Keys to Using this Document:

Programs of study listed with an asterisk (*) indicate that the course of study listed is an example and that students have multiple means of completing that program of study. Programs of study that list more than 4 credits indicate that students may have a choice in the courses that they take.

In general, an endorsement requires 4 **credits.** Endorsements require a coherent sequence. Special explanations are listed in the first column of each endorsement.

Number in brackets [xxxx] indicate the KISD course code. Number in parentheses (x) indicate the number of credits earned for the course. Number of credits and course codes are subject to change.

Asterisk (*) indicates this course is highly recommended; however, it is not a course required for the purpose of earning an endorsement in the specified program of study.

Students who fall behind in credits may be subject to course requirements based on the number of credits earned.

All exceptions to course sequences listed in this document must be approved through the Killeen ISD Director for Secondary Curriculum. For questions regarding the content and use of this document, contact the Director for Secondary Curriculum at (254) 336-0215. The most current version of this document will be posted online at www.killeenisd.org.

STEM ENDORSEMENT					
Students earning STEM endorsement must earn credit for Algebra II, Chemistry, and Physics/Principles of Technology in addition to endorsement requirements.					

STEM		9th Grade	10th Grade	11th Grade	12th Grade
STEM	**Engineering STEG**	Principles of Applied Engineering [6569] (1)	Digital Electronics [5203] (1)	Engineering Science[6502] (1)	Engineering Design and Problem Solving [7967](1)
STEM	**Engineering Focus 2nd Option STEG2**	Principles of Applied Engineering [6569] (1)	Principles of Technology [7884] (1)	Engineering Science [6502J] (1) (CC)	Engineering Math [7966] (1) **AND** Digital Electronics [5203J] (1) (CC)
STEM	**Engineering Focus 3rd Option (CC) STEG3**	Principles of Applied Engineering [6569] (1)	Robotics I [7552] (1)	Robotics II [6588] (1) (CC)	Engineering Design and Presentation [6579] (1) (CC)
STEM Mathematics*	**Mathematics STMA**	Algebra I, Geometry, Algebra II, and two courses from the following list: Precalculus, AQR, Independent Study in Math, Discrete Mathematics for Problem Solving, AP Mathematics, IB Mathematics, AP computer Science, Engineering Mathematics, Statistics and Business Decision Making, Discrete Mathematics for Problem Solving			
STEM Science*	**Science STSC**	Biology [4700] (1) **OR** Biology PreAP [4723] (1) **OR** AP Biology [4713] (1)	Chemistry, Physics or PoT and two courses from the following list: Aquatic Science, Astronomy, Earth and Space Science, Environmental Systems, AP Science, IB science, Advanced Animal Science, Advanced Plant and Soil Science, Anatomy and Physiology, Medical Microbiology, Pathophysiology, Food Science, Forensic Science, Biotechnology I, Scientific Research and Design, Engineering Design and Problem Solving, Engineering Science. Note: Students may not earn science credit for both Physics and Principles of Technology.		

STEM		9th Grade	10th Grade	11th Grade	12th Grade
STEM Computer Science	**Computer Science STCS**	Computer Science [7400] (1) **OR** Fundamentals of Computer Science [3132] (1)	Computer Science I [7400](1) **OR** Computer Science II [3130](1) **OR** Digital Art and Animation[3129] (1) **OR** Computer Science I – Prog Fund I & II [3133/3134] (.5 each)	Computer Science II [3130] **OR** Web Design [3128] (1) **OR** Computer Science III [3131] (1) **OR** Digital Forensics [3143] (1) **OR** Computer Science II--Prog Fund I & II [3138/3139] (0.5 each).	AP Computer Science A [74041 &74042] (2) **OR** IB Computer Science HL II [3217](1) **OR** Computer Science III[3131](1) OR Computer Science III -- Computer Org &Prog Fund III [3140/3141] (.5 each)
STEM Robotics	**Robotics STRB (CC)**	Principles of Applied Engineering [6569] (1)	Robotics I [7552] (1)	Robotics II [6588] (1) (CC)	Practicum in STEM – Robotics [6587] (2) (CC)
STEM Renewable Energy	**Renewable Energy STRE (CC)**	Principles of Applied Engineering [6569] (1)	Engineering Design and Presentation I [6579] (1)	AC/DC Electronics [6583] (1) (CC)	Practicum in STEM – Renewable Energy [6586] (2) (CC) **AND** Engineering Science [6502J] (1) (CC)

STEM Custom – STCM
Algebra II, Chemistry, Physics, and a coherent sequence of 3 additional credits from no more than two of the categories or disciplines from STEM Mathematics, Engineering, Science, or Computer Science. Contact Director for Secondary Curriculum or Director for Guidance for approval.

