



LOPEZ EARLY COLLEGE HIGH SCHOOL
CTE PROGRAMS OF STUDY
2022-2023

BUSINESS & INDUSTRY ENDORSEMENTS

ARTS, AV TECHNOLOGY & COMMUNICATION

Digital Communications		Design & Multimedia Arts	
U00690	Principles of Arts, A/V Tech & Communications 300690	U00690	Principles of Arts, A/V Tech & Communications AV0690
U00740	Audio & Video Production I 300740	U00790	Graphic Design Illustration I AV0790
U00770	Audio & Video Production II + 300770	U02790	Graphic Design Illustration II + 302790
U00780	Practicum in Audio & Video Production + 300780	U00810	Practicum in Graphic Design Illustration + AV0810

AGRICULTURE , FOOD & NATURAL RESOURCES

Animal Science		Agriculture Engineering(Metals)	
AG0U00	Principles of Agriculture Food, & Natural Res. AG0400	AG0U00	Principles of Agriculture, Food, & Natural Resources AG0400
UG1720	Livestock Production AG1720	UG0470	Agricultural Mechanics & Metal Technologies OT0470
UG0420	Veterinary Medical Applications OT0420	UG0490	Agricultural Power Systems + OT0490
UG0430	Advanced Animal Science AG0430	UG0500	Practicum in Agriculture, Food, & Natural Resources + AG0500
UG0500	Practicum in Agriculture Food, & Natural Res.+ AG0500		
			Plant Science
		AG0U00	Principles of Agriculture, Food, & Natural Resources AG0400
		UG0010	Horticulture Science. AG0010
		UG0020	Greenhouse Operations & Production AG0020
		UG0440	Floral Design AG0440
		UG0500	Practicum in Agriculture, Food, & Natural Resources + AG0500

ARCHITECTURE & CONSTRUCTION

BUSINESS, MARKETING & FINANCE

Building Trades(CTE CENTER)		Business Management	
U00820	Principles of Business Marketing & Finance OT0820	U00820	Principles of Business, Marketing & Finance OT0820
U00830	Business Information Management OT0830 OR	U00830	Business Information Management OT0830
U00010	Money Matters 300010	U00760	Business Law OT0760
U00070	Practicum in Construction Technology I * 300070	U00890	Business Management OT0890
U00080	Practicum in Construction Mgt. * 300080	U00870	Practicum in Business, Mkt. & Finance + 300870 OR
		U01790	Career Preparation & WBL *(job required) 301790 & 970080

BUSINESS, MARKETING & FINANCE

STEM ENDORSEMENT

Accounting & Financial Services		Computer Science & Cybersecurity	
U00820	Principles of Business, Marketing & Finance OT0820	PLW260	Fundamentals of Computer Science (Essentials) OR SPL310 SPACE ACADEMY
U00010	Money Matters A (Financial Literacy) 300010	PLW270	AP Computer Science Principles OR SPL320 SPACE ACADEMY
U00950	Accounting I OT0950	PLW300	AP Computer Science A OR SPL330 SPACE ACADEMY
U00960	Accounting II OT0960 or	PLW290	Cybersecurity Capstone OR SPL340 SPACE ACADEMY
U01790	Career Preparation I * Job required 301790 & 970080		
U00870	Practicum in Business, Mkt. & Finance + 300870		

STEM ENDORSEMENT

STEM ENDORSEMENT

PLTW ENGINEERING/SPACE ACADEMY

PLW Engineering

SPL100	Introduction to Engineering Design	PLW100	Introduction to Engineering Design
SPL110	Engineering Science (P.O.E.)	PLW110	Engineering Science (P.O.E.)
SPL120	Digital Electronics	PLW120	Digital Electronics
SPL130	Engineering Design & Dev. & 300040 Robotics	PLW130	Engineering Design & Development & 300040 Robotics
SPL160	Aerospace Engineering (Space Engineering Students)	PLW160	Aerospace Engineering (Space Engineering Students)



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PUBLIC SERVICE ENDORSEMENTS

BARBERING/COSMETOLOGY		EDUCATION & TRAINING	
U00820	Principles of Business, Mkt, Finance 0T0820	U00900	Principles of Education & Training 300900
U00830	Business Information Management 0T0830	U00910	Human Growth & Development 300910
U00230	Cosmetology I *(Approval Required 300230	U00920	Instructional Practice in Education & Training + 300920
U00240	Cosmetology II *(Approval Required) 300240 or	U00930	Practicum in Education & Training + 300930
U00030	Barbering I *(Approval Required)		
U00040	Barbering II *(Approval Required)	U01790	Career Preparation I & WBL * & 970080 (1-2 Periods)

HEALTH SCIENCE		LAW, PUBLIC SAFETY, CORRECTIONAL SERVICES	
Health Science		Law Studies	
U01100	Principles of Health Science 0T1100	U01320	Principles of Law, Public Safety, Corrections & Security Services 301320
U47340	Medical Terminology 0T7340	UT1330	Law Enforcement I 0T1330
U47350	Health Science Theory/Clinicals + 0T7350	U01360	Court Systems & Practices 0T1360
U01130	Practicum in Health Science I + 301130 OR	U01390	Practicum in Law, Public Safety, Corrections & Security + 301390 OR
U01130	Practicum in Health Science Certification+ 301130	U02010	Criminal Investigation 302010
	(Approval Needed)	301350	Forensic Science(4 th Science)
0T1150	Anatomy & Physiology 4 th Science		
			Law Enforcement
U01790	Career Preparation I & WBL* 301790 & 970080	U01320	Principles of Law, Public Safety, Corrections & Security Services 301320
		UT1330	Law Enforcement I 0T1330
		UT1340	Law Enforcement II 0T1340
PLW170	Principles of Biomedical Science	U01390	Practicum in Law, Public Safety, Corrections & Security + 301390 OR
PLW190	Human Body Systems	U08800	Disaster Response 308800
PLW200	Medical Interventions	301350	Forensic Science (4 th Science)
PLW210	Biomedical Innovations		
0T1150	Anatomy & Physiology 4 th Science		OTHER CTE COURSES COMMON TO ALL
		U00883	Virtual Business (Philanthropy) ½ credit 300883
		U00830	Business Information Mgt. (BIM) 0T0830
	PLTW(STAMP) BIO MEDICAL ACADEMY	UT0913	Banking & Financial Services ½ Credit 0T0913
SPL170	Principles of Biomedical Science	U01790	Career Preparation I & WBL* 301790 & 970080
SPL190	Human Body Systems		
SPL200	Medical Interventions		
SPL210	Biomedical Innovations		
	OTHER CTE COURSES 11th/ 12th GRADES		
	AT CTE CENTER	301010	Prac. In Business Mgt. Certified Personal Trainer
U01720	Practicum in Manufacturing (Welding) 1 st yr *	U00110	Electrical Technology I &
U00140	Practicum in Manufacturing Ext. 2nd yr. (Welding)*	U00120	Electrical Technology II* (3 PERIODS)
U00040	Robotics*	U00090	Practicum in Cont. Management/Ext. *

1/1/2022

Legend + 2 Block Periods	Legend * 3 Block Periods
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