



EMS ISD Endorsements

2021-2022

Business & Industry

Video Production			Audio Production			Welding			Construction/Electrical		
Grade	Course	Cr	Grade	Course	Cr	Grade	Course	Cr	Grade	Course	Cr
9th-10th	Prin A/V#	1	9th-10th	Prin A/V#	1	9th-10th	Intro to Welding#	1	9th-10th	Prin of Construct.#	1
11th	Video Prod 1*	2	11th	Digital Aud Tech*	2	11th	Welding 1*	2	11th	Construct. Tech 1*	2
12th	Video Prod 2*	2	12th	Pract in Aud Prod*	2	12th	Welding 2*	2	12th	Electrical 1 & 2*	3
Aircraft Maintenance			Automotive			Manufacturing Engineering			Architecture		
Grade	Course	Cr	Grade	Course	Cr	Grade	Course	Cr	Grade	Course	Cr
9th-10th	Intro to Transp#	.5	9th-10th	Intro to Transp#	.5	9th-10th	Prin of Manuf Eng#	1	9th-10th	Prin of Architect.#	1
11th	Intro to Aircraft**	3	10th-11th	Auto Tech 1*	2	10th-11th	Precision Metal 1*	2	11th	Architect. Des. 1	1
12th	Aircraft Pwrplnt**	3	11th-12th	Auto Tech 2*	2	11th-12th	Precision Metal 2*	2	12th	Architect. Des. 2*	2
12th			12th	Practicum in Auto*	2	12th	Pract in Manuf*	2			
Graphic Design			Animation			Information Technology			Communication		
Grade	Course	Cr	Grade	Course	Cr	Grade	Course	Cr	Grade	Course	Cr
9th-10th	Digital Media#	1	9th-10th	Digital Media#	1	9th-10th	Prin of Info Tech#	1	9th-12th	English Elective	1
11th	Graphic Design 1*	2	11th	Animation 1*	2	10th-11th	Computer	2	9th-12th	Debate 1, 2, & 3	3
12th	Graphic Design 2*	2	12th	Animation 2*	2	11th-12th	Networking Security/Lab*	2		OR	
						12th	Practicum in IT 1*	2	10th-12th	Newsppr 1, 2, & 3	3
									10th-12th	OR	
									10th-12th	Yearbook 1, 2, & 3	3
Business			Business Marketing			Finance			Culinary Arts		
Grade	Course	Cr	Grade	Course	Cr	Grade	Course	Cr	Grade	Course	Cr
9th	Prin of Bus,Mkt,F#	1	9th	Prin of Bus,Mkt,F#	1	9th	Prin of Bus,Mkt,F#	1	9th-10th	Intro to Culinary#	1
10th	Bus Info Mgmt 1	1	10th	Sprt/Ent Mkt & Advertising OR Bus Info Mgmt 1	.5 .5 1	10th	Money Matters	1	10th-11th	Culinary Arts*	2
11th	Bus Info Mgmt 2	1	11th	Entrepreneurship	1	11th	Accounting 1	1	11th-12th	Adv Culinary*	2
12th	Bus Management	1	12th	Bus Management	1	12th	Accounting 2	1	12th	Pract in Culinary*	2
Veterinary Science			Veterinary Science			Plant Science					
Grade	Course	Cr	Grade	Course	Cr	Grade	Course	Cr			
9th-10th	Prin of Agricult#	1	9th-10th	Prin of Agricult#	1	9th-10th	Prin of Agricult#	1			
10th-11th	Sm Animal & Equine# OR Livestock#	.5 .5 1	10th-11th	Sm Animal & Equine# OR Livestock#	.5 .5 1	9th-10th	Floral Design ^R	2			
11th-12th	Anat/Phys	1	11th-12th	Vet Med Appl & Adv Animal Sci*	2	11th-12th	Greenhouse Oper (TCC Dual Cr)***	2			
11th-12th	Vet Med Appl & Adv Animal Sci*	2	12th	Pract in Ag*	2	12th	Horticulture Sci & Adv Plant/Soil (TCC Dual Cr)***	2			

^R Course is recommended

Course is prerequisite to advanced courses

* Course is at HCTC and may include additional cost

** Course is at TCC Alliance

*** Course is at TCC NW

STEM All STEM must include Algebra 2, Chemistry, and Physics

Aeroscience		
Grade	Course	Cr
8th-10th	Prin of Appl Engin#	1
11th	Aeroscience 1*	2
12th	Aeroscience 2*	2

