

Pleasant Grove High School Early Enrollment Pathway Plan

Associate of Science Degree

Major: Mathematics

Student Name_____ TC ID#_____

Academic Coach for Dual Credit (AC/DC)

TSIA2 Eng_____TSIA2 Math___ACT___PSAT___EOC Eng II____EOC Alg. I + Alg. II C+_____

CORE COURSES - 42 Total Hours ENGL 1301 Composition II* OB OB OB II, 12 or *EA ENGL 1302 Composition II* 3 II, 12 or *EA MATH 1310 Plane Trigonometry ^a 3 II, 12 or *EA MATH 1316 Plane Trigonometry ^a 3 II, 12 or *EA MIST 1302 United States History II* 3 II, 12 or *EA XXXX xxxx Creative Arts Elective* 3 II, 12 or *EA XXXX xxxx Creative Arts Elective* 3 II, 12 or *EA SPCH 1315 Public Speaking? 3 II, 12 or *EA Business & Professional Speaking? 3 II, 12 or *EA GOT 2305 Federal Government? 3 II, 12 or *EA MXXX xxxx Life & Physical Sciences ³ 3 II, 12 or *EA GOVT 2305 Federal Government? 3 II, 12 or *EA MXXX xxxx Life & Physical Sciences ³ 3 II, 12 or *EA MXXX xxxx Life & Physical Sciences 1a ³ 11, 12 or *EA <t< th=""><th></th><th></th><th>Credit</th><th>Grade Level</th><th>Grade Level Course is</th><th></th></t<>			Credit	Grade Level	Grade Level Course is					
ENGL 1301 Composition 1 ¹ 3 11, 12 or *EA ENGL 1302 Composition 1 ¹ 3 11, 12 or *EA MATH 1316 Plane Trigonometry ² 3 10, 11, 12 or *EA MATH 1316 Plane Trigonometry ² 3 10, 11, 12 or *EA HIST 1301 United States History 1 ⁶ 3 11, 12 or *EA XXXX xxxxx Creative Arts Elective ⁵ 3 9, 10, 11, 12 or *EA XXXX xxxxx Creative Arts Elective ⁵ 3 10, 11, 12 or *EA SPCH 1315 Public Speaking ⁸ 3 10, 11, 12 or *EA SPCH 1321 Business & Professional Speaking ⁹ 10, 11, 12 or *EA SPCH 1321 Business & Professional Speaking ⁹ 10, 11, 12 or *EA XXXX xxxxx ENGL 2327/2328 World Civilizations 1/1 ⁴ 3 HIST 2321/2322 World Civilizations 1/1 ⁴ 3 12 or *EA GOVT 2305 Federal Government? 3 11, 12 or *EA XXXX xxxx Life & Physical Sciences ³ 3 11, 12 or *EA EDUC/PSVC 1300 Learning Frameworks ⁶ 3 11, 12 or *EA	TC Course	Courses Title	Hours	Completed	Available	Comments/Planning				
ENGL 1302 Composition II: OR OR OR OR OR S 11, 12 or *EA MATH 1316 Plane Trigonometry ² 3 10, 11, 12 or *EA HIST 1301 United States History If ⁶ 3 11, 12 or *EA HIST 1301 United States History If ⁶ 3 11, 12 or *EA XXXX xxxx Coreative Arts Elective ⁶ 3 9, 10, 11, 12 or *EA SPCH 1315 Public Speaking ⁹ 3 10, 11, 12 or *EA SPCH 1315 Public Speaking ⁹ 3 10, 11, 12 or *EA SPCH 1321 Business & Professional Speaking ⁹ 3 10, 11, 12 or *EA SPCH 1321 Business & Professional Speaking ⁹ 3 10, 11, 12 or *EA SPCH 1321 Business & Professional Speaking ⁹ 3 10, 11, 12 or *EA SPCH 1321 Business & Professional Speaking ⁹ 3 10, 11, 12 or *EA SPCH 1321 Business & Professional Speaking ⁹ 3 10, 11, 12 or *EA SPCH 1321 Federal Government ⁷ 3 12 or *EA 12 or *EA GOVT 2305 Fe	CORE COURSES - 42 Total Hours									
