



# Mountain Vista STEM Program

Our goal is to create as many STEM opportunities for students to take as they desire. The foundation of the program is a solid and rigorous Math and Science background. As you can see in the sample certificate program and course flow chart, there are many potential pathways depending on what a student wants to focus on for their electives.

## STEM Graduation Certificate

	S	T	E	M
<b><u>STEM Certificate</u></b>	<b>4 credits of Science</b> -Must include Physics or AP Physics 1, 2, or C	<b>Complete 2 or more Sem. courses</b> Tech. Ed. Multimedia/Video Computer Prog/Sci. Graph. Design/Photo. Agriculture English-/MV Media -Tech. Writing Innov&Collab Internship	<b>Complete two or more Sem. courses</b> Engineering Business Computer Prog/Sci/CAD. Multimedia/Tech. English-MV Media Interior Design Theater Tech Graphic Design	<b>4 credits of Math</b> ACC College Algebra, AP Statistics, or Calc AB
<b>Honors STEM Certificate requires a 5<sup>th</sup> credit in Science or Math. See the levels listed below.</b>				
<b><u>Honors STEM Certificate</u></b>	<b>Required: 1</b> AP course and 1 Honors or 2 AP courses -Must include Physics or AP Physics 1, 2, or C	<b>Complete 2 or more Sem. courses</b> Tech. Ed. Multimedia/Video Computer Prog/Sci. Graph. Design/Photo. Agriculture English-/MV Media -Tech. Writing Innov&Collab Internship	<b>Complete 2 or more Sem. courses</b> Engineering Business Computer Prog/Sci/CAD. Multimedia/Tech. English-MV Media Interior Design Theater Tech Graphic Design	<b>Required: 1 or more of the following:</b> Calc AB, BC, or Calc III

### Additional Expectations and Opportunities:

- Demonstrated involvement in a club or extracurricular activity that enhances communication, leadership, critical thinking, and problem solving. Ex. TSA, DECA, Speech and Debate, Key Club, Mock Trial, or other MVHS