BUSINESS AND INDUSTRY ENDORSEMENT					
Business and Industry		**Level 1**	**Level 2**	**Level 3**	**Level 4**
Business and Industry Agriculture	**Animal Science (CC) BIAS**	Principles of Agriculture [7518] (1)	Equine Science [7564](.5) **AND** Small Animal Mgmt [7562](.5)	Vet Med App [6047] (1) (CC)	Practicum in Ag-Vet Med [6071](2) (CC**) AND/OR** Advanced Animal Science [7952](1) (CC)
Business and Industry Agriculture	**Natural Resource Systems/ Plant Science (CC) BIRP**	Principles of Agriculture [7518] (1)		Principles and Elements of Floral Design [7953](1)	Practicum in Ag – Floral Design [6073] (2) (CC) **AND** Advanced Plant and Soil (CC) (1)
Business and Industry Architecture and Construction	**Interior Design (CC) BIDN**	Principles of Architecture [7520] (1) **OR** Principles of Construction [6159] (1)*	Principles and Elements of Floral Design [7953](1)	Interior Design I [6523](1) (CC)	Interior Design II[6158] (2) (CC)
Business and Industry Architectural Design	**Architectural Design (CC) BIAD**	Principles of Architecture [7520] (1)*	Architectural Design I [6139] (1) (CC)	Architectural Design II [6140] (2) (CC)	Practicum in Architectural Design [6141] (2) (CC)
Business and Industry Construction	**Construction Carpentry (CC) BICN**	Principles of Construction [6159] (1)* **OR** Principles of Architecture*	Construction Technology I (2) [6160] (CC)	Construction Technology II [6161] (2) (CC)	Practicum in Construction Technology [6162] (2) (CC)
Business and Industry Construction	**Electrical Technology (CC) BIET**	Principles of Construction [6159] **OR** (1)* Principles of Architecture [7520] (1)*	Electrical Technology I [7667] (1) (CC)	Electrical Technology II [7668] (2) (CC)	Practicum in Construction Electrical Technology [7669] (2) (CC)
Business and Industry Arts, Audio/Video Technology, Communications	**A/V Production (CC) BIAV**	Principles of Arts A/V [6014] (1)*	Audio/Video Production I/ Lab (2) [7956] (CC)	Advanced Audio/Video Production II/Lab (2) [7955] (CC)	Practicum in A/V Production [6067] (2) (CC)
Business and Industry Arts, Audio/Video Technology, Communications	**Animation (CC) BIAN**	Principles of Arts A/V [6014] (1)*	Graphic Design and Illustration I [6010] (1)	Animation I/Lab (2) [6076] (CC)	Animation II/Lab (2) [3106] (CC)

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Business and Industry		Level 1	Level 2	Level 3	Level 4
Business and Industry Arts, Audio/Video Technology, Communications	**Graphic Design and Illustration (CC) BIGD**	Principles of Arts A/V [6014] (1)*	Graphic Design and Illustration I [6010] (1) or [6010J] (1) (CC)	Graphic Design and Illustration II/Lab (2) [6052] (CC)	Practicum in Graphic Design and Illustration [6068] (2) (CC)
	Commercial Photography (CC) BICP	Principles of Arts A/V [6014] (1) *	Commercial Photography I [6013](1) (CC)	Commercial Photography II/Lab (2) [6087] (CC)	Practicum in Commercial Photography [6174] (2) (CC)
Business and Industry Arts, Audio/Video Technology, Communications	**Digital Audio Technology (CC) BIRB**	Principles of Arts A/V [6014](1)	Project-Based Research – Introduction to Digital Audio Technology [6175] (1) (CC)	Digital Audio Technology I [6163] (1) (CC)	Digital Audio Technology II [6164] (1) (CC)
Business and Industry Arts, Audio/Video Technology, Communications	**Video Game Design (CC) BIVG This program of study requires computer programming and strong foundation in mathematics.**	Principles of Arts A/V [6014](1) **OR** Video Game Design (10th Grade) (1) (CC)	Video Game Programming [6080] (1) (CC)		Project Based Research-- Video Game Design III [6127] (1) (CC)
Business and Industry Hospitality and Tourism	**Culinary (CTC) BICY**	Principles of Hospitality & Tourism [6120] (1) Note: This is an 11th grade course and must be taken concurrently with Culinary Arts [6121] (2)	Culinary Arts [6121](2) Note: This is an 11th grade course and must be taken concurrently with Principles of Hospitality & Tourism [6121] (1)		Practicum in Culinary Arts [6122] (2) **AND** Practicum in Culinary Arts II [6123] (2) (3 periods long)
Business and Industry Hospitality and Tourism	**Hospitality Services (CC)**	Principles of Business, Marketing, and Finance [7519] (1)	Hotel Management[6176] (1) (CC) **OR** Travel and Tourism Management[6177] (1) (CC)	Hospitality Services[6178] (2) (CC)	Career Prep