OR ENGL 2311 OR Technical & Business Writing ¹ 3 11, 12 or *EA MATH 1316 Plane Trigonometry ² 3 10, 11, 12 or *EA HIST 1301 United States History I ⁶ 3 11, 12 or *EA HIST 1302 United States History I ⁶ 3 11, 12 or *EA KXXX xxxx Creative Arts Elective ² 3 10, 11, 12 or *EA SXXX xxxx Creative Arts Elective ² 3 10, 11, 12 or *EA SVEN xxxx Creative Arts Elective ² 3 10, 11, 12 or *EA SPCH 1315 Public Speaking ⁹ 3 10, 11, 12 or *EA SPCH 1321 Business & Professional Speaking ⁹ 3 10, 11, 12 or *EA SPCH 1321 Business & Professional Speaking ⁹ 3 10, 11, 12 or *EA SPCH 1321 Business & Brofessional Speaking ⁹ 3 10, 11, 12 or *EA GOVT 2305 Federal Government ⁷ 3 12 or *EA SVXX xxxx Life & Physical Sciences ³ 3 11, 12 or *EA XXXX xxxx Life & Physical Sciences ³ 3 11, 12 or *EA SVXX xxxx	ENGL 1301		3		11, 12 or *EA					
Endi 231	ENGL 1302	Composition II ¹								
MATH 1316 Plane Trigonometry ³ 3 10, 11, 12 or *EA HIST 1301 United States History II ⁶ 3 11, 12 or *EA Income States History II ⁶ KXXX xxxx Creative Arts Elective ⁵ 3 9, 10, 11, 12 or *EA Grade level pending course XXXX xxxx Social & Behavioral Science ⁸ 3 0, 11, 12 or *EA Grade level pending course XXXX xxxx Social & Behavioral Science ⁸ 3 0, 11, 12 or *EA Grade level pending course SPCH 1321 Business & Professional Speaking ⁹ 3 10, 11, 12 or *EA Finde level pending course SPCH 1321 Business & Professional Speaking ⁹ 3 10, 11, 12 or *EA Finde level pending course SPCH 1321 Business & Professional Speaking ⁹ 3 12 or *EA Finde level pending course SPCH 1321 Business & Professional Speaking ⁹ 3 12 or *EA Finde level pending course SPCH 1321 Business & Professional Speaking ⁹ 3 12 or *EA Finde level pending course XXXX xxxx Life & Physical Sciences 10 finde level pending course 3 11, 12 or *EA Finde level pend	<u>OR</u>		3		11, 12 or *EA					
HIST 1301 United States History I ⁶ 3 11, 12 or *EA HIST 1302 United States History II ⁶ 3 11, 12 or *EA XXXX xxxx Creative Arts Elective ⁵ 3 9, 10, 11, 12 or *EA XXXX xxxx Social & Behavioral Science ⁸ 3 10, 11, 12 or *EA SPCH 1315 Public Speaking ⁸ 3 10, 11, 12 or *EA Business & Professional Speaking ⁹ 3 10, 11, 12 or *EA FENGL 2327/2322 Morican Literature I/II ⁴ HIST 2321/2322 World Literature I/II ⁴ HIST 2321/232 World Literature I/II ⁴ HIST 2321/232 World Literature I/II ⁴ HIST 2321/232 More I/I Literature I/II ⁴ HIST 2321/232 World Literature I/II ⁴ HIST 2321/232 More I/I Literature I/II ⁴ HIST 2321/232 More I/I Literature I/II ⁴ HIST 2321/232 World Literature I/II ⁴ SXXXX xxxx 11, 12 or *EA GOVT 2306 Texas Government ⁷ 3 11, 12 or *EA SVXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA SVXX	ENGL 2311	Technical & Business Writing ¹								
