

Career and Technical Education (CTE)									
Course #	Course Name	Pre-Requisite	Credits	College	Length	GPA	Grade	Max	Class size limitations are based on:
Career Development									
8606	Career Prep I	application; employment	3		YR	4	12	24	
Architecture and Construction									
8410	Principles of Construction		1		YR	4	9-10	24	completion of coherent sequence; prevent overflow in subsequent courses
8409	Architectural Design I	8410	1		YR	4	10	24	
8412-6	Construction Technology I Dual Credit	8410	2	17	YR	6	10-11	15	safety concerns; available equipment
8413-6	Construction Technology II Dual Credit	8412	2	16	YR	6	11-12	24	safety concerns; available equipment
8416	Electrical Technology I	8410	1		YR	4	10-11	20	safety concerns; available equipment
8417	Electrical Technology II	8416	2		YR	4	11-12	20	safety concerns; available equipment
8426-6	HVAC and Refrigeration Technology I Dual	8410	1	3	YR	6	10-12	16	available equipment; SWTJC limitations
8427-6	HVAC and Refrigeration Technology II Dual	8426-6	2	8	YR	6	11-12	16	available equipment; SWTJC limitations
8248-6	HVAC and Refrigeration Technology III Dual	8427-6	3	12	YR	6	12	16	available equipment; SWTJC limitations
Arts, Audio/Video Technology and Communications									
8510	Principles of Audio Video		1		YR	4	9-10	24	completion of coherent sequence; available work stations
8514	Graphic Design & Illustration	8510	1		YR	4	10	22	available work stations; specialized software & license agreements
8515	Audio/Video Production I & AV Prod I Lab	8510	2		YR	4	10-11	24	completion of coherent sequence; available work stations
8517	Audio/Video Production II & AV Prod II Lab	8515	2		YR	5	11-12	24	completion of coherent sequence; available work stations
8519	Extended Practicum in Audio/Video Prod.	co-requisite: 8517	3		YR	5	12	24	completion of coherent sequence; available work stations
8610	Professional Communications		1/2		SM	4	11-12	24	available seats/textbooks
8610-6	Professional Communications Dual		1/2	3	SM	6	11-12	24	available seats/textbooks
8643	Digital Art & Animation	8641	1		YR	5	12	22	available work stations
Business, Marketing, & Finance									
8601	Principles of Business, Marketing & Finance		1		YR	4	10-12	24	available work stations
8601-6	Principles of BMF Dual		1	6	YR	6	10-12	24	available work stations
8602	Business Management	8601 or 8601-6	1		YR	4	10-12	24	available work stations
8602-6	Business Management Dual	8601 or 8601-6	1/2	3	SM	6	11-12	24	available work stations
8604-6	Human Resource Management Dual	8601 or 8601-6	1/2	3	SM	6	11-12	24	available work stations
8608	BIM 1		1		YR	4	9-12	24	available work stations
8609	BIM 2	8608	1		YR	5	10-12	24	available work stations; specialized software & license agreements
8609-6	BIM 2 Dual	8608	1	6	YR	6	10	24	available work stations; specialized software & license agreements
8614	Virtual Business	8601 or 8601-6	1/2		SM	4	10-12	24	available work stations
8615	Global Business	8601 or 8601-6	1/2		SM	4	10-12	24	available work stations
8625	Extended Practicum in Bus. Mgt.	8602 or 8609	3		YR	5	12	24	available work stations
8625-6	Ext. Prac. Bus. Mgt. Dual	8601-6 or 8602-6	3	3	YR	6	12	24	available work stations
8645	Accounting I	8601 or 8601-6	1		YR	4	10-12	24	available work stations
8645-6	Accounting I Dual	8601 or 8601-6	1	4	YR	6	11-12	24	available work stations
8646	Accounting II	8645	1		YR	4	11-12	24	available work stations
8647	Money Matters	8601 or 8601-6	1		YR	4	11-12	24	available work stations/textbooks
8647-6	Money Matters Dual		1	3	YR	6	11-12	24	available work stations/textbooks
8616	Sports & Entertainment Marketing	8601 or 8601-6	1/2		SM	4	11-12	24	available work stations
8617	Advertising	8601 or 8601-6	1/2		SM	4	11-12	24	available work stations
8618	Advanced Marketing	S& E Mktg; Advertising	2		YR	5	12	24	available work stations