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Business and Industry		Level 1	Level 2	Level 3	Level 4
Business and Industry Information Technology	**Cyber Security and Networking (CC) BICS**	Principles of IT [7610] (1)	Computer Maintenance/ Lab [6629] (2) (CC)	Digital Forensics[3143] **OR** Networking [6056]	Practicum of Information Technology [6059] (2) (CC)
Business and Industry Manufacturing	**Welding (CC) BIWG**	Principles of Agriculture [7518](1)*	Welding [7521](2) (CC)	Welding II [7666](2) (CC)	Practicum in Manufacturing-Welding [6129](2) (CC)
Business and Industry Transportation, Distribution, & Logistics	**Auto Tech (CC) BIAT**			Automotive Technology I: Maintenance and Light Repair [6083](2) Note: This course can be taken in 10th grade.	(CC)Automotive Technology II: Automotive Service [6084](2) (CC) Practicum in Transportation Systems—Automotive Technology [6063](2) (CC)
Business and Industry Transportation, Distribution, & Logistics	**Auto Collision (CC) BIAC**		Collision Repair [6180] (2) (CC)	Paint and Refinishing [6181] (2) (CC)	Practicum in Transportation Systems—Collision Repair & Refinishing [6182] (2)
Business and Industry Finance	**Accounting BIAG (CC)**	Principles of Business, Marketing, and Finance [7519](1)	Accounting I [7575](1) (CC)	Accounting II [7578] (1) (CC)	Statistics and Business Decision Making [7963] (1) (CC) (Note: Course ends in June of 2022) **OR** Career Prep I
Business and Industry Marketing	**Marketing (CC) BIMK**	Principles of Business, Marketing, Finance [7519](1)	Sports and Entertainment Marketing[7729] (.5) (CC) **AND** Fashion Marketing [7516] (.5) (CC)	Advertising [7950](.5) (CC) **AND** Social Media Marketing [6148] (.5) (CC)	Practicum in Marketing [6147] (2) (CC)
Business and Industry Marketing	**Entrepreneurship (CC) BIME**	Principles of Business, Marketing, Finance [7519](1)	Entrepreneurship [6573] (1) (CC)	Advertising [7950](.5) (CC) **AND** Social Media Marketing [6148] (.5) (CC)	Practicum in Marketing [6147] (2) (CC)

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Business and Industry		Level 1	Level 2	Level 3	Level 4
Business and Industry Business Management	**Business Management BIBM (CC)**	Principles of Business, Marketing, Finance [7519](1)	Business Law [6183](1)	Global Business [6184](.5) (CC)**AND** Human Resource Management [6185] (.5) (CC) **OR** Business Management (CC) [6128] (1)	Career Prep I
Business and Industry Newspaper	**Newspaper BINP**	Journalism [1113](1)	Adv. Journalism I Newspaper [1117] (1)	Adv. Journalism II Newspaper [1118] (1)	Adv. Journalism III Newspaper [1119] (1)
Business and Industry Yearbook	**Yearbook BIYB**	Journalism [1113](1)	Adv. Journalism I Yearbook [1114] (1)	Adv. Journalism II Yearbook [1115] (1)	Adv. Journalism IIII Yearbook [1116] (1)
Business and Industry Advanced Broadcast Journalism	**Advanced Broadcast Journalism BIAB**	Journalism [1113](1)	Adv. Journalism I Newspaper [1117] (1)	Advanced Broadcast Journalism I [1121] (1)	Advanced Broadcast Journalism II [1122] (1)
Business and Industry Debate	**Debate BIDB**	Debate I [6311] (1)	Debate II [1252] (1)	Debate III [1253] (1)	Independent Study in Speech [6317] (1)
Business and Industry Custom-BICM	A student may take 4 credits from courses in the Business and Industry endorsement but must take one course from the Level 2 grade column. Contact Director for Secondary Curriculum or Director for Guidance for approval.				

