



The 22-Credit Foundation

English 4 Credits		Math 3 Credits		Science 3 Credits		Social Studies 3 Credits		LOTE 2 Credits
must include: <ul style="list-style-type: none"> English I, English II, English III, and an additional, advanced English credit 	+	must include: <ul style="list-style-type: none"> Algebra I, Geometry, and a 3rd math credit 	+	must include: <ul style="list-style-type: none"> Biology, and <u>one</u> credit selected from: <ul style="list-style-type: none"> IPC, <u>or</u> Chemistry, <u>or</u> Physics, <u>AND</u> must include: <ul style="list-style-type: none"> a 3rd science credit 	+	must include: <ul style="list-style-type: none"> either World Geography <u>or</u> World History credit, <u>AND</u> must include: <ul style="list-style-type: none"> US History, Government (.5 credit), and Economics (.5 credit) 	+	must include: <ul style="list-style-type: none"> two (2) levels/credits in the same language in a language other than English <i>Katy ISD requires levels 1 and 2</i>
PE 1 Credit		Health .5 Credit		Fine Arts 1 Credit		Electives 4.5 Credits		Endorsement 4 credits
either a full credit from one course or a combination of half credits from two (2) separate courses	+	Katy ISD requires a half credit of Health <i>The full credit of Principles of Health Science may substitute</i>	+	the Fine Arts requirement <u>cannot</u> be earned through a combination of half credits from two (2) separate courses	+	must include: <ul style="list-style-type: none"> a communication skills component 	+	4 additional credits, including <ul style="list-style-type: none"> an additional math credit, and an additional science credit

Four math credits and four science credits are required for all endorsement categories. STEM requires Algebra II, Chemistry and Physics.



STEM (Science • Technology • Engineering • Math)

STEM Opt 1: CTE: Engineering	OR	STEM Opt 2: Advanced Math	OR	STEM Opt 3: Advanced Science	OR	STEM Opt 4: Computer Science	OR	STEM Opt 5: Combination
Four (4) CTE credits, which must include: <ul style="list-style-type: none"> • 2 credits in the STEM (Engineering) career cluster and one advanced CTE STEM (Engineering) credit 		A total of five (5) math credits, which must include: <ul style="list-style-type: none"> • Algebra I, • Geometry and • Algebra II, and • 2 additional math credits for which Algebra II is a prerequisite 		A total of five (5) science credits, which must include: <ul style="list-style-type: none"> • Biology, • Chemistry and • Physics, and • 2 additional science credits 		A total of four (4) credits in Computer Science or Computer Programming		A combination of credits earned through courses from <u>up to two (2)</u> STEM categories



Business & Industry

Business & Industry Opt 1: CTE	OR	Business & Industry Opt 2: Journalism or Speech	OR	Business & Industry Opt 3: Technology	OR	B & I Opt 4: Combination
Four (4) CTE credits, which must include: <ul style="list-style-type: none"> • Three (3) credits in the same career cluster, one (1) of which must be an advanced CTE credit 		Four (4) English elective credits, which must include: <ul style="list-style-type: none"> • Three (3) credits in <i>either</i> Newspaper <i>or</i> Yearbook, <u>OR</u> • Three (3) credits in <i>either</i> Debate <i>or</i> Oral Interpretation 		Four (4) Technology Applications credits		A total of four (4) credits earned through courses in a combination of Business & Industry categories



Public Services

Public Services Opt 1: Health Science	OR	Public Services Opt 2: Education	OR	Public Services Opt 3: Human Services	OR	Public Services Opt 4: Law, Public Safety...	OR	Public Services Opt 5: NJROTC
Four (4) CTE credits, which must include: <ul style="list-style-type: none"> • Three (3) credits in the Health Science career cluster, one (1) of which must be an advanced Health Science course selected from Anatomy & Physiology, Clinical Rotation, EMT Basic, Pharmacy Tech, or Dental Assisting 		Four (4) CTE credits, which must include: <ul style="list-style-type: none"> • Three (3) credits in the Education career cluster, one (1) of which must be an advanced Education course 		The following sequence of courses/credits from the Human Services career cluster: <ul style="list-style-type: none"> • Introduction to Cosmetology and • Cosmetology I, <u>AND</u> <ul style="list-style-type: none"> • Cosmetology Design & Color Theory and • Cosmetology II 		The following sequence of courses/credits from the Law career cluster: <ul style="list-style-type: none"> • Criminal Justice I: Law Enforcement I and Court Systems & Practices, and • Criminal Justice II: Law Enforcement II, Special Topics in Social Studies I (Civic Engagement) and II (Criminal Justice) <u>AND</u> <ul style="list-style-type: none"> • One (1) additional CTE credit 		NJROTC I NJROTC II NJROTC III and NJROTC IV



Arts & Humanities

Arts & Humanities Opt 1: Social Studies	OR	Arts & Humanities Opt 2: Languages Other Than English	OR	Arts & Humanities Opt 3: Fine Arts	OR	Arts & Humanities Opt 4: English Language Arts
<p>A total of five (5) Social Studies credits, which must include:</p> <ul style="list-style-type: none"> • either World History or World Geography, • US History, • Government (.5 credit), and • Economics (.5 credit) 	OR	<p>A total of four (4) World Languages credits, which must include:</p> <ul style="list-style-type: none"> • Four (4) credits in one language, <p><u>OR</u></p> <ul style="list-style-type: none"> • Two (2) credits in one language and two (2) credits in a second language 	OR	<p>A total of four (4) Fine Arts credits from <u>up to two (2)</u> Fine Arts disciplines:</p> <ul style="list-style-type: none"> • Art • Dance • Music • Theatre 	OR	<p>A total of four (4) English elective credits in addition to English I, English II and English III.</p>



Multidisciplinary Studies

Multidisciplinary Studies Opt 1: College / Workforce Readiness	OR	Multidisciplinary Studies Opt 2: "4 x 4"	OR	Multidisciplinary Studies Opt 3: AP, Dual Credit, or IB* Credits
<p>A total of four (4) additional/advanced credits that prepare the student to</p> <ul style="list-style-type: none"> enter postsecondary education without the need for remediation, <i>or</i> successfully enter the workforce 		<p>A total of four (4) credits in each of the four (4) foundation areas of:</p> <ul style="list-style-type: none"> English Language Arts Math Science Social Studies 		<p>A total of four (4) AP, Dual Credit, or IB* credits selected from the following categories:</p> <ul style="list-style-type: none"> English Language Arts Math Science Social Studies Languages Other Than English Fine Arts <p><i>*IB applies to transfer students only. The IB program is not offered in KISD.</i></p>