



STEM Academy 12th Grade (2017-18)

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 17-18 school year. Circle: YES or NO

Graduation Plan: Foundations with Distinguished Achievement and STEM/Multi-Disciplinary Endorsement

Credit Requirements – 26 total			
English Lang Arts: 4	Fine Arts: 1	Social Studies: 3	
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. Print below the courses you have selected. Select seven offerings for EACH semester. If a course is a full-year course, list it in the first semester column with an arrow to the second semester column.

In order to better understand your wishes, prioritize your elective choices (i.e. most desired elective goes into the first elective space, second most desired choice goes into the second elective, etc.) As much as possible, your elective choices on this grid will be honored. In the event it becomes necessary, due to master schedule constraints, your priority and alternative selections will be considered when developing your schedule.

1st SEMESTER

2nd SEMESTER

Tchr Rec	Course #	Course Title	Course #	Course Title
	1.	English IV AP	1.	English IV AP
	2.	Math:	2.	Math :
	3.	Science:	3.	Science:
	4.	Social Studies: Government	4.	Social Studies: Economics
	5.	STEM Elective	5.	STEM Elective
	6.	Elective (ex. Fine arts, PE, LOTE)	6.	Elective
	7.	Elective	7.	Elective

Course #	ALTERNATE CHOICES: List alternates for Lee elective choice in order of preference.		
	Alternate 1-		Alternate 1-
	Alternate 2-		Alternate 2-
	Alternate 3-		Alternate 3-
	SUMMER SCHOOL: List course(s) you plan to take this summer. (If applicable)		

CHOOSE CAREFULLY. STEM Academy has a June 1, 2017, deadline to make changes. STEM ACADEMY HAS A "NO CHANGE OF MIND" POLICY AFTER THE DEADLINE.

Student Signature: _____

Parent Signature: _____

Place a check mark in the box next to the desired course.

Note: an asterisk (*) means a pre-requisite course, testing, and/or teacher recommendation is required.

STEM English/Language Arts (1 credit):

- 1501L English IV AP
- 1502L English IV G/T AP*

STEM Social Studies (1 credit total):

- 4811L MacroEco AP & 4350L AP US Govt
- 4822L Economics & 4346L Govt

STEM Mathematics (1 credit):

- 2719L Pre-Calculus Pre-AP
- 2734L AP Calculus AB
- 2735L AP Calculus BC

STEM Science (1 credit):

- 3253L Anatomy & Physiology*
- 3243L Biology AP*
- 3343 Chemistry AP
- 3743L Environmental Science AP
- 3445L Physics II AP
- 3443L AP Physics C (Calculus Based)

STEM Elective (1 credit) – must select one:

Engineering Course Pathway:

- 8250L Prin of Applied Engineering
- 8252L Eng Dsgn & Prsntn*
- 8258L Eng Dsgn & Prblm Slvng*
- 8094L Robotics & Automation*
- 8245L Architectural Design
- 8251L Engineering Math
- 6786 Hallmark College of Aero - (2 credits)*
- 8103D/8116D Aero Acdmly – ACCD (3 credits)*
- 8117D Aerospace Acdmly II – ACCD (3 credits)*
- 8177D Manu Tech – ACCD (3 credits)*
- 8178L Manu Tech II – ACCD (3 credits)*

Technology Course Pathway:

- 3005L Computer Sci Pre-AP
- 3006L Computer Sci Pre-AP II
- 3007L Comp Sci Principles AP
- 3010L Computer Science AP
- 6702D Info Tech App – ACCD (3 credits)*
- 6704L Info Tech App II – ACCD (3 credits)*

Mathematics Course Pathway:

- 2947L Statistics AP
- 8251L Engineering Mathematics

Science Course Pathway:

- 8341L Principles of Biosciences
- 3251L Med Microbiology
- 3253L Anatomy & Physiology*
- 3243L Biology AP
- 3343L Chemistry AP
- 3328L Organic Chemistry
- 3743L Environmental Science AP
- 3445L Physics II AP
- 3909L Science & Technology*
- 8259L Sci Research & Design

STEM Elective Research Class

- 4130L Seminar AP

Lee Electives:

MATH ELECTIVES (1 credit):

- 2330 College Algebra
- 2610 Adv Quantitative Reasoning

FINE ARTS (1 credit)

- 5499 Art History AP
- 5501 AP Design Portfolio (2D)
- 5502 AP Drawing Portfolio (2D)
- 5508 Advanced Photography
- 5511 Art I
- 5512 Art I Pre-AP (Pre-Req: MS art)
- 5521 Drawing II (2D)

STUDENT LEADERSHIP (1 credit)

- 7501 JROTC I
- 7502 JROTC II
- 7503 JROTC III
- 7504 JROTC IV
- 7505 JROTC R/D
- 7506 JROTC Staff
- 7611 Student Govt/Leadership*
- 7620 PALS*

SOCIAL STUDIES ELECTIVES:

- 4221 AP European History
- 4829 AP Psychology (0.5 credit)
- 4831 Sociology (0.5 credit)

JOURNALISM:

- 1703 Journalism
- 1743 Adv Dig/News Prod I
- 1744 Adv Dig Prod II
- 1745 Adv Dig Prod III
- 1746 Yearbook Prod I
- 1747 Yearbook Prod II
- 1748 Yearbook Prod III
- 1753 Ind Study Journalism
- 1720 Photojournalism

FINE ARTS (cont):

