

DR. LEO G. CIGARROA PATHWAYS TO TECHNOLOGY EARLY COLLEGE HIGH SCHOOL CROSSWALK

Grade Level	English 4 Credits	Math 4 credits	Science 4 Credits	Social Studies 3 Credits	LOTE 2 Credits	PE/Elective 1 Credit	Fine Arts/Computer Applications 1 Credit	Elective	CTE Electives	College Hours
9 th Grade	English I	ALG I	Biology	World History	Spanish I	PE/Elective KINE 1304 (Dual)	ART I	Health/Speech	Principles of Construction/ Agriculture	3 Hours
10 th Grade	English II	Geometry	Chemistry	US History	Spanish II	Elective	BIM COSC 1301 (Dual)	Precision Metal Manufacturing I WLDG 1425 WLDG 1428	Precision Metal Manufacturing II WLDG 1407 WLDG 1417	19 Hours
11 th Grade	English 3	ALG 2	Physics	Government Economics		College Transition Elective		Electrical Technology I HVAC I HART 1407 HART 2438	HVAC II HART 1401 MAIR 1449	16 Hours
12 th Grade	College Prep ELA	College Prep Math	Scientific Research and Design ELPT 1321			Elective Construction Management I*		Electrical Technology II ELPT 1325 ELPT 1311	Construction Tech II RBPT 2345 ELPT 1429	16 Hours
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Students will complete 3 One Semester Dual Enrollment Workforce Certificates:

Welding Certificate, Electrician Helper Certificate, and HVAC Technician Helper

*Students will attempt certificates for TEA Accountability Certificates NCCER Core, Welding, HVAC during Construction Management Courses.