EET 2760	Industrial Control Systems	3		
EET 2780	Digital Electronics I	3		MATH 1050 EET 1700
EET 3720	Communication Circuits	3		EET 2710 & EET 3710
EET 3780	Applications of Microprocessors	3		EET 2780
<b>Recommended Electives — 9 hours</b>				
EET 2750	PC Hardware	3	F/S	
EET 3080	Digital Electronics II	3		EET 2710 & 2780
EET 3710	Op-Amps and Linear Integrated Circuits	3		MATH 1210, EET 2710 & 2780
EET 3760	Electronic Design and Fabrication	3		
EET 3790	Computer Interfacing	3		EET 2780
<b>GENERAL EDUCATION</b>				
ENGL 1010	Intro to Academic Writing – <b>required</b>	3		
MATH 1050	College Algebra – <b>required</b>	4		
LM 1010	Information Literacy – <b>required</b>	1		
CSIS 1000	Intro to Computer Apps & Internet — <b>required</b>	3		
American Institutions: HIST 1700 or POLS 1100 or ECON 1740	Must choose one - <b>required</b>	3		
	<i>AAS students need courses in 2 Know Areas</i>			
FINE ARTS:		3		
HUMANITIES: HSS 1120	Introduction to Diversity – recommended**	3		
SOCIAL SCIENCE		3		
LIFE SCIENCE		3/4		
PHYS. SCI.: PHYS 2010/15	College Physics I & lab –recommended**	3/1		MATH 1060

\*\*HHS 1120 and PHYS 2010/2015 are required in the 4 year degree. That is why they are recommended in the AAS for those GE Knowledge Areas