

ENDORSEMENTS and PATHWAYS

Students are required to declare an endorsement.

Endorsement: The programs of study were created under House Bill 5: Arts & Humanities, Business & Industry, Public Service, STEM, and Multidisciplinary

Pathway: The sequence of courses that are grouped together by interest or occupational skill

ARTS AND HUMANITIES ENDORSEMENT

	1st course	2nd course(s)	3rd course(s)	4th course(s)
English				
Art & Literature	English I Reg or PAP	English II Reg or PAP	English III Reg, Dual, or AP & Humanities I	English IV Reg, Dual, or AP & Humanities II or AP Art History
Creative Writing	English I Reg or PAP	English II Reg or PAP	English III Reg, Dual, or AP & Creative Writing	English IV Reg, Dual, or AP & Adv Creative Writing or Adv Journalism: Lit Mag
Fine Arts				
Choir	Choir I	Choir II	Choir III	Choir IV
Band	Band I	Band II	Band III	Band IV
Dance	Dance I	Dance II	Dance III	Dance IV
Orchestra	Orchestra I	Orchestra II	Orchestra III	Orchestra IV
Piano	Piano I	Piano II	Piano III	Piano IV
Technical Theatre				
	Theatre I	Technical Theatre I	Technical Theatre II AND 1 credit* of:	Technical Theatre III AND 1 credit* of:
<i>*11th/12th grade options - Select 1: Acting Styles: Classical; Acting Styles: Realism; Acting Styles: Improv; Movement for the Actor; Mus Th I; Mus Th II; Theatre III: Directing; Theatre III: Playwriting</i>				
Theatre Production	Theatre I	Theatre Prod I OR Theatre II	Theatre Prod II OR Theatre III AND 1 credit* of:	Theatre Prod III OR Tech Thea IV AND 1 credit* of:
<i>*11th/12th grade options - Select 1: Acting Styles: Classical; Acting Styles: Realism; Acting Styles: Improv; Movement for the Actor; Mus Th I; Mus Th II; Theatre III: Directing; Theatre III: Playwriting</i>				
Visual Arts-Drawing	Art I	Art II Drawing Reg or PAP	Art III Drawing PAP	AP Studio Art-Drawing Portfolio
Visual Arts - Electronic Media	Art I	Art II Elec Media PAP	Art III Elec Media PAP	AP 3-D Design Portfolio
Visual Arts - Painting	Art I	Art II Painting PAP	Art III Painting PAP	AP 2-D Design Portfolio
Visual Arts-Sculpture	Art I	Art II Sculpture PAP	Art III Sculpture PAP	AP 3-D Design Portfolio
Social Studies				
History	World Geography Reg or PAP	World History Reg or AP	Hist Reg, Dual or AP AND AP Euro Hist	Govt (.5)/Econ (.5) Reg, AP or Dual
Social Sciences	WG Reg or PAP OR AP Human Geo	World History Reg or AP	US Hist Reg, Dual or AP AND AP Psych	Govt (.5)/Econ (.5) Reg, AP or Dual
World Languages				
ASL	ASL I	ASL II	ASL III	ASL IV
Spanish	Spanish I	Spanish II	Spanish III Reg or PAP	AP Spanish IV
Spanish for Native Speakers	Span for Native Speakers I	Span for Native Speakers II	AP Spanish IV	AP Spanish V
German	German I	German II	German III PAP	AP German IV
French	French I	French II	French III PAP	AP French IV
Latin	Latin I	Latin II	Latin III PAP	AP Latin IV

