

GENERIC DEGREE PLAN (Alg 1 and Biology in 8th Grade) - 2016-2017 and Beyond

	8th Grade	Fall 9th	Spring 9th	Fall 10th	Spring 10th	Fall 11th	Spring 11th	Fall 12th	Spring 12th
ENGLISH		ENGLISH I		ENGLISH II		ENGLISH III ENGL 1301 ENGLISH III ENGL 1302 (Prereq ENGL1301)		ENGLISH IV ENGL 2311(Prereq ENGL 1301)	ENGLISH IV ENGL 2326(Prereq ENGL1302)
MATH	ALG 1	GEOMETRY		ALGEBRA II (Semester 1)	ALGEBRA II (Semester 2) 1) HS (Non-TSI) or 2) MATH 1314 TSI>360 or 3) MATH 1332 (TSI 350- 359)	1) SEMESTER 1 PRECAL/ SEMESTER 2 MATH 1316 (Prereq 1314) or 2) 2 courses from below: MATH 1314; MATH 1324 Prereq 1332 or 1314; MATH 1332; MATH 1342 Prereq 1332 or 1314; MATH 1325 Pre req 1324		1) MATH 2413 (ALL YEAR) Prereq MATH 1316) or 2) 2 courses from below: MATH 1314; MATH 1324 Prereq 1332 or 1314; MATH 1332; MATH 1342 Prereq 1332 or 1314; MATH 1325 Pre req 1324; MATH 1350 Prereq 1314; MATH 1351	
SOCIAL STUDIES		W. HISTORY					U.S. HISTORY HIST 1301 AND HIST 1302	GOVERNMENT GOVT 2305	ECONOMICS or ECON 2301
SCIENCE	BIOLOGY	CHEMISTRY		1) AGRI 1419 (TSI RW) all year; or 2) 2 courses from below: BIOL 1408 (TSI R/W) BIOL 1409 (TSI R/W); GEOL 1401 (TSI R); GEOL 1402 (TSI R); BIOL 2401 (TSI R/W); BIOL 2402 (TSI R/W) HS PHYSICS NON-TSI (Biomedical/Vet Agri 1419)		1) AGRI 1419 (TSI RW) all year; or 2) 2 courses from below: BIOL 1406; Prereq Math 1314 TSI R, W, M; BIOL 1407; Prereq Math 1314; TSI R, W, M; BIOL 1408 (TSI R/W) BIOL 1409 (TSI R/W); GEOL 1401 (TSI R); GEOL 1402 (TSI R); BIOL 2401 (TSI R/W); BIOL 2402 (TSI R/W); CHEM 1411 Prereq MATH 1314 TSI R,W,M; CHEM 1412 MATH 1314 TSI R,W,M; BIOL 1322 TSU R,W; WIND 2310 Prereq WIND 1310 TSI R,W,M; HS PHYSICS NON-TSI (Biomedical/Vet Any Biology or Chemistry) (Biomedical Human -		1) PHYS 1401; Prereq MATH 1316; TSI R,M; and PHYS 1402; Prereq PHYS 1401; 2) AGRI 1419 (TSI RW) all year; or 3) 2 courses from below: BIOL 1406; Prereq Math 1314 TSI R, W, M; BIOL 1407; Prereq Math 1314; TSI R, W, M; BIOL 1408 (TSI R/W) BIOL 1409 (TSI R/W); GEOL 1401 (TSI R); GEOL 1402 (TSI R); BIOL 2401 (TSI R/W); BIOL 2402 (TSI R/W); CHEM 1411 Prereq MATH 1314 TSI R,W,M; CHEM 1412 MATH 1314 TSI R,W,M; BIOL 1322 TSU R,W; WIND 2310 Prereq WIND 1310 TSI R,W,M; HS PHYSICS NON-TSI	
OTHER LANGUAGES				SPANISH I		SPANISH II 1411	SPAN SPANISH II 1412		
P.E.		P.E. OR ATHLETICS		(AFTER 9TH GRADE ATHLETICS IS AN ELECTIVE)					
AVID		AVID 1		AVID 2		AVID 3		AVID 4	
FINE ARTS		BAND/ THEATER ARTS/		(AFTER 9TH GRADE FINE ARTS IS AN ELECTIVE)					
ELECTIVES:		COLLEGE COURSE		ATHLETICS; BAND; PATHWAY		ATHLETICS; BAND; PATHWAY		ATHLETICS; BAND; PATHWAY	
ASSOCIATE'S DEGREE		PSYC 1300	MUSI 1306	SPCH 1315 OR SPCH 1321 (TSI R)	ELECTIVE	ELECTIVE	ELECTIVE	PSYC 2301Gen Psychology	GOVT 2306Texas Government

PATHWAYS

BIOMEDICAL/CVA LEVEL I	VET MED APS	(Ag Laboratory & Field Experience) (AGRI	MED TERM; PHARMACOLOGY; AND/OR	PRACTICUM AND EXTENDED PRACTICUM
BIOMEDICAL/ HUMAN	VET MED APS	MED TERM; BCIS 1305; TOUCH SYSTEM DATA	LEGAL, ETHICAL ASPECTS OF HEALTH;	PRINCIPLES INFO TECH; MEDICAL CODING;
ENGR/COMPUTER	COMP PROG 1; GRAPHIC	COMP PROG 2; GRAPHIC DESIGN	PRACTICUM IN INFORMATION TECH; OR	PRACTICUM AND EXTENDED PRACTICUM
ENGR/ROBOTICS	ROBOTICS 1	ROBOTICS 2	ENGINEERING DESIGN & PROBLEM SOLVING and	PRACTICUM AND EXTENDED PRACTICUM
ENGR/DRONES	INTRO TO AIRCRAFT TECH	AIRCRAFT, AIRFRAME TECHNOLOGY 1	AIRCRAFT, AIRFRAME TECHNOLOGY 2;	PRACTICUM AND EXTENDED PRACTICUM
ENGR/WELDING	AG MECHANICS METAL TECH	AG STRUCTURES DESIGN (TSTC 1428)	AG EQUIP DESIGN (TSTC 1417); (TSTC 1313)	PRACTICUM AND EXTENDED PRACTICUM
EDUCATION		FAMILY STUDIES; CHILD GUIDANCE;	PRINC EDUCATION; NUTRITION & WELLNESS;	PRACTICUM AND EXTENDED PRACTICUM
LAW		DEBATE 1	DEBATE 2; PRACTICUM;	PRACTICUM AND EXTENDED PRACTICUM
BUSINESS		BUSI 1301	BCIS 1305	PRACTICUM IN BUSINESS
				PRACTICUM AND EXTENDED PRACTICUM

STEM ACADEMY 5 YEARS OF MATH OR SCIENCE

(These are suggested courses and may change according to Pathway and Associat'es Degree and/or Certification.)