

Academy Adviser: _____

Student Name _____ Date of Birth _____
 Year Enrolled _____ Graduation Year _____ Student ID # _____
 Parent/Guardian Name _____ Home Phone _____
 Email Address _____ Cell Phone _____

STEM Academy Graduation Requirements Credit Check Form

Subject	Credits	Minimum Credit Requirement- 24
<input type="checkbox"/> Science	3 □□□	9 th , 10 th , & 11 th Grade Requirements *12 th Grade Electives Available
<input type="checkbox"/> Mathematics	3 □□□	3 years of Math are required (Alg. I, Alg. II or Geometry may count for credit if taken in Middle School)
<input type="checkbox"/> English	4 □□□□	9 th , 10 th , 11 th , & 12 th Grade Requirements
<input type="checkbox"/> Social Studies	3 □□□	9 th , 10 th , & 11 th Grade Requirements *12 th Grade Electives Available
<input type="checkbox"/> Required Courses	1.5 □□	<input type="checkbox"/> Health: .5 credit <input type="checkbox"/> CP Financial Planning: .5 credit <input type="checkbox"/> P.E. Level I: .5 credit
<input type="checkbox"/> Electives	9.5	Student choice (Further details below)

Biomedical Pathway 3 credits + Capstone from the list below required.		Computer Science/Information Technology Pathway: 4 credits required	
<u>1 Capstone course required</u> <input type="checkbox"/> AP Seminar – 1 credit (10 th or 11 th Grade) <input type="checkbox"/> AP Research – 1 credit (12 th Grade) <input type="checkbox"/> Honors Internship <input type="checkbox"/> Medical Health Professions (BCTC)	<u>0.5 credit courses</u> <input type="checkbox"/> Science Ethics & Contemporary Issues <input type="checkbox"/> Honors Biomedical Technology <input type="checkbox"/> Health Sciences <input type="checkbox"/> Microbiology <u>1 credit courses</u> <input type="checkbox"/> AP Biology <input type="checkbox"/> Biology ISTEM <input type="checkbox"/> Anatomy & Physiology <input type="checkbox"/> Honors Environmental Sustainability	<u>1 Capstone course required</u> <input type="checkbox"/> Technological Innovation & Design <input type="checkbox"/> AP Computer Science <input type="checkbox"/> Honors Internship	<u>3 cr. Required of the courses below:</u> <input type="checkbox"/> Honors Computer Science & Software Engineering <input type="checkbox"/> Web Design and Digital Development <input type="checkbox"/> Digital Video & Computer Animation <input type="checkbox"/> Honors Computer Integrated Manufacturing <input type="checkbox"/> AP Computer Science (Only if not a Capstone) <input type="checkbox"/> Digital Electronics <input type="checkbox"/> AP Computer Science Principles <input type="checkbox"/> ISTEM <input type="checkbox"/> STEM Explorations <input type="checkbox"/> Game Development and Virtual Reality

Engineering Pathway 4 credits required		Material Science Pathway: 4 credits required	
<p><u>1 Capstone course required</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Honors Engineering Design & Development 	<p><u>3 credits required from courses below:</u></p> <p style="text-align: center;"><u>1 credit courses</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Honors Environmental Sustainability <input type="checkbox"/> Honors Computer Integrated Manufacturing <input type="checkbox"/> Honors Principles of Engineering (POE) <input type="checkbox"/> Honors Introduction to Engineering Design <input type="checkbox"/> Honors Civil Engineering & Architecture <input type="checkbox"/> Honors Aerospace Engineering <input type="checkbox"/> AP Computer Science <input type="checkbox"/> Honors Digital Electronics <input type="checkbox"/> AP Computer Science Principles <input type="checkbox"/> ISTEM (Fulfills 1 credit) <input type="checkbox"/> STEM Explorations (Full Year) 	<p><u>1 Capstone course required</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> AP Seminar – 1 credit (10th or 11th Grade) <input type="checkbox"/> AP Research – 1 credit (12th Grade) <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> <input type="checkbox"/> Honors Internship 	<p><u>0.5 credit courses</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Science Ethics & Contemporary Issues <input type="checkbox"/> Honors Organic Chemistry <input type="checkbox"/> Materials Science <input type="checkbox"/> Microbiology <p style="text-align: center;"><u>1 credit courses</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> AP Chemistry <input type="checkbox"/> Forensics <input type="checkbox"/> Honors Principles of Engineering <input type="checkbox"/> H. Computer Integrated Manufacturing <input type="checkbox"/> ISTEM (Fulfills 1 credit)