BUSINESS & INDUSTRY ENDORSEMENT				Class @ KCAL
	1st course	2nd course(s)	3rd course(s)	4th course(s)
<u>Agriculture, Food and Natural Resources</u>				
Veterinary Studies	Prin of Ag, Food, Nat Res	Veterinary Medical App	Adv Animal Sci (1) and Scientific R&D: Vet Clinical Skills	Practicum in Ag (2)
	<i>(Optional Electives: Wildlife, Fisheries, & Eco Mana; Small Anim Mgmt (.5) AND Equine Science (.5); Agri Busi Mana & Mktg, Livestock Prod)</i>			
Plant Science	Prin of Ag, Food, Nat Res	Horticulture Science AND 1 from: Turf Grass Mana, Landscape Design, or Floral Design	Choose 1: Greenhouse Opps, Adv Floral Des, or Adv Plant & Soil	Practicum in Ag (2)
<u>Architecture and Construction</u>				
Architecture Design	Prin of Architecture	Architectural Design I	Architectural Design II (2)	Practicum in Arch Design (2)
Construction Tech	Prin of Construction	Construction Mgmt I (2)	Construction Tech II (2)	Prac Construction Tech (2)
HVAC	Prin of Construction	HVAC & Refrig Tech I & Sheet Metal	HVAC & Refrig Tech II (2)	Prac Construction Tech (2)
Plumbing Tech	Prin of Construction	Plum Tech I & Pipefitting	Plumbing Tech II (2)	Prac Construction Tech (2)
Electrical Tech	Prin of Construction	Electrical Tech I	Electrical Tech II (2)	Prac Construction Tech (2)
Interior Design	Principles of Architecture - ID	Interior Design I	Interior Design II (2)	Practicum in Interior Design (2)
<u>Arts, AV, Technology & Communications</u>				
Design & Multimedia Arts	Prin of Arts, AV, Tech & Comm	Choose 1 of the following: Animation I	Choose 1 of the following: Animation II & Lab (2)	Choose 1 of the following: Prac in Animation (2)
<i>(Formerly: Animation and Graphic Des)</i>	<i>(not required)</i>	Graphic Design I	Graphic Design II & Lab (2)	Prac in Graphic Design (2)
	<i>(Optional Electives: Commercial Photography, Digital Media, Social Media Mktg)</i>			
Digital Communications	Prin of Arts, AV, Tech & Comm	AV Production I	AV Prod II & Lab (2)	Practicum in AV Production (2)
	<i>(Optional Electives: Commercial Photography)</i>			
<u>Business Communications</u>				
Debate	Debate I	Debate II OR Oral Interp I	Debate III or Oral Interp II	Independent Study in Speech
Broadcast Journalism	Contemporary Media	Adv Broadcast Journalism I	Adv Broadcast Journalism II	Adv Broadcast Journalism III
Newspaper	Contemporary Media	Newspaper I	Newspaper II	Newspaper III
Yearbook	Contemporary Media	Yearbook I	Yearbook II	Yearbook III
	<i>(Receive 21st Century Credit ONLY when complete the pathway)</i>			
<u>Business Management and Administration</u>				
Business Management	Prin of Bus, Mkt & Finance	*Choose 1 course from the list below: BIM I OR Business Management	*Choose 2 course from the list below: *BIM I, BIM II, Bus Mgt,-Stats & Business Decision Making, Global Business - NEW	*Choose 2 course from the list below: *Pract Bus, Bus Mgt, Stats & Business Decision Making, Career Prep I/Extended Career Prep, Global Business - NEW
Accounting and Financial Services	Prin of Bus, Mkt & Finance	Accounting I	Accounting 2 & BIM I	Prac in Business Mgt (2)
	<i>(Optional Electives: BIM II, Entrepreneurship, Global Business, Money Matters, Statistics & Business Decision Making)</i>			