HIST 1302 United States History II ⁶ 3 11, 12 or *EA XXXX xxxx Creative Arts Elective ⁶ 3 9, 10, 11, 12 or *EA Grade level pending course XXXX xxxx Social & Behavioral Science ⁸ 3 10, 11, 12 or *EA Grade level pending course SPCH 1315 Public Speaking ⁹ 3 10, 11, 12 or *EA Grade level pending course SPCH 1321 Business & Professional Speaking ⁹ 3 10, 11, 12 or *EA In the second	MATH 1316		3		10, 11, 12 or *EA					
XXXX xxxx Creative Arts Elective? 3 9, 10, 11, 12 or *EA Grade level pending course XXXX xxxx Social & Behavioral Science® 3 10, 11, 12 or *EA Grade level pending course SPCH 1315 Public Speaking® 3 10, 11, 12 or *EA Grade level pending course SPCH 1321 Business & Professional Speaking® 3 10, 11, 12 or *EA Field 2327/328 American Literature I/II * XXXX xxxx ENGL 2327/328 World Literature I/II * 3 12 or *EA Field 232/233 World Literature I/II * XXXX xxxx HIST 2321/2322 World Civilizations I/II * 3 12 or *EA Field 24 GOVT 2305 Federal Government? 3 11, 12 or *EA Field 24 GOVT 2306 Texas Government? 3 11, 12 or *EA Field 24 XXXX xxxx Life & Physical Sciences³ 3 11, 12 or *EA Offered at PG Fail 2 DUC/PSYC 1300 Learning Frameworks® 3 11, 12 or *EA Offered at PG Fail 2 XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA Girade level pending course XXXX xxxx	HIST 1301	United States History I ⁶	3		11, 12 or *EA					
NXXX xxxx Social & Behavioral Science [®] 3 10, 11, 12 or *EA SPCH 1315 OR 0R 3 10, 11, 12 or *EA SPCH 1321 Business & Professional Speaking ⁹ 3 10, 11, 12 or *EA SPCH 1321 ENGL 2327/2328 American Literature I/II * ENGL 2327/2328 American Literature I/II * HIST 2321/2322 World Civilizations I/II * PHIL 2306 Introduction to Ethics * 3 12 or *EA GOVT 2305 Federal Government? 3 *EA XXXX xxxx Ufe & Physical Sciences ³ 3 11, 12 or *EA Offered at PG Fall 2 XXXX xxxx Life & Physical Sciences ³ 3 11, 12 or *EA Offered at PG Fall 2 XXXX xxxx Life & Physical Sciences ³ 3 11, 12 or *EA Offered at PG Fall 2 XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA Offered at PG Fall 2 XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA Offered at PG Fall 2 XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA Grade level pending course XXXX xxxxx Life & Physical Sciences Lab ¹⁰ 1 <t< td=""><td>HIST 1302</td><td>United States History II⁶</td><td>3</td><td></td><td>11, 12 or *EA</td><td></td></t<>	HIST 1302	United States History II ⁶	3		11, 12 or *EA					
SPCH 1315 OR SPCH 1321 Public Speaking® OR Business & Professional Speaking® ENGL 2327/2328 American Literature I/II 4 HIST 2321/2322 World Civilizations I/II 4 PHIL 2306 Introduction to Ethics 4 GOVT 2305 10, 11, 12 or *EA XXXX xxxx ENGL 2327/2322 World Civilizations I/II 4 PHIL 2306 Introduction to Ethics 4 GOVT 2306 3 12 or *EA GOVT 2305 Federal Government? 3 12 or *EA GOVT 2306 Texas Government? 3 11, 12 or *EA GOVT 2306 Texas Government? 