- 5523 Sculpture II (3D)
- 5525 Painting II (2D)
- 5531 Drawing III (2D)
- 5541 Drawing IV (2D)
- 5533 Sculpture III (3D)
- 5543 Sculpture IV (3D)
- 5535 Painting III (2D)
- 5545 Painting IV (2D)
- 5611 Band
- 5619 Band Color Guard - Flags
- 5662 Stage Band (Jazz Band)
- 5671 Orchestra*
- 5672 Orchestra II
- 5673 Orchestra III
- 5674 Orchestra IV
- 5680 AP Music Theory
- 5691PG Guitar I
- 5691 Inst Ensemble I
- 5692 Inst Ensemble II
- 5693 Inst Ensemble III
- 5694 Inst Ensemble IV
- 5711 Girls' Choir
- 5712 Mens' Choir
- 5721 Choir II (Varsity)
- 5731 Choir III
- 5741 Choir IV
- 5751 Vocal Ens I
- 5761 Vocal Ens II
- 5762 Show Choir
- 5891PG Guitar I
- 5900 Theatre Arts (acting)
- 5905 Theatre Arts II
- 5906 Theater Arts III
- 5907 Theater Arts IV
- 5920 Tech Theater (pre-req MS TA)
- 5925 Tech Theater II
- 5930 Tech Theater III

DANCE:

- 7402 Pep Squad (performance based)
- 7403 Dance II Pep
- 7404 Dance III Pep
- 7405 Dance IV Pep
- 7411 Dance I Dixie Drillers
- 7412 Dance II Dixie Drillers
- 7413 Dance III Dixie Drillers
- 7415 Dance I Rebel Rousers
- 7416 Dance II Rebel Rousers
- 7417 Dance III Rebel Rousers
- 7418 Dance IV Rebel Rousers

DANCE (cont.):

- 7421 NC Dance I (non-competition)
- 7422 NC Dance II
- 7423 NC Dance III
- 7424 NC Dance IV
- 7431 Dance II Cheerleading
- 7432 Dance III Cheerleading
- 7433 Dance IV Cheerleading

FOREIGN LANGUAGE (1 credit)

- 5013 French I
- 5023 French II
- 5024 French II Pre-AP
- 5033 French III
- 5034 French III Pre-AP
- 5044 French IV Pre-AP
- 5045 French Language AP
- 5213 Latin I
- 5223 Latin II
- 5224 Latin II Pre-AP
- 5233 Latin III
- 5234 Latin III Pre-AP
- 5244 Latin IV Pre-AP
- 5252 AP Latin Vergil
- 5113 German I
- 5123 German II
- 5124 German II Pre-AP
- 5133 German III
- 5134 German III Pre-AP
- 5144 German IV Pre-AP
- 5145 German Language AP
- 5313 Spanish I
- 5315 Spanish II Native Pre-AP
- 5323 Spanish II
- 5324 Spanish II Pre-AP
- 5332 Spanish III Native Pre-AP
- 5333 Spanish III
- 5334 Spanish III Pre-AP
- 5343 Spanish IV
- 5344 Spanish IV Pre-AP
- 5345 Spanish Language AP
- 5346 Spanish Lit AP*
- 5413 Japanese I
- 5423 Japanese II
- 5424 Japanese II Pre-AP
- 5433 Japanese III
- 5434 Japanese III Pre-AP
- 5444 Japanese AP
- 5445 Mandarin Chinese
- 5446 Mandarin Chinese II
- 5447 Mandarin Chinese II Pre-AP
- 5455 Mandarin Chinese III
- 5456 Mandarin Chinese III Pre-AP
- 5457 Mandarin Chinese AP

FOREIGN LANGUAGE (cont.):

- 5451 American Sign Language
- 5452 American Sign Language II
- 5453 American Sign Language III
- 5454 American Sign Language IV

HEALTH (0.5 credit):

- 7101 Health

P.E. & Health (0.5 credit each):

- 8801 Healthy Lifestyles

P.E. (0.5 credit):

- 7207 Fitness Basics
- 7208 Outdoor Adventure
- 7209 Dynamic Cardio Training
- 7211 Individual Recreation Activities
- 7222 Team Recreation Activities
- 7273 Sports Med (no PE credit – 0.5)
- 7274 Sports Med II (no PE credit - 1)

ATHLETICS (0.5 credit):

- 7330 Cross Country 4 – fall (boy/girl)
- 7334 Boys Track 4 – spring
- 7338 Girls Track 4 – spring

ATHLETICS (1 credit):

- 7292 Wrestling 4 – Girls/Boys
- 7304 Football 4
- 7314 Boys Basketball 4
- 7318 Girls Basketball 4
- 7321 Softball 4
- 7325 Baseball 4
- 7344 Tennis 4 – Girls/Boys
- 7354 Golf 4 – Girls/Boys
- 7364 Swimming 4 – Girls/Boys
- 7368 Diving 4 – Girls/Boys
- 7374 Girls Volleyball 4
- 7393 Boys Soccer 4
- 7397 Girls Soccer 4

COMMUNICATION (1 credit):

- 5809 Prof Communication (0.5 credit)
- 5800 Public Speaking
- 5805 Public Speaking II
- 5820 Debate I
- 5825 Debate II
- 5827 Debate III H
- 5828 IS Speech H (Debate IV)
- 6731 Audio/Video Production
- 6741 Audio/Visual Prod II

OTHER ELECTIVE:

- 7634 Office Aide (Year)
- 7911 Senior Early Release (1st period)
- 7918 Senior Early Release (8th period)