PUBLIC SERVICES ENDORSEMENT				Class @ KCAL
	1st course	2nd course(s)	3rd course(s)	4th course(s)
Teaching and Training	Principles of Ed & Training	Child Development	Instructional Practices (2)	Practicum in Ed & Training (2)
<i>(Optional Electives: Counseling & Mental Health, Psychology, & Sociology)</i>				<i>(Receive a HR letter for an interview in KISD)</i>
Health Science				
Medical Labroatory Asst (MLA)	Med Term	Health Science Theory	Med Micro AND A&P* @home campus	Pract in HS--MLA (2), PCT or CMA
Clinical Rotations	Med Term	Health Science Theory	A&P* @home campus AND HS Pract (2)	Pract in HS II--CMA or PCT (2)
CNA	Med Term	Health Science Theory	A&P* @home campus AND HS Pract (2)	Pract in HS II--CMA or PCT (2)
EMT	Med Term	Health Science Theory	A&P* @KCAL AND Pathophys*	Practicum in Health Science EMT(2)
Pharmacy	Med Term	Health Science Theory	A&P* @home campus AND Pharmacology	Practi in Health Science I: Pharmacy (2)
Sports Medicine	Med Term	Health Science Theory AND Kinesiology I	A&P* AND Kinesiology II	Practicum in Health Science - Sp Med (2)
			*Science Credit	
Cosmetology				
Cosmo 1 - \$1375	Professional Communications	Entrepreneurship	Principles of Cosmetology (1 credit)	Cosmo II (2)
Cosmo 2 - \$650	.5 credit	(1 credit in 1 semester)	AND Cosmetology I (2 credits)	AND Practicum of Human Services (2 credits)
Military Science - JROTC				
	ROTC I	ROTC II	ROTC III	ROTC IV
Law, Public Safety, Corrections & Security				
Law Enforcement Police	Prin of Law & Public Safety	Law Enforcement I	Forensic Science KCal (1) & Forensic Psych (1)	Prac of Law Enforcement (2)
Legal Studies	Prin of Law & Public Safety	Court Systems and Practices	Legal Research and Writing	Prac of Legal Studies (2)
<i>(Optional Electives: Political Science, Psychology, & Sociology)</i>				
STEM ENDORSEMENT				
Science				
Biology	Biology	Chemistry	Physics & A&P	AP Biology
Chemistry	Biology	Chemistry	Physics & AP Bio	AP Chemistry
Environmental Science	Biology	Chemistry	Physics & Aquatic Science	Env Systems or APES
Physics	Biology	Chemistry & AP Physics	AP Physics II	AP Physics C: Elec/Mag OR Mech
Space Science	Biology	Chemistry	Physics & Earth, Space Sci	Astronomy
Engineering				
	Intro to Eng Design	Engineering Science **	Choose 2 credits from list below:	Choose 2 credits from list below:
	<i>(Previous or concurrent enrollment in Algebra 1)</i>	<i>(Formerly POE)</i>	Aerospace Eng, Dig Elec*, Civil Engineering, Robotics I, Intro to Unmaned Aerial Veh	EDD, Robotics II*, Computer Integrated Manufacturing, Physics C: E&M** Practicum in STEM (2)
		** Science Credit	*Math credit	(Practicum or EDPS is REQUIRED)
Cybersecurity				
	Foundation of Cybersecurity	Digital Forensics	Cybersecurity Capstone	Practicum in IT - Cybersecurity (2)
Computer Programming				
	Computer Science I Honors	AP Computer Science	Computer Science II & III (2)	Practicum in IT - Programming (2)
	<i>(Previous or concurrent enrollment in Algebra 1)</i>			
		<i>(Optional Electives: Computer Maintenance & Digital Media)</i>		

STEM ENDORSEMENT

	1st course	2nd course(s)	3rd course(s)	4th course(s)
Math				
Calculus	Algebra I	Geometry & Alg II	Precalculus	Calculus
<i>*if Alg I taken in 8th</i>	Geometry	Algebra II	Precalculus	Calculus
Statistics	Algebra I	Geometry	Alg II AND Stats & Bus Dec Making	AP Statistics

MULTIDISCIPLINARY ENDORSEMENT

<u>Option 1:</u>	<u>Option 2:</u>	<u>Option 3:</u>
4 credits from each core subject	Complete 4 AP or Dual	Complete 4 advanced (Jr, Sr level) courses
MUST include Eng IV, Chem and/or Physics, and KISD Graduation Requirements	credits from Eng, Math, Science, SS, LOTE, Fine Arts	from within 1 endorsement or among multiple endorsements
	Must include Eng IV, Physics, and/or Chem	
Core Credit Reminders:		
Count as Math credits:	Accounting II, Digital Electronics, Robotics II, Stats & Business Decision Making	
Count as Science credits:	A&P, Medical Micro, Pathophysiology, Forensic Science, Advanced Animal Science, Principles of Engineering, Principles of Technology	
Additional Information:	Entrepreneurship - 1 semester but earn 1 credit / can partner with ProComm / 21st century credit	
	Career Prep - Students can use to complete ANY pathway	