3 11, 12 or *EA MXXX xxxx Life & Physical Sciences ³ 3 11, 12 or *EA EDUC/PSYC 1300 Learning Frameworks® 3 11, 12 or *EA MXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA MATH 2413 Calculus I ¹² 4 11, 12 or *EA MATH 2414 Calculus I ¹² 4 *11, 12 or *EA MATH 2414 Calculus II ¹² 4 10, 11, 12 or *EA MATH 2414 Calculus II ¹² 4 *11, 12 or *EA *MATH 2415 Calculus II ¹² 4 *11, 12 or *EA MATH 2414 Calculus II ¹² 4 <td>XXXX xxxx</td> <td>Creative Arts Elective⁵</td> <td>3</td> <td></td> <td>9, 10, 11, 12 or *EA</td> <td>Grade level pending course</td>	XXXX xxxx	Creative Arts Elective ⁵	3		9, 10, 11, 12 or *EA	Grade level pending course				
OR SPCH 1321 OR Business & Professional Speaking ³ 10, 11, 12 or *EA KXXX xxxx ENGL 2327/2328 American Literature I/II ⁴ HIST 2327/2328 World Literature I/II ⁴ HIST 2327/2322 World Civilizations I/II ⁴ PHIL 2306 Introduction to Ethics ⁴ 3 12 or *EA GOVT 2305 Federal Government? 3 12 or *EA GOVT 2306 Texas Government? 3 11, 12 or *EA GOVT 2306 Texas Government? 3 11, 12 or *EA GOVT 2306 Texas Government? 3 11, 12 or *EA SXXX xxxx Life & Physical Sciences ³ 3 11, 12 or *EA EDUC/PSYC 1300 Learning Frameworks ⁹ 3 11, 12 or *EA MXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA MATH 2413 Calculus II ¹² 4 11, 12 or *EA MATH 2414 Calculus II ¹² 4 *EA *MATH 2318 Linear Algebra ¹² *3 10, 11, 12 or *EA MATH 2414 Calculus III ¹² 4 *EA MATH 2415 Calculus III ¹² 4 *Grade level pending course XXXX xxxx Any other core	XXXX xxxx	Social & Behavioral Science ⁸	3		10, 11, 12 or *EA					
SPCH 1321 Business & Professional Speaking? C C XXXX xxxx ENGL 2327/3228 American Literature I/II 4 ENGL 2332/2333 World Literature I/II 4 HIST 2321/322 World Civilizations I/II 4 PHIL 2306 Introduction to Ethics 4 3 12 or *EA GOVT 2305 Federal Government? 3 12 or *EA XXXX xxxx Life & Physical Sciences³ 3 11, 12 or *EA XXXX xxxx Life & Physical Sciences³ 3 11, 12 or *EA XXXX xxxx Life & Physical Sciences³ 3 11, 12 or *EA EDUC/PSYC 1300 Learning Frameworks ⁹ 3 11, 12 or *EA Offered at PG Fall 2 XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA MATH 2413 Calculus I ¹² 4 11, 12 or *EA MATH 2414 Calculus I ¹² 4 *EA *MATH 2414 Calcu	SPCH 1315	Public Speaking ⁹								
XXXX xxxx ENGL 2327/2328 American Literature I/II ⁴ ENGL 2332/2333 World Literature I/II ⁴ HIST 2321/2332 World Civilizations I/II ⁴ HIST 2321/2322 World Civilizations I/II ⁴ PHIL 2306 Introduction to Ethics ⁴ 3 12 or *EA GOVT 2305 Federal Government ⁷ 3 12 or *EA GOVT 2306 Texas Government ⁷ 3 12 or *EA GOVT 2306 Texas Government ⁷ 3 *EA XXXX xxxx Life & Physical Sciences ³ 3 11, 12 or *EA XXXX xxxx Life & Physical Sciences ³ 3 11, 12 or *EA EDUC/PSYC 1300 Learning Frameworks ⁹ 3 11, 12 or *EA XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA MATH 2413 Calculus I ¹² 4 *EA MATH 2413 Calculus I ¹² 4 *EA	OR	OR	3		10, 11, 12 or *EA					
