

Consortium: South Texas

Program: CET-Biomedical Electronics Technology A.A.S./470104

HIGH SCHOOL					COLLEGE			
Subject	Freshman	Sophomore	Junior	Senior	Freshman		Sophomore	
English (4)	English I	English II	English III	<i>English IV (D)</i>	First Semester	Second Semester	First Semester	Second Semester
Math (3)	Algebra I	Geometry	Algebra II	<i>Pre-Calculus (D)</i>	CETT 1409 DC-AC Circuits	CETT 1429 Solid State Devices	CPMT 1447 Computer System Peripherals	CPMT 2445 Computer System Troubleshooting
Science (3)	Integrated Physics & Chemistry	Chemistry	Physics	<i>Biology (D)</i>	CETT 1425 Digital Fundamental	CETT 1449 Digital Systems	CPMT 1449 Computer Networking Technology	BIOM 2331 Biomedical Clinical Instrumentation
Social Studies (3.5)	World Geography	World History	<i>U.S. History (D)</i>	<i>Government (D)</i>	CETT 1445 Microprocessor	<i>CPMT 1403 Intro to Computer Technology (TP)</i>	BIOM 1309 Appl. Biomedical Equipment Technology	<i>Social & Behavioral Science Elective (D)</i>
Economics (0.5)				<i>Economics (D)</i>	<i>Math Elective (D)</i>	<i>CPMT 1411 Intro to Computer Maintenance (TP)</i>	<i>Science Elective (D)</i>	CETT 2281 Cooperative Education Computer Engineering Technology/ Technician
Languages (2)	Foreign Language I	Foreign Language II			Summer Sessions I & II			
Health (0.5)		Health			CETT 1341 Solid State Circuits			
Fine Arts (1)				<i>Psychology (D)</i>	<i>ENGL 1301 Composition I (D)</i>			
Physical Education (1.5)	Physical Education	Physical Education	Physical Education		Humanities/Fine Arts Elective			
Speech (0.5)				<i>Speech (D)</i>				
Technology Applications (1)	Keyboarding 12011500	BCIS I & II 12031300						
Electives (3.5)			Intro. to Computer Maintenance 12534504 (CPMT 1411) (TP)	Basic Computer Technology 12534704 or N1295008 (CPMT 1403) (TP)			(D) Dual Enrollment (TP) Tech Prep <i>The Career clusters icons above are used with permission of the State's Career Clusters Initiative, 2007</i>	

High School Graduation Plan: It is recommended that the student complete 3 ½ credits in a coherent sequence; this includes Tech Prep articulated courses. *The credit for Technology Applications may be satisfied by BCIS II, other, or I approved computer applications courses.