



STEM Academy 11th Grade (2018-2019)

Student: _____
 PRINT: Last First MI

Return to **English Teacher** Return Date _____ Student ID# _____

Home Phone _____ Business Phone _____ Parent Cell _____

My son/daughter will attend STEM Academy for the 18 –19 school year. Circle: YES or NO

Graduation Plan: Foundations with STEM Endorsement **Endorsements: STEM & Multi-Disciplinary**

Credit Requirements – 27 total		
English Lang Arts: 4	Fine Arts: 1	Social Studies: 4
Mathematics: 4	Health: 0.5	Physical Education: 1
Science: 4	Electives: 6.5	Languages other than English (LOTE): 2

SUMMARY SCHEDULE:

Review the course offerings on the back of this page. Select eight offerings for EACH semester.

In order to better understand your wishes, prioritize your elective choices. As much as possible, your elective choices on this grid will be considered. In the event it becomes necessary, due to master schedule constraints, your priority and alternative selections will be considered when developing your schedule.

Semester 1

Semester 2

Course #	Course Content	Course Title
	English	
	Math	
	Science	
	Social Studies	
	Foreign Language	
	STEM Elective	
	Elective (ex...Dual Credit, Fine Arts, CTE)	
	Elective: (ex...PE/Sport, Health, Speech)	

Course #	Course Content	Course Title
	English	
	Math	
	Science	
	Social Studies	
	Foreign Language	
	STEM Elective	
	Elective (ex...Dual Credit, Fine Arts, CTE)	
	Elective: (ex...PE/Sport, Health, Speech)	

Course #	ALTERNATE CHOICES: List alternates for Canutillo elective choices above in order of preference.	
	Alternate 1-	Alternate 1-
	Alternate 2-	Alternate 2-
	Alternate 3-	Alternate 3-

CHOOSE CAREFULLY. STEM Academy has a June 1, 2018, deadline to make changes. STEM ACADEMY HAS A "NO CHANGE OF MIND" POLICY AFTER THE DEADLINE.

Student Signature: _____

Parent Signature: _____



STEM Academy 11th Grade (2018-2019)

Students requesting to be a part of the CHS STEM Academy must fulfill the STEM application process. Students must have passed all STAAR EOC's and be in good standing academically in all core content classes. Upon completion of the students course request, an application will be either mailed home or given to the student by Feb 9th 2018. The STEM application will be due by April 1st 2018.

COURSE REQUEST:

NOTE: Courses with an asterisk (*) will be mandatory to take to fulfill the STEM Academy requirements. Courses with a double asterisk () will need to go through your counselor, if chosen.**

- | | | | |
|---|---|---|--|
| STEM English-ELA (1 credit): | STEM Math (1 credit): | STEM Science (1 credit): | STEM History (1 credit): |
| <input type="checkbox"/> E301 English 3 | <input type="checkbox"/> M302 Pre-AP Alg 2 | <input type="checkbox"/> Pre-AP Physics | <input type="checkbox"/> H301 U.S. History |
| <input type="checkbox"/> E302 AP English 3 | <input type="checkbox"/> M522 Pre-AP Pre-Calculus | | <input type="checkbox"/> H314 Dual Credit U.S. History |
| <input type="checkbox"/> E314 Dual Credit English 3 | | | |

STEM Pathway Electives (1 credit) – must select same pathway from 9th grade year.

Engineering Course Pathway

- V258 PLTW Computer Integrated Manufacturing (CIM)

Computer Science Course Pathway

- NOT AVAILABLE

Biomedical Science Pathway

- NOT AVAILABLE

Canutillo HS Elective Options: NOTE You must have completed the first-year course to take the second-year course offered.

CTE-STEM Elective (1 credit)

- X209 STEM Robotics- Courtesy (Engineering Pathway)
- V159 STEM Ag Mechanics and Metal Tech (Engineering Pathway)
- V161 STEM Ag Power Systems
- Computer Programming

FINE ARTS (1 credit)

- C103 Marching Band 3/Concert Band 3 (prerequisites Band 1 and 2)
- E016 Theatre Production 3 (prerequisites Theatre Production 1 and 2)
- P503 Modern Dance 3 (prerequisites Dance 1 and 2)
- Performance Dance 3 (Flight Company) (prerequisite Performance Dance 1 and 2)
- A301 Art 3 (prerequisites Art 1 and 2)
- C312 Choir 3 (prerequisites Choir 1 and 2)
- C308 Chamber Choir 2 (prerequisites Chamber Choir 1 and 2)
- C136 Instrumental Ensemble 3 (Mariachi) (prerequisites Mariachi 1 and 2)
- D103 NJROTC 3 (satisfies PE credit) (prerequisites Art 1 and 2)

HEALTH (0.5 credit):

- HE101 Health

SPEECH (0.5 credit):

- DCR E007 Dual Credit Speech **
- V852 Professional Communication

FOREIGN LANGUAGE (1 credit)

- F202 Spanish 2 Non-Native
- F201 Spanish 2 Native
- F301 AP Spanish 3 Native
- F302 Pre-AP Spanish 3
- F401 Pre –AP Spanish 4 (Spanish Lit)
- F413 Pre –AP Spanish 5 (Spanish Lit)
- F501 French 2
- F503 French 3

P.E. (0.5 credit):

- P305 Physical Education 3 (PE)
- PWC105 Beginning Weights
- PWC106 Intermediate Weights

TECHNOLOGY ELECTIVE (1 credit)

- V261 Digital Media
- Web Technology (must have taken Digital Media)
- V275 Principles of Art/AV
- V277 Advance Graphic Design (must have taken Principles of Art/AV)

BUSINESS ELECTIVE (1 credit)

- V653 Business Information Mgmt 1 (must have taken Principles of Business Mkt and Finance)
- V654 Business Info Mgmt 2 (must have taken Business Info Mgmt 2)
- V750-YR Banking/Money Matters
- V754 Accounting

ATHLETICS (1 credit):

- PFB107 Football 3 –Fall
- PGVB107 Volleyball 3 –Fall
- PBB107 Boys Basketball 3 –Fall
- PGBB107 Girls Basketball 3 –Fall
- PBS107 Boys Soccer 3—Spring
- PGS107 Girls Soccer 3—Spring
- PBA107 Baseball 3—Spring
- PGSB107 Softball 3—Spring
- PGF106 Golf 2 (Boys/Girls –Fall and Spring)
- PTF107 Track and Field 3–Spring
- PTN107 Advance Tennis

STEM DUAL CREDIT (1 credit):

- CP001- Dual Credit Education 1300**
- V670 Dual Credit BCIS(BIM 1) **
- DCR E007 Dual Credit Speech **
- C014-DCR Dual Credit Music Appreciation**
- Dual Credit Ethics ** (semester course)
- S130 Dual Credit Philosophy ** (semester course)