XXXX xxxx ENGL 2332/2333 World Literature I/II ⁴ HIST 2321/2322 World Civilizations I/II ⁴ PHIL 2306 Introduction to Ethics ⁴ 3 12 or *EA GOVT 2305 Federal Government? 3 12 or *EA GOVT 2306 Texas Government? 3 12 or *EA KXXX xxxx Life & Physical Sciences ³ 3 11, 12 or *EA XXXX xxxx Life & Physical Sciences ³ 3 11, 12 or *EA XXXX xxxx Life & Physical Sciences ³ 3 11, 12 or *EA EDUC/PSYC 1300 Learning Frameworks ⁹ 3 11, 12 or *EA XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA MATH 2413 Calculus I ¹² 4 *I <th< td=""><td>SPCH 1321</td><td>Business & Professional Speaking⁹</td><td></td><td></td><td></td><td></td></th<>	SPCH 1321	Business & Professional Speaking ⁹								
GOVT 2306 Texas Government? 3 *EA XXXX xxxx Life & Physical Sciences ³ 3 11, 12 or *EA XXXX xxxx Life & Physical Sciences ³ 3 11, 12 or *EA EDUC/PSYC 1300 Learning Frameworks ⁹ 3 11, 12 or *EA COT 2406 Frameworks ⁹ 3 11, 12 or *EA COT 2400 Learning Frameworks ⁹ 3 11, 12 or *EA COT 2400 Learning Frameworks ⁹ 3 11, 12 or *EA Cottom Core HOURS 42 4 11, 12 or *EA XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA MATH 2413 Calculus I ¹² 4 *EA MATH 2414 Calculus I ¹² 4 *EA *MATH xxxx *MATH 2318 Linear Algebra ¹² *3+1/ 4 *EA *MATH xxxx *MATH 2315 Calculus III ¹² *3 10, 11, 12 or *EA # Grade level pending course MXXX xxxx Any other core course ¹² 3 10, 11, 1	XXXX xxxx	ENGL 2332/2333 World Literature I/II ⁴ HIST 2321/2322 World Civilizations I/II ⁴	3		12 or *EA					
OVEX Total J<	GOVT 2305	Federal Government ⁷	3		12 or *EA					
XXXX xxxx Life & Physical Sciences ³ 3 11, 12 or *EA EDUC/PSYC 1300 Learning Frameworks ⁹ 3 11, 12 or *EA Offered at PG Fall 2 TOTAL CORE HOURS 42 ADDITIONAL COURSES FOR DEGREE – 18 Total Hours XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA Offered at PG Fall 2 XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA A XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA A XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA A MATH 2413 Calculus I ¹² 4 *EA A MATH 2414 Calculus II ¹² 4 *EA A *MATH 2318 Linear Algebra ¹² *3+1/ 4 *EA A *MATH 2415 Calculus III ¹² 4 *EA A A BCIS 1305 Business Computer Applications ⁹ 3 10, 11, 12 or *EA A Grade level pending course XXXX xxxx Any other core course	GOVT 2306	Texas Government ⁷	3		*EA					
EDUC/PSYC 1300 Learning Frameworks ⁹ 3 11, 12 or *EA Offered at PG Fall 2 TOTAL CORE HOURS 42 ADDITIONAL COURSES FOR DEGREE – 18 Total Hours XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA 1 XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA 1 MATH 2413 Calculus I ¹² 4 11, 12 or *EA 1 MATH 2414 Calculus II ¹² 4 *EA 1 *MATH 2318 Linear Algebra ¹² *3+1/ MATH 2320 Differential Equations ¹² MATH 2415 Calculus III ¹² *3+1/ 4 *EA Grade level pending course BCIS 1305 Business Computer Applications ⁹ 3 10, 11, 12 or *EA # Grade level pending course XXXX xxxx Any other core course ¹² 1 # *Additional 1 SCH Free Elective Required if a 3 SCH MATH course is selected in finn semester	XXXX xxxx	Life & Physical Sciences ³	3		11, 12 or *EA					