ARTS AND HUMANITIES ENDORSEMENT					
Arts and Humanities		9th Grade	10th Grade	11th Grade	12th Grade
Arts and Humanities Visual Arts: Students may mix courses from two disciplines (drawing, painting, sculpture). Students must have a course from each of levels I, II, III, IV.					
Art and Humanities Fine Arts	Drawing AHDG	Art I [1610] (1)	Art II Drawing [1620] (1)	Art III Drawing [1630] (1)	Art IV Drawing [1640] (1) OR AP Studio Art Drawing [1650] (1) OR AP Studio-2 D Design [1651] (1) OR AP Art History [1653] (1)
Arts and Humanities Fine Arts	Painting AHPG	Art I [1610] (1)	Art II Painting [1655] (1)	Art III Painting [1657] (1)	Art IV Painting [1659] (1)OR AP Studio-2 D Design [1651] (1) OR AP Art History [1653] (1)
Arts and Humanities Fine Arts	Sculpture AHSP	Art I [1610] (1)	Art II Sculpture [1656] (1)	Art III Sculpture [1658] (1)	Art IV Sculpture [1660] (1) OR AP Studio-3D Design Sculpture [1652] (1) OR AP Art History [1653](1)
Arts and Humanities Fine Arts	Band AHBD	Music I Band [1853] OR [1863] OR [1991] (1) OR Music I Band (PE Credit) [1837] OR [1835] OR [1833] (1) OR Band I Cadet [1860] (1) OR Music I Jazz Band [1840] (1) OR Steel Drum Band I [1870] (1) OR Color Guard I [2240] (1)	Music II Band [1854] OR [1864] (1) OR Music II Band (PE Credit) [1838] OR [1836] OR [1834] (1) Music II Jazz Band [1841] OR Steel Drum Band II [1871](1) OR Color Guard II [2241](1)	Music III Band [1855] OR [1865] (1) OR Music III Jazz Band [1842] (1) OR Steel Drum Band III [1872] (1) OR Color Guard III [2242] (1)	Music IV Band [1856] OR [1866] (1) OR Music IV Jazz Band [1843] (1) OR Steel Drum Band IV [1873] (1) OR Music Theory [2400, 2402] (1) OR Color Guard IV [2243] (1)
Arts and Humanities Fine Arts	Guitar/ Mariachi (HHHS) AHGR	Guitar I – NV, JV or Varsity [8014] OR [8018] OR [8010] (1) OR Mariachi I [8006] (1)	Guitar II [8015] OR [8019] OR [8011] (1) OR Mariachi II [8007] (1)	Guitar III [8016] OR [8020] OR [8012] (1) OR Mariachi III [8008] (1)	Guitar IV [8017] OR [8021] OR [8013] (1) OR Mariachi IV [8009] (1)