CTE Course Offerings 2020-2021

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Education and Training									
8620	Principles of Education and Training		1		YR	4	9-10	24	completion of coherent sequence; prevent overflow in subsequent courses
8621	Human Growth & Development	8620	1		YR	4	10-11	24	available seats
8622	Instructional Practices	8621	2		YR	4	11-12	24	available seats
8623	Practicum in Education	8622	2		YR	5	12	24	available seats
Health Science									
8650	Principles of Health Science		1		YR	4	9	24	available seats
8651	Medical Terminology	8650	1		YR	4	10	24	available seats
8652	Health Science Theory	8650 and 8651	1		YR	5	11	24	available seats
8660-6	Extended Practicum in Health Science (EMT)	8652 and 8657	3	15	YR	6	12	15	state regulations; one coordinator per 15 students
8654-6	Extended Prac.in Health Science (C.N.A.)	8652 and 8657	3	8	YR	6	13	10	state regulations (Dept. of Aging & Disability Services)
8655-6	Practicum in Health Science (Med. Asst.)	8652 and 8657	2	7	YR	6	12	20	SWTJC limitations
8657	Anatomy & Physiology	co-requisite: 8652	1		YR	5	11	20	safety concerns; available equipment
8658-6	Practicum in Health Science (Phleb/EKG)	8652 and 8657	1	6	SM	6	12	16	SWTJC limitations
8659-6	Practicum II Phlebotomy/EKG	8652 and 8657	1	6	SM	6	12	16	SWTJC limitations
Hospitality and Tourism									
8624	Principles of Hospitality		1		YR	4	9-10	24	completion of coherent sequence; prevent overflow in subsequent courses
8605	Intro to Culinary	8624	1		YR	4	10-11	24	available work stations
8626	Culinary Arts	8605	2		YR	4	11-12	24	available work stations
8628	Advanced Culinary Arts	8626	2		YR	5	12	*	
Human Services									
8630	Principles of Human Services		1		YR	4	9-10	24	completion of coherent sequence; prevent overflow in subsequent courses
8631	Child Development	8630	1		YR	4	10-12	24	available seats
8661	Child Guidance	8630 and 8631	2		YR	4	11-12	24	available seats; class size; textbooks
8637	Practicum in Human Services	8661	2		YR	5	12	*	available seats; class size; textbooks
Information Technology									
8641	Digital Media	8514	1		YR	5	10-12	22	available work stations; specialized software & license agreements
8642	Web Design	8641	1		YR	4	11-12	22	available work stations; specialized software & license agreements
Law, Public Safety, Corrections and Security									
8730	Principles of Law		1		YR	4	9	24	completion of coherent sequence; prevent overflow in subsequent courses
8731	Law I	8730	1		YR	4	10-11	24	available seats; textbooks; safety concerns
8731-6	Law I Dual	8730	1	6	YR	6	11-12	24	available seats; textbooks; safety concerns
8733-6	Correctional Services Dual	8731 or 8731-6; 2.5 GPA	1	3	YR	6	12	24	available seats
8735	Federal Law Enf. & Protective Services	8730; 2.5 GPA	1		YR	4	10	24	available seats
8736	Law II	8731 or 8731-6	1		YR	5	11-12	24	available seats
8736-6	Law II Dual	8731 or 8731-6	1	6	YR	6	12	24	available seats
8737	Forensic Science	Chemistry and 8731	1		YR	5	11-12	24	safety concerns; available equipment
Manufacturing									
8710	Introduction to Welding	admissions rubric	1		YR	4	10	30	completion of coherent sequence; prevent overflow in subsequent courses
8711-6	Welding I Dual	8709	2	11	YR	6	11	15	safety concerns; available equipment
8712-6	Welding II Dual	8711-6	2	14	YR	6	12	24	safety concerns; available equipment

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Science, Technology, Engineering, and Mathematics									
8716	IED	Alg 1 or 80 avg in 8th grade math	1		YR	5/6	9	24	available equipment; all class sizes should be balanced if possible
8715	Engineering Science	Alg 1 & Biology; 8716	1		YR	5/6	10	24	available work stations
8717	DE	8715	1		YR	5/6	11	24	available work stations
8718	CIM	8715	1		YR	5/6	11	24	available work stations and equipment
8719	EDD	8717 or 8718	1		YR	6	12	24	available work stations
8740	Engineering Math	Alg 2	1		YR	5	11-12	24	available work stations
8801	Fundamentals of Computer Science		1		YR	5/6	9-10	24	available work stations
8803	AP Computer Science Principles	Alg I & Fund of Comp Sci	1		YR	6	10-11	24	available work stations
8805	AP Computer Science A	AP Comp Sci Prin	1		YR	6	11-12	24	available work stations
8807	Project-Based Research	AP Comp Sci A	1		YR	6	12	24	available work stations
Transportation, Distribution & Logistics									
8720	Automotive Basics	admissions rubric	1		YR	4	10	30	completion of coherent sequence; prevent overflow in subsequent courses
8721-6	Automotive Technology I Dual Credit	8720	2	12	YR	6	11	20	safety concerns; available equipment
8722-6	Automotive Technology II Dual Credit	8721-6	2	12	YR	6	12	20	safety concerns; available equipment
8727	Intro to Aircraft Technology	admissions rubric	1		YR	4	10	15	completion of coherent sequence; prevent overflow in subsequent courses
8724-6	Aircraft Airframe Technology DC	8727 & admissions rubric	2	7	YR	6	11	20	SWTJC limitations; LAFB limitations
8729-6	Extended Practicum in Transp. Syst. (Air)	8724-6	3	11	YR	6	12		safety concerns; available equipment; LAFB limitations

* Practicum classes that are stacked may vary in maximum class size depending on the number of students in the pre-requisite class.

Class sizes can be adjusted if the size is based on seats available. All others must be at or below the maximum size.

Course numbers highlighted are considered Advanced Courses in a CTE coherent sequence.