TOTAL CORE HOURS 42 ADDITIONAL COURSES FOR DEGREE – 18 Total Hours XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA MATH 2413 Calculus I ¹² 4 11, 12 or *EA MATH 2414 Calculus II ¹² 4 *EA *MATH 2318 Linear Algebra ¹² *3+1/ 4 *EA *MATH 2310 Differential Equations ¹² 4 *EA Grade level pending course BCIS 1305 Business Computer Applications ⁹ 3 10, 11, 12 or *EA Grade level pending course XXXX xxxx Any Elective ¹¹ 1 # *Additional 1 SCH Free Elective Required if a 3 SCH MATH course is selected in finisemeter	XXXX xxxx	Life & Physical Sciences ³	3		11, 12 or *EA					
ADDITIONAL COURSES FOR DEGREE – 18 Total Hours XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA XXXX xxxx Life & Physical Sciences Lab ¹⁰ 1 11, 12 or *EA MATH 2413 Calculus I ¹² 4 11, 12 or *EA MATH 2414 Calculus II ¹² 4 *EA *MATH 2318 Linear Algebra ¹² *3+1/ 4 *EA *MATH 2320 Differential Equations ¹² MATH 2415 Calculus III ¹² *3+1/ 4 *EA BCIS 1305 Business Computer Applications ⁹ 3 10, 11, 12 or *EA # Grade level pending course XXXX xxxx Any other core course ¹² 1 # *Additional 1 SCH Free Elective Required if a 3 SCH MATH course is selected in fin semester	EDUC/PSYC 1300	Learning Frameworks ⁹	3		11, 12 or *EA	Offered at PG Fall 2				
XXXX xxxxLife & Physical Sciences Lab10111, 12 or *EAXXXX xxxxLife & Physical Sciences Lab10111, 12 or *EAMATH 2413Calculus I12411, 12 or *EAMATH 2414Calculus II124*EA*MATH 2318 Linear Algebra12*3+1/*EA*MATH 2320 Differential Equations12*3+1/MATH 2415 Calculus III126BCIS 1305Business Computer Applications9ORORXXXX xxxxAny other core course12XXXX xxxxAny effective11*XXX xxxx*Free Elective11*XXX xxxx*Free Elective11*XXX xxxx*Free Elective11*XXX xxxx*Free Elective11*XXX xxxx*Free Elective11*1#*XXX xxxx*Free Elective11*1#*XXX xxxx*Free Elective11*1*1*2*2*2*3*4*4*4*5*5*6*7*7*7*8*8*9*9*9*1*1*1*1*1*1*1*2*2*2*3*4*4*4*4*4*4*4*4*4*5*6*6<		TOTAL CORE HOURS	42							
XXXX xxxxLife & Physical Sciences Lab10111, 12 or *EAXXXX xxxxLife & Physical Sciences Lab10111, 12 or *EAMATH 2413Calculus I12411, 12 or *EAMATH 2414Calculus II124*EA*MATH 2318 Linear Algebra12*3+1/*EA*MATH 2320 Differential Equations12*3+1/MATH 2415 Calculus III126BCIS 1305Business Computer Applications9ORORXXXX xxxxAny other core course12XXXX xxxxAny other core course12XXXX xxxx*1*Tree Elective111*1#*XXXX xxxx*Free Elective11*1#*XXXX xxxx*Free Elective11*1*1*2*2*3*4*4*4*5*6*6*7*7*8*8*9*9*9*1*1*1*1*1*1*1*1*1*1*1*1*1*1*2*2*3*4*4*4*4*4*4*4*4*4*4*4*4*4*4*4*4 <td colspan="9"></td>										