Arts and Humanities		9th Grade	10th Grade	11th Grade	12th Grade
Arts and Humanities Fine Arts	Choir AHCH	Music I Choir Treble [2140] **OR** [2144] **OR** [2148] **OR** [2152] (1) **OR** Music I Choir Tenor/Bass [2160] (1) **OR** Music I Choir Mixed [2170] (1) **OR** Music I Choir Mixed Chorale Varsity [2174] (1) **OR** Music I Vocal Ensemble [2121] (1)	Music II Choir Treble [2141] **OR** [2145] **OR** [2149] **OR** [2153] (1) **OR** Music II Choir Tenor/Bass [2161] (1) **OR** Music II Choir Mixed [2171] (1) **OR** Music II Choir Mixed Chorale Varsity [2175] (1) **OR** Music II Vocal Ensemble [2122] (1)	Music III Choir Treble [2142] **OR** [2146] **OR** [2150] **OR** [2154] (1) **OR** Music III Choir Tenor/Bass [2162] (1) **OR** Music III Choir Mixed [2172] (1) **OR** Music III Vocal Ensemble [2123] (1)	Music IV Choir Treble [2143] **OR** [2147] **OR** [2151] **OR** [2155] (1) **OR** Music IV Choir Tenor/Bass [2163] (1) **OR** Music IV Choir Mixed [2173] (1) **OR** Music IV Vocal Ensemble [2124] (1) **OR** Music Theory [2400, 2402] (1)
Arts and Humanities Fine Arts	Theatre AHTH	Theatre Arts I [2300] **OR** [2341] (1) **OR** Theatre Arts II [2301] **OR** [2342] (1) **OR** Theatre Production I [2320] (1) **OR** Technical Theatre I [2340] (1)	Theatre Arts II [2301] **OR** [2342] (1) **OR** Theatre Arts III [2302] **OR** [2343] (1) **OR** Theatre Production I [2320] (1) **OR** Theatre Production II [2321] (1) **OR** Technical Theatre I [2340] (1) **OR** Technical Theatre II [8201] (1)	Theatre Arts III [2302] **OR** [2343] (1) **OR** Theatre Arts IV [2303] **OR** [2344] (1) **OR** Theatre Production I [2320] (1) **OR** Theatre Prod II [2321] (1) **OR** Theatre Prod III [2322] (1) **OR** Technical Theatre I [2340] (1) **OR** Technical Theatre II [8201] (1) **OR** Technical Theatre III [8401] (1)	Theatre Arts IV [2303] **OR** [2344] (1) **OR** Theatre Production I [2320] (1) **OR** Theatre Prod II [2321] (1) **OR** Theatre Prod III [2322] (1) **OR** Theatre Prod IV [2323] (1) **OR** Technical Theatre I [2340] (1) **OR** Technical Theatre II [8201] (1) **OR** Technical Theatre III [8401] (1) **OR** Technical Theatre IV [6138] (1)
Arts and Humanities Fine Arts	Orchestra (HHHS) AHOR	Music I Orchestra [1900] **OR** [1910] **OR** [1920] (1)	Music II Orchestra [1901] **OR** [1911] **OR** [1921] (1)	Music III Orchestra [1902] **OR** [1912] **OR** [1922] (1)	Music IV Orchestra [1903] **OR** [1913] **OR** [1923] (1) **OR** Music Theory [2400,2402] (1)
Arts and Humanities Fine Arts	Dance AHDN	Dance I [2200] (1) **OR** Dance I PE Sub [2255] (1) **OR** Dance I Drill Team [2251] **OR** [2220] (1) **OR** Dance I Drill Team PE Sub [2229] **OR** [2228] (1) Dance Ensemble I [2257] (1)	Dance II [2201] (1) **OR** Dance II PE Sub [2256] (1) **OR** Dance II Drill Team [2252] **OR** [2221] (1) Dance Ensemble II [2258] (1)	Dance III [2202] (1) **OR** Dance III Drill Team [2253] **OR** [2222] (1) Dance Ensemble III [2259] (1)	Dance IV [2203] (1) **OR** Dance IV Drill Team [2254] **OR** [2223] (1) Dance Ensemble IV [2260] (1)

