



STEM Academy 11th Grade (2021-2022)

Student: _____
 PRINT: Last First MI

Required Google Form Entry Deadline _____ Student ID# _____

Home Phone _____ Business Phone _____ Parent Cell _____

My son/daughter will attend STEM Academy for the 21-22 school year. YES or NO

Graduation Plan: *Foundations with Distinguished Level of Achievement*

Endorsements: STEM / Manufacturing / Multi-Disciplinary

Credit Requirements – 26 total		
English Lang Arts: 4.0	Fine Arts: 1.0	Social Studies: 4.0
Mathematics: 4.0	Health: 0.5	Physical Education: 1.0
Science: 4.0	Electives: 6.5	Languages other than English (LOTE): 2.0

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 III AP	1. →	English III AP
	2.	Math:	2. →	Math :
	3. 3444L	Science: Physics I AP	3. →	Science: Physics I AP
	4. 4115L	Social Studies: US History AP	4. →	Social Studies: US History AP
	5.	STEM Elective	5.	STEM Elective
	6.	Elective (ex. Fine arts, PE, LOTE)	6.	Elective
	7.	Elective	7.	Elective

Course #	ALTERNATE CHOICES: You MUST list a total 3 full year (1.0) electives to be considered as options for any elective course(s) that don't fit in to your schedule.		
	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, 2021, 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. All juniors are enrolled in **H3444L - Physics I AP** (STEM Science) and **H4115L - US History AP** (STEM Social Studies).

STEM English/Language Arts (1 credit):

- H1314L English III AP
- H1315L English III G/T AP*

STEM Mathematics (1 credit):

- H2719L Pre-Calculus Honors
- 2720L Pre-Calculus GT*
- 2324L Algebra II Honors

STEM Elective (1 credit) – must select one:

Engineering Course Pathway:

- H8250L Principles of Applied Eng
- H8252L Eng Design & Pres I*
- H8258L Eng Design & Prob Solv**
- H2860L Practicum in STEM

Engineering Electives

- H8094L Robotics I*
- H8095L Robotics II*

Advanced Electives –

Graduation Capstone Distinction

- H4130L AP Seminar

Technology/Programming Course Pathway:

- H3005L Computer Sci Honors*
- H3006L Computer Sci Honors II
- H3010L AP Computer Science A

Manufacturing Course Pathway:

- H8250L Principles of Applied Engineering
- H8094L Robotics I*
- H8095L Robotics II*
- Hxxx Practicum in Entrepreneurship

Advanced Math Course Pathway:

- H2947L Statistics AP
- H8251L Engineering Mathematics

Advanced Science Course Pathway:

- H3243L Biology AP
- H3343L Chemistry AP
- H3743L Environmental Science AP

Biomedical Course Pathway

- H8342L Biotechnology
- H6758L Medical Microbiology
- H3253L Anatomy & Physiology
- H6759L Pathophysiology
- H8260L Practicum in STEM

LEE Elective Options:

SOCIAL STUDIES (1 credit):

- H4221 AP European History

DANCE (1 PE credit):

- H7402 Pep Squad (performance based)
- H7403 Dance II Pep
- H7411 Dance I Dixie Drillers
- H7415 Dance I Rebel Rousers
- H7416 Dance II Rebel Rousers
- H7431 Dance Cheerleading

STUDENT LEADERSHIP (1 credit)

- H7501 JROTC I
- H7502 JROTC II
- H7505 JROTC R/D
- H7611 Student Govt/Leadership*

HEALTH (0.5 credit):

- H7101 Health

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

- H8801 Healthy Lifestyles

P.E. (0.5 credit):

- H7207 P.E. Foundation (males)
- H7208 Outdoor Adventure
- H7209 Dynamic Cardio Training
- H7211 Individual Recreation Activities
- H7222 Team Recreation Activities

COMMUNICATION (1 credit):

- H1703 Journalism I
- H1705 Broadcast Journalism
- H1706 Broadcast Journalism II
- H1720 Photo Journalism
- H1743 Newspaper Production
- H1746 Yearbook Production
- H5809 Prof Communications (0.5 credit)
- H5800 Public Speaking
- H5805 Public Speaking II
- H5820 Debate I
- H5825 Debate II
- H6731 Audio/Visual Production

FINE ARTS (1 credit)

- H5499 Art History AP
- H5508 Advanced Photography
- H5511 Art I
- H5512 Art I Honors (Pre-Req: MS art)
- H5521 Drawing II (2D)
- H5523 Sculpture II (3D)
- H5525 Painting II (2D)
- H5611 Band
- H5619 Band Color Guard – Flags
- H5662 Stage Band (Jazz Band)
- H5671 Orchestra*
- H5672 Orchestra II
- H5673 Orchestra III
- H5674 Orchestra IV
- H5691PG Guitar I
- H5691 Inst Ensemble I
- H5692 Inst Ensemble II
- H5711 Girls' Choir
- H5712 Mens' Choir
- H5721 Choir II (Varsity)
- H5731 Choir III
- H5741 Choir IV
- H5751 Vocal Ens I
- H5761 Vocal Ens II
- H5762 Show Choir
- H5810 Oral Interp*
- H5900 Theatre Arts (acting)
- H5905 Theatre Arts II
- H5920 Tech Theater (pre-req MS TA)
- H5925 Tech Theater II
- H7421 NC Dance I (non-competition)
- H7422 NC Dance II

FOREIGN LANGUAGE (1 credit)

- H5013 French I
- H5023 French II
- H5024 French II Honors
- H5033 French III
- H5034 French III Honors
- H5045 French Language AP
- H5213 Latin I
- H5223 Latin II
- H5224 Latin II Honors
- H5233 Latin III
- H5234 Latin III Honors
- H5113 German III
- H5123 German II
- H5124 German II Honors
- H5133 German
- H5134 German III Honors
- H5145 German Language AP
- H5313 Spanish I
- H5315 Spanish II Native Honors
- H5323 Spanish II
- H5324 Spanish II Honors
- H5332 Spanish III Native Honors
- H5333 Spanish III
- H5334 Spanish III Honors
- H5345 Spanish Language AP
- H5346 Spanish Lit AP*
- H5413 Japanese I
- H5423 Japanese II
- H5424 Japanese II Honors
- H5433 Japanese III
- H5434 Japanese III Honors
- H5444 Japanese AP
- H5445 Mandarin Chinese
- H5446 Mandarin Chinese II
- H5447 Mandarin Chinese II Honors
- H5455 Mandarin Chinese III
- H5456 Mandarin Chinese III Honors
- H5451 American Sign Language
- H5452 American Sign Language II
- H5453 American Sign Language III

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):

- 7329 Cross Country 3 – fall (boy/girl)
- 7333 Boys Track 3 – spring
- 7337 Girls Track 3 – spring

ATHLETICS (1 credit):

- 7281 Wrestling 3 – Girls/Boys
- 7303 Football 3
- 7310 Girls Softball
- 7313 Boys Basketball 3
- 7317 Girls Basketball 3
- 7320 Softball 3
- 7324 Baseball 3
- 7343 Tennis 3 – Girls/Boys
- 7353 Golf 3 – Girls/Boys
- 7363 Swimming 3 – Girls/Boys
- 7367 Diving 3 – Girls/Boys
- 7373 Girls Volleyball 3
- 7392 Boys Soccer 3
- 7396 Girls Soccer 3

For additional course offerings, please see the Legacy of Educational Excellence (LEE) High School course card.