XXXX xxxxLife & Physical Sciences Lab10111, 12 or *EAMATH 2413Calculus I12411, 12 or *EAMATH 2414Calculus II124*EA*MATH 2318 Linear Algebra12*3+1/*EA*MATH 2320 Differential Equations12*3+1/MATH 2415 Calculus III124BCIS 1305Business Computer Applications9ORORXXXX xxxxAny other core course12XXXX xxxxAny Elective11*The Elective111*XXXX xxxx*Free Elective11*XXXX xxxx*Free Elective11*XXXX xxxx*Free Elective11*XXXX xxxx*Free Elective11*1#*XXXX xxxx*Free Elective11*1#*XXXX xxx*Free Elective11*1*1*2*2*2*3*4*4*4*4*5*6*7*7*7*7*7*7*7*7*7*7*7*1*7*1 <td>XXXX xxxx</td> <td></td> <td>1</td> <td></td> <td></td> <td></td>	XXXX xxxx		1							
MATH 2413 Calculus I ¹² 4 11, 12 or *EA MATH 2414 Calculus II ¹² 4 *EA *MATH 2414 Calculus II ¹² 4 *EA *MATH 2318 Linear Algebra ¹² *3+1/ 4 *EA *EA *MATH 2320 Differential Equations ¹² *3+1/ 4 *EA *EA BCIS 1305 Business Computer Applications ⁹ 3 10, 11, 12 or *EA # Grade level pending course <u>OR</u> <u>OR</u> <u>OR</u> Any other core course ¹² 1 # *Additional 1 SCH Free Elective Required if a 3 SCH MATH course is selected in finite semester *XXXX xxxx *Free Elective ¹¹ *1 # *Additional 1 SCH Free Elective required if a 3 SCH MATH course is selected in finite semester					11, 12 or *EA					
MATH 2414 Calculus II ¹² 4 *EA *MATH 2414 Calculus III ¹² *MATH 2318 Linear Algebra ¹² *3+1/ 4 *EA *MATH xxxx *MATH 2320 Differential Equations ¹² MATH 2415 Calculus III ¹² *3+1/ 4 *EA BCIS 1305 Business Computer Applications ⁹ 3 10, 11, 12 or *EA # Grade level pending course <u>OR</u> XXXX xxxx Any other core course ¹² 1 # *Additional 1 SCH Free Elective Required if a 3 SCH MATH course is selected in finit semester	MATH 2413		4		11, 12 or *EA					
*MATH xxxx *MATH 2318 Linear Algebra ¹² *MATH 2320 Differential Equations ¹² MATH 2415 Calculus III ¹² *3+1/ 4 *EA BCIS 1305 Business Computer Applications ⁹ OR Any other core course ¹² 3 10, 11, 12 or *EA # Grade level pending course XXXX xxxx Any other core course ¹² 1 # *Additional 1 SCH Free Elective Required if a 3 SCH MATH course is selected in finities semester	MATH 2414		4		*EA					
OR XXXX xxxx OR Any other core course ¹² 3 10, 11, 12 or *EA # Grade level pending course XXXX xxxx Any other core course ¹² 1 # XXXX xxxx Any Elective ¹¹ 1 # *XXXX xxxx *Free Elective ¹¹ *1 #		*MATH 2318 Linear Algebra ¹² *MATH 2320 Differential Equations ¹²	*3+1/		*EA					
XXXX xxxx Any other core course ¹² Image: Constraint of the second			3			Grade level pending course				
XXXX xxxx Any Elective ¹¹ 1 # *XXXX xxxx *Free Elective ¹¹ *1 # *Additional 1 SCH Free Elective Required if a 3 SCH MATH course is selected in find semester	XXXX xxxx	Any other core course ¹²			#					
*XXXX xxxx *Free Elective ¹¹ *1 # <i>if a 3 SCH MATH course is selected in fine semester</i>	XXXX xxxx	Any Elective ¹¹	1		#					
TOTAL NON-CORE HOURS 18	*XXXX xxxx	*Free Elective ¹¹	*1		#	*Additional 1 SCH Free Elective Required on if a 3 SCH MATH course is selected in final semester				
	TOTAL NON-CORE HOURS 18									
Total Credit Hours 60			60							