Arts and Humanities		9th Grade	10th Grade	11th Grade	12th Grade
Arts and Humanities-Languages Other Than English (Student selects 4 years of the same language.)	LOTE 4 Year AHL4	French I [4200] (1) **OR** German I [4204] (1) **OR** Spanish I [4213] (1) **OR** Latin I [4208] (1)	French II [4201] (1) **OR** German II [4205] (1) **OR** Spanish II [4214] (1) **OR** Latin II [4209] (1)	French III PreAP [4227] (1) **OR** German III PreAP [4228] (1) **OR** Spanish III PreAP [4230] (1) **OR** Latin III PreAP [4229] (1)	AP French Language [4217] (1) **OR** AP German Language [4218] (1) **OR** AP Spanish Language [4221] (1) **OR** AP Latin Vergil [4219] (1) **OR** AP Spanish Literature V [4395] (1)
Arts and Humanities-Languages Other Than English (Student selects two years of two different languages.)	LOTE 2x2 AHL2	French I [4200] (1) **OR** German I [4204] (1) **OR** Spanish I [4213] (1) **OR** Latin I [4208] (1)	French II [4201] (1) **OR** German II [4205] (1) **OR** Spanish II [4214] (1) **OR** Latin II [4209] (1)	French I [4200] (1) **OR** German I [4204] (1) **OR** Spanish I [4213] (1) **OR** Latin I [4208] (1)	French II [4201] (1) **OR** German II [4205] (1) **OR** Spanish II [4214] (1) **OR** Latin II [4209] (1)
Arts and Humanities Social Studies (Students take **five [5]** social studies *credits*.)	Social Studies AHSS	World History [5304] (1) **OR** World History PreAP [5327] (1) **OR** AP World History [5315] (1) **OR** World Geography [5301] (1) **OR** World Geography PreAP [5322] (1)	World History [5304] (1) OR World History PreAP [5327] (1) OR AP World History [5315] (1) OR World Geography [5301] (1) OR World Geography PreAP [5322] (1) **AND** One additional credit of Social Studies	U S History [5303] (1) **OR** Pre-AP U S History [5336] (1) **OR** AP U S History [5311] (1) **OR** U S History DC [5351] (1)	U S Government [5302] (.5) **OR** AP U S Government [5309] (.5) **OR** U S Government DC [5347] (.5) **AND** Economics of the Free Enterprise System [5300] (.5) **OR** AP Microeconomics [5307] (.5) **OR** AP Macroeconomics [5308] (.5) **OR** Economics of Free Enterprise DC [5342] (.5)
Arts and Humanities Social Studies	Leadership Academy (EHS) AHLA	World History [5304] (1) **OR** AP World History [5315] (1) **AND** Principles of Government and Public Administration [6106] (1)	Project Based Research [6318] (1)	U S History [5303] (1) **OR** Pre-AP U S History [5336] (1) **OR** AP U S History [5311] (1) **OR** U S History DC [5351] (1) **AND** Leadership-Special Topics in Social Studies [5460] (1)	U S Government [5302] **OR** [5309] **OR** [5347] (.5) **AND** Economics of the Free Enterprise System [5300] (.5) **OR** AP Microeconomics [5307] (.5) **OR** AP Macroeconomics [5308] (.5) **OR** Economics of Free Enterprise DC [5342] (.5) **AND** Leadership-Social Studies Advanced Studies [5461] (1)

Arts and Humanities		9th Grade	10th Grade	11th Grade	12th Grade
Arts and Humanities English* (Students select **4 credits** from the courses listed, in any order**)**	**English AHEN**	Select 4 credits from the following list of courses: Communication Applications [6307] (.5), Literary Genres [1334] (1), Creative Writing [1329] (1), Research and Technical Writing [1214] (1), English IV [1105] (1), Independent Study in English [1192] [1193](.5), AP English Literature and Composition IV [1137] (1)			
Note: Students earning the Arts and Humanities—Fine Arts endorsement may select courses from up to two disciplines within fine arts provided the prerequisite requirements are met and at least one course from the Level 2 grade column is taken.					

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PUBLIC SERVICE ENDORSEMENT					
Public Service		**Level 1**	**Level 2**	**Level 3**	**Level 4**
Public Service Education and Training	**Education and Training (CC) PSET**	Principles of Education and Training [7982](1)*	Human Growth and Development [6015] (1) (Preferred) **OR** Child Development [6118] (1)	Instructional Practices [7959](2) (CC)	Practicum in Education and Training [7663](2) (CC)
Public Service	**Cosmetology (CC) PSCO**	Principles of Human Services [6012] (1)		Cosmetology I (3) (CC) [7629]	Cosmetology II (3) (CC) [7630]
Public Service	**Firefighter (Fire Academy) PSFF**	Principles of Health Sciences [6011](1)*		Firefighter I (2) [7793] **AND** Project-Based Research-- Firefighter (1) [6191]	Firefighter II [7728](3)
Public Service	**Law Enforcement PSLE**	Principles of Law, Public Safety, Corrections, and Security [6192] (1)	Law Enforcement I [7510](1) Criminal Investigations [6611] (1) (Note:12th grade course)	Law Enforcement II [7511](1) **OR** Correctional Services [7523](1)	Forensic Science
Public Service	**ROTC PSRC**	JROTC I PE Sub [4051] (1) **OR** JROTC I [4055](1)	JROTC II [4052](1)	JROTC III [4053](1)	JROTC IV [4054](1)
Public Service	**Leadership Academy (EHS) PSLA**	Principles of Government and Public Administration [6106](1)	Project Based Research-- Principles of Leadership [6318](1)	Political Science I [6107](1)	Political Science II [6108](1)

