EMS ISD Endorsements   2022-2023

Business & Industry

Video Production

Grade	Course	Cr
9th-10th	Prin A/V#	1
11th	Video Prod 1*	2
12th	Video Prod 2*	2

Audio Production

Grade	Course	Cr
9th-10th	Prin A/V#	1
11th	Digital Aud Tech*	2
12th	Pract in Aud Prod*	2

Aircraft Maintenance

Grade	Course	Cr
9th-10th	Intro to Transp#	.5
11th	Intro to Aircraft**	3
12th	Aircraft Pwrplnt**	3

Automotive

Grade	Course	Cr
9th-10th	Intro to Transp#	.5
10th-11th	Auto Tech 1*	2
11th-12th	Auto Tech 2*	2
12th	Practicum in Auto*	2

Manufacturing Engineering

Grade	Course	Cr
9th-10th	Prin of Manuf Eng#	1
10th-11th	Precision Metal 1*	2
11th-12th	Precision Metal 2*	2
12th	Pract in Manuf*	2

Graphic Design

Grade	Course	Cr
9th-10th	Digital Media#	1
11th	Graphic Design 1*	2
12th	Graphic Design 2*	2

Animation

Grade	Course	Cr
9th-10th	Digital Media#	1
11th	Animation 1*	2
12th	Animation 2*	2

Architecture

Grade	Course	Cr
9th-10th	Prin of Architect.#	1
11th	Architect. Des. 1	1
12th	Architect. Des. 2*	2

Construction/Electrical

Grade	Course	Cr
9th-10th	Prin of Construct.#	1
11th	Construct. Tech 1*	2
12th	Electrical 1 & 2*	3

Welding

Grade	Course	Cr
9th-10th	Intro to Welding#	1
11th	Welding 1*	2
12th	Welding 2*	2

Business

Grade	Course	Cr
9th	Prin of Bus,Mkt,F#	1
10th	Bus Info Mgmt 1	1
11th	Bus Info Mgmt 2	1
12th	Bus Management	1

Business Marketing

Grade	Course	Cr
9th	Prin of Bus,Mkt,F#	1
10th	Sprt/Ent Mkt & Advertising **OR** Bus Info Mgmt 1	.5 / .5 / 1
11th	Entrepreneurship	1
12th	Bus Management	1

Finance

Grade	Course	Cr
9th	Prin of Bus,Mkt,F#	1
10th	Money Matters	1
11th	Accounting 1	1
12th	Accounting 2	1

Communication

Grade	Course	Cr
9th-12th	English Elective	1
9th-12th	Debate 1, 2, & 3	3
10th-12th	**OR** Newsppr 1, 2, & 3	3
10th-12th	**OR** Yearbook 1, 2, & 3	3

Information Technology

Grade	Course	Cr
9th-10th	Prin of Info Tech#	1
10th-11th	Computer Maint/Lab*	2
11th-12th	Networking Security/Lab*	2
12th	Practicum in IT 1*	2

Culinary Arts

Grade	Course	Cr
9th-10th	Intro to Culinary#	1
10th-11th	Culinary Arts*	2
11th-12th	Adv Culinary*	2
12th	Pract in Culinary*	2

Plant Science

Grade	Course	Cr
9th-10th	Prin of Agricult#	1
9th-10th	Floral Design^R	2
11th-12th	Greenhouse Oper (TCC Dual Cr)***	2
12th	Horticulture Sci & Adv Plant/Soil (TCC Dual Cr)***	2

Veterinary Science

Grade	Course	Cr
9th-10th	Prin of Agricult#	1
10th-11th	Sm Animal & Equine# **OR** Livestock#	.5 / .5 / 1
11th-12th	Vet Med Appl & Adv Animal Sci*	2
12th	Pract in Ag*	2

Veterinary Science

Grade	Course	Cr
9th-10th	Prin of Agricult#	1
10th-11th	Sm Animal & Equine# **OR** Livestock#	.5 / .5 / 1
11th-12th	Anat/Phys	1
11th-12th	Vet Med Appl & Adv Animal Sci*	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

Aerospace Engineering

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

Drone Engineering

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

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

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 A	2

Public Service

Health Science

Grade	Course	Cr
9th	Princ of Hlth Sci	1
10th	Medical Term[R]	1
11th-12th	Anat/Phys[R]	1
11th-12th	World Hlth Thry*	2
11th-12th	Biomedical Rsch*	2

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 Thry* OR Sports Med*	2
12th	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	PCT, EMT, EKG, PT	2

Health Science

Grade	Course	Cr
9th	Princ of Hlth Sci#	1
10th	Medical Term[R]	1
11th	World Hlth Thry* OR Sports Med*	2
12th	Pathophysiology	1

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 & Interpers Std	.5 / .5
11th	Child Dev	1
12th	Couns & Mnt Hlth	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
11-12th	Forensic Sci*[R]	1

Legal Studies

Grade	Course	Cr
9th-10th	Prin of Law#	1
10-12th	Crts 1:Cts Sys & Prac/Bus Law*	2
12th	Crts 2; Legal Res & Wri/Adv Crt*	2
11-12th	Forensic Sci*[R]	1

Emergency Services

Grade	Course	Cr
9th-10th	Prin of Law#	1
11th	Fire Fighter 1 (TCC Dual Cr)***	2
11th	Anat/Phys	1
12th	EMT	2

Military Science

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

Cosmetology

Grade	Course	Cr
11th	Intro to Cosmo & Cosmetology 1*	3
12th	Cosmetology 2*	3

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

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

Arts & Humanities

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

World Languages

Grade	Course	Cr
8th-12th	Same Language	4

Grade	Course	Cr
8th-12th	Language 1	2
8th-12th	Language 2	2

Fine Arts

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

[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

Must include Eng 4 & Chem or Physics