

2023-24

Marble Falls ISD Graduation Program of Study (POS) Suggestion Sheet

This POS suggestion sheet should be used with course catalog & counselor meetings (for course descriptions, prerequisites, and other information.)
 Unless stated specifically, endorsement requirements are in addition to foundation plan requirements
 Professional Communications are required of all students and support each POS.
 All courses in RED throughout this guide are considered Advanced CTE courses.
CTE Non-Discrimination Clause: MFISD does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities.

Arts & Humanities Endorsement

Fine Arts POS Options (from one or two Disciplines)

Fine Arts: Art		Fine Arts: Music		Fine Arts: Theatre Discipline		Fine Arts: Dance/Drill Team		Fine Arts: Choir Discipline		Humanities Options	
1	Art I							Concert Men and Women	9-12	LOTE POS (4 credits - 4 of same or 2 of each)	
2	Art II Drawing, Art II Ceramics			Music Band I - IV	9-12	Drill Team I - IV	9-12	Show Choir	9-12	Spanish I - V	8-12
3	Art III Drawing, Art III Ceramics			Applied Music	11-12	Color Guard I - IV	9-12	Acappella Choir II - IV	10-12	ASL I - II	9-12
4	Art IV Drawing, Art IV Ceramics			Jazz Band I - IV	9-12			Chorale II - III	10-12	Social Studies (5 credits)	
3/4	AP Studio Art							Chamber Singers	10-12	AP Human Geo. or World Geo.	9
									10-12	World History	10
										US History	11
										Psychology and Sociology	10-12
										Government/Econ.	12

Public Services Endorsement

Teaching and Training (4 credits)		Healthcare Therapeutic (4 credits)		Healthcare Therapeutic (continued)		
1	Principles of Educ. & Training	1	Principles of Health Science	3/4	Practicum in Hlth Sci. (CNA - 2)	11-12
2	Human Growth & Development	2	Medical Terminology	4	Practicum in Hlth Science (EMT - 2)	12
3	Instructional Practices (2)	3/4	Health Science Theory	4	Pharmacology (Pharm Tech - 1)	12
4	Practicum in Educ. & Training (2)	3/4	Anatomy & Physiology (Sci)	Possible Cert: Cert. Nursing Assistant, EMT Basic & Pharmacy Technician		
	Course 3 & 4 - Dual Credit option		Medical Microbiology (Sci)			
	Possible Cert: Educational Aide I		Possible Cert: BLS, CPR			

Multidisciplinary Endorsement

4x4 (16 credits)		AP/Dual Credit (4 credits)		College & Career (4 courses)	
Total credits required for graduation must include: 4 credits from each of the 4 core areas		Any AP/Dual Credit courses from English, Math, Science Social Studies, LOTE, or Fine Arts		Any combination of Advanced CTE courses and/or AP or Dual Credit courses from any Endorsement	
Including English IV; Chemistry and/or Physics Other Math, Sci., Social Studies (several options available)					

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Business & Industry Endorsement

Animal Science (4 credits)	
1	Principles of Ag, Food & Nat. Res. 8-12
2	Equine (.5) / Small Animal (.5) 9-12
2/3	Livestock Production 9-12
2/3	Wildlife Fisheries & Ecology Mgt. 9-12
3/4	Veterinarian Med Applications 11-12
4	Advanced Animal Science (Sci) 11-12
Possible cert: Elanco Vet Med Applications	
Plant Science (4 credits)	
1	Principles of Ag, Food & Nat. Res. 8-12
1/2/3/4	Floral Design (Fine Arts Credit) 9-12
2/3/4	Advanced Floral Design 10-12
2	Greenhouse Operations & Prod. 9-12
3	Horticulture Science 9-12
4	Advanced Plant & Soil Science (Sci) 11-12
Possible Cert: TSFA Floral Skills Knowledge & Level 1 & BASF Plant Science	
Applied Agri. Engineering: Welding (4 credits)	
1	Principles of Ag, Food & Nat. Res. 8-12
1	Ag Mechanics & Metal Technology 9-12
2	Ag Structures Design & Fabrication 10-12
3	Ag Equipment Design & Fabrication 11-12
3	Ag Power Systems (2) 11-12
4	Practicum in Ag: Welding (2.) 12
Possible Cert: AWS D1.1 & D9.1	

Carpentry (4 credits)	
1	Principles of Construction 9-12
2	Construction Tech I (2) 10-12
3	Construction Tech 2 (2) 11-12
4	Practicum in Const. Tech (2) 12
Possible Cert: NCCER Core, NCCER Carpentry Level 1	
Digital Communications (4 credits)	
1	Principles of Arts, A / V & Comm. 9-12
2	A / V Production I 10-12
3	A / V Production II 11-12
3	A / V Production II with Lab (2) 11-12
4	Practicum in A / V Production (2) 12
Possible Cert: Adobe Premier Pro	
Graphic Design & Multi-Media (4 credits)	
1	Principles of Arts, A / V & Comm. 8-12
2	Graphic Design & Illustration I 10-12
3	Graphic Design & Illustration II 11-12
4	Practicum in Graphic Des & Illust (2) 12
OR	
Graphic Design & Multi-Media: Yearbook (4 credits)	
1	Principles of Arts, A / V & Comm. 9-12
2	Commercial Photography 1 (YB 1) 10-12
3	Commercial Photography 2 (YB 2) 11-12
4	Prac. in Comm. Photography (2) (YB 3) 12
Possible Cert: Adobe Photoshop or Illustrator	

Entrepreneurship (4 credits)	
1	Principles of Bus, Mktg & Finance 9-12
2	Entrepreneurship 10-12
3	Practicum in Business Mgmt (2) 11
4	Practicum in Entrepreneurship (2) 12
Possible Cert: Entrepreneurship & Small Business	
Adv Manufacturing & Machinery Mechanics (4 credits)	
1	Principles of Applied Engineering 9-12
2	Robotics I 10-12
3	Robotics II 11-12
Possible Cert: FANUC Robotics Operator	
Travel, Tourism & Attractions (4 credits)	
1	Principles of Hospitality & Tourism 9-12
2	Travel & Tourism Mgmt 10-12
3	Tourism Marketing Concepts & Applicatic 11-12
4	Practicum in Hospitality Services (2) 12
Possible Cert: Travel & Tourism	
Marketing in Sales (4 credits)	
1/2	Principles of Bus, Mktg & Finance 9-12
1/2	Sports Mktg (.5) / Social Med Mktg(.5) 9-12
3/4	Statistics & Bus. Dec. Making (Math) 11-12
4	Practicum in Entrepreneurship (2) 12
Possible Cert: Entrepreneurship & Small Business	

STEM Endorsement

Students must complete Algebra II, Chemistry and Physics for this Endorsement.

Engineering POS (Foundation Requirements + 4 cr)	
1	Principles of Applied Engineering 9-12
2	Introduction to Engineering (PLTW) 10-12
3	Aerospace Engineering (PLTW) 11-12
4	Scientific Research & Design (Sci) 12
4	Practicum in STEM (2) 12
Possible Cert: AutoCAD	

Math POS (Foundation Requirements + 2 cr)	
Precalculus	10-12
AP Calculus AB	11-12
AP Statistics	11-12
Stats and Business Decision Making	11-12

Science POS (+ 2 Sci cr)	
Advanced Animal Science	11-12
Environmental Systems	11-12
Pathophysiology	11-12
Medical Microbiology	11-12
Anatomy & Physiology	11-12
Forensic Science	11-12
Advanced Plant & Soil Science	11-12