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Public Service		Level 1	Level 2	Level 3	Level 4
Public Service	Health Science EMT (CC) PSEM	Principles of Health Science [6011](1)	Medical Terminology [6186]	Health Science Theory [6193] (1) A&P of Human Systems HNRS [7653](1) as an optional Science Credit.	Practicum—EMT/Extended (3) [6170] (CC) Pathophysiology [6135] (1) (CC) as an optional Science Credit.
Public Service	Health Science CMA (CC) PSMA	Principles of Health Science [6011](1)	Medical Terminology [6186]	Health Science Theory [6193] (1) A&P of Human Systems HNRS [7653](1) as an optional Science Credit.	Practicum Health Science II- CMA [6590] (2) (CC) Pathophysiology [6135] (1) (CC) as an optional Science Credit.
Public Service	Health Science Pharmacology (CC) PSPM	Principles of Health Science [6011](1)	Medical Terminology [6186]	Health Science Theory [6193] (1) A&P of Human Systems HNRS [7653](1)	Practicum Health Science I—Pharmacology (2) [6201] (CC) Pharmacology [6197] (1) (CC) (11th Grade Course) Pathophysiology [6135] (1) (CC)as an optional Science Credit.
Public Service	Health Science Phlebotomy (CC) PSPB	Principles of Health Science [6011](1)	Medical Terminology [6186]	Health Science Theory [6193] (1) A&P of Human Systems HNRS [7653](1)	Practicum Heath Science II—Phlebotomy [6550](2) (CC) Pathophysiology [6135] (1) (CC) as an optional Science Credit.

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Public Service		Level 1	Level 2	Level 3	Level 4
Public Service	**Health Science Patient Care Tech (CC) PSPT**	Principles of Health Science [6011](1)	Medical Terminology [6186]	Health Science Theory [6193] (1) A&P of Human Systems HNRS [7653](1) as an optional Science Credit.	Practicum in Health Science - Patient Care Tech(PCT) [6200] Pathophysiology [6135] (1) (CC) as an optional science credit.
Public Service	**Health Science Pre-Nursing (CC) PSPN**	Principles of Health Science [6011] (1) *	Medical Terminology [6186]	Pathophysiology [6135] (1) (CC), Psychology DC [5455] (0.5), **AND** Special Topics in SS-Psychology DC [5466] (0.5) **Optional--** Health Science Theory [6193] (1)	Pharmacology DC (.5) [6201], **AND** Anatomy & Physiology DC [7665]
Public Service	**Health Science Dental Assistant (CC) PSDA**	Principles of Health Science [6011](1)	Medical Terminology [6186]	Health Science Theory [6193] (1) A&P of Human Systems HNRS [7653](1) as an optional Science Credit.	Practicum in Health Science I —Dental Assistant/Extended (3) [6551] (CC) Pathophysiology [6135] (1) (CC) as an optional Science Credit.

MULTIDISCIPLINARY ENDORSEMENT					
Multidisciplinary		9th Grade	10th Grade	11th Grade	12th Grade
Multidisciplinary* (Student is required to take **4** years each in English, Mathematics, Social Studies, and Science; including English IV, Chemistry and/or Physics	**Core MDCR**		Chemistry [4703] (1) **OR** PreAP Chemistry [4731] (1) **OR** Physics [4704] **(1) OR** PreAP Physics [4732](1)		English IV [1105] (1) **OR** AP English Literature and Composition [1137] **OR** English IV DC [1190] (1)
Multidisciplinary* (Student is required to successfully complete four credits in AP, IB, or DC from English, Math, science, social studies or fine arts	**AP, IB, Dual Credit MDAD**	AP, IB, Dual Credit	AP, IB, Dual Credit	AP, IB, Dual Credit	AP, IB, Dual Credit
Multidisciplinary MDAV* -- Four advanced courses that prepare a student to enter the workforce successfully or postsecondary education without remediation from within one endorsement area or among endorsement areas that are not in a coherent sequence. Contact Director for Secondary Curriculum or Director for Guidance for approval.					

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