Many courses have pre-requisite or co-requisites and/or TSI requirements that must be met. Check course descriptions in the TC Catalog. Students planning to transfer to a four-year institution should check degree requirements of the college or university to which they plan to transfer.

*Course offered through TC's Early Admission program. #DC/EA course(s) not used to fulfill degree requirements. Grade levels for DC vary by course.

Explanation for Superscripts

1	Communication Block (010): Complete each of the following: ENGL 1301 and ENGL 1302 or 2311	2	Mathematics Block (020): Complete one of the following: MATH 1314, 1316, 1324, 1325, 1332, 1350, 1442, 2412, or 2413
3	Life & Physical Sciences Block (030): Complete two of the following: BIOL 1306, 1307, 1308, 1309, 1311, 1313, 1322, 2301, 2302, 2306, 2320, 2321; CHEM 1305, 1307, 1311, 1312, 1419; GEOL 1303; PHYS 1301, 1303, 1304, 1315, 2325	4	Language, Philosophy, & Culture Block (040): Complete one of the following: ENGL 2322, 2323, 2327, 2328, 2332, 2333, 2341; HIST 2321, 2322; PHIL 2306
5	Creative Arts Block (050): Complete one of the following: ARTS 1301, 1310; DRAM 1310, 2366; MUSI 1306	6	American History Block (060): Complete each of the following: HIST 1301 and 1302
7	Government/Political Science Block (070): Complete each of the following: GOVT 2305 and 2306	8	Social & Behavioral Sciences Block (080): Complete one of the following: COMM 1307; ECON 2301, 2302; GEOG 1303; PSYC 2301, 2308, 2314; SOCI 1301
9	Component Area Option Block (090): 9A: Choose one from the following: SPCH 1315; SPCH 1318; SPCH 1321 <u>OR</u> any courses in Component Areas (010), (020), (030), (040), (050), & (080) that are not used to fulfill another core requirement except MATH 2413, which is listed below.	10	Lab Science Course Choose a lab science course that corresponds to the Life & Physical Sciences courses you take: BIOL 1106, 1107, 1108, 1109, 1111, 1113, 2101, 2102, 2120, 2121; CHEM 1105, 1107, 1111, 1112; PHYS 1101, 1103, 1104, 1115, 2125
	AND 9 B: Choose one from the following: BCIS 1305; MATH 2413; PSYC/EDUC 1300		
11	Elective Option: Choose any college level course	12	Degree Requirement This course is required for this particular degree

LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Teamwork | Communication | Empirical & Quantitative Reasoning | Problem-Solving | Numeracy | Organization Self-Discipline | Time Management | Leadership Management

EDUCATIONAL OPPORTUNITIES

B.A. Business | B.S. Math Education | B.A. Marketing | B.S. Engineering | B.S. Mathematics | B.S. CIS | B.S. Statistics | B.S. Computer Science

CAREER OPPORTUNITIES (B.S. or Higher)

Financial Analyst | Actuary | Accountant | Data Analyst | Statistician | Math Teacher

HIGH SCHOOL ENDORSEMENTS

STEM | Business & Industry | Multi-Disciplinary

LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

Texas A&M Texarkana Department of Mathematics: http://www.tamut.edu/Academics/Colleges-and-Departments/STEM/Mathematics/index.html

Stephen F. Austin State University Department of Mathematics: http://www2.sfasu.edu/math/

University of North Texas Department of Mathematics: http://math.unt.edu/

Southern Arkansas University Department of Mathematics and Computer Science: https://web.saumag.edu/directory/departments/college-of-science-technology/mathematics-computer-science/ National Association of Mathematicians: http://www.nam-math.org/