Robotics		
Grade	Course	Cr
8th-10th	Prin of Appl Engin#	1
10th-11th	Intro to Robotics	1
11th-12th	Robotics 1 & 2*	2

Computer Science		
Grade	Course	Cr
10th	Chemistry	1
10th-11th	Algebra 2	1
11th	Physics	1
9th-11th	AP Comp Sci Prin	1
9th-11th	ADV Comp Sci	1
11th-12th	AP Comp Sci	1

Math		
Grade	Course	Cr
8th-9th	Algebra 1	1
9th-10th	Geometry	1
10th-11th	Algebra 2	1
11th-12th	Adv Math	1
12th	Adv Math	1

Science		
Grade	Course	Cr
9th	Biology	1
10th	Chemistry	1
11th	Physics	1
12th	Adv Science	1
11th-12th	Adv Science	1

Public Service

Health Science		
Grade	Course	Cr
9th	Princ of Hlth Sci	1
10th	Medical Term	1
11th-12th	Anatomy/Phys	1
11th-12th	Pathophysiology	1

Health Science		
Grade	Course	Cr
9th	Princ of Hlth Sci#	1
10th	Medical Term ^R	1
11th	World Hlth Rsch* OR Sports Med*	2
12th	Practic. in HST*: PCT, EMT, EKG, PT	2

Health Science		
Grade	Course	Cr
9th	Princ of Hlth Sci#	1
10th	Medical Term ^R	1
11th-12th	Anat/Phys OR Pathophysiology	1
11th-12th	Hlth Sci Thry* ^R :SM, PCT, EMT, EKG, PT	2

Health Science		
Grade	Course	Cr
9th	Princ of Hlth Sci#	1
10th	Medical Term ^R	1
11th	World Hlth Rsch* OR Sports Med*	2
12th	Anat/Phys OR Pathophysiology	1

Law Enforcement		
Grade	Course	Cr
9th-10th	Prin of Law#	1
11th	Law Enforce 1	1
12th	Law Enfor 2* & Federal Law Enf*	2
11th-12th	Forensic Sci ^R	1

Legal Studies		
Grade	Course	Cr
9th-10th	Prin of Law#	1
10th-11th	Court Systems 1: Legal Resch/Writ	1
11th-12th	Court Systems 2	1
11th-12th	Forensic Sci*	1

Emergency Services		
Grade	Course	Cr
9th-10th	Prin of Law#	1
11th	Fire Fighter 1 (TCC Dual Cr) ^{***}	2
12th	Fire Fighter 2 (TCC Dual Cr) ^{***}	3

Military Science		
Grade	Course	Cr
9th-12th	JROTC 1, 2, 3, & 4	4

Education		
Grade	Course	Cr
9th	Prin of Education#	1
10th	Child Dev ^R	1
10th-11th	Instruct Practices*	2
11th-12th	Practicum in Ed 1*	2
12th	Practicum in Ed 2*	2

Community Services		
Grade	Course	Cr
8th-9th	Prin of Hum Svc	1
10th	Lifetime Nutr &	.5
11th	Child Dev	1
12th	Couns & Mnt Hlth	1

Cosmetology		
Grade	Course	Cr
10-11th	Intro to Cosmo &	3
11-12th	Cosmetology 2*	3
12th	Pract in Cosmo*	3

Arts & Humanities

Fine Arts		
Grade	Course	Cr
9th-12th	Sequence of FA: Art, Band, Choir, Dance, Theatre	4

World Languages		
Grade	Course	Cr
8th-12th	Same Language	4
Grade	Course	Cr
8th-12th	Language 1	2
8th-12th	Language 2	2

Social Studies		
Grade	Course	Cr
9th	W/H Geography	1
10th	W History	1
11th	US History	1
12th	Govt/Econ	1
10th-12th	SS Elective	1

Multidisciplinary

Core		
Grade	Course	Cr
9th-12th	4 credits in each core subject	16

Advanced Academics		
Grade	Course	Cr
9th-12th	4 credits in AP courses	4

Must include Eng 4 & Chem or Physics

Eng, math, sci, soc st, language, and/or fine arts

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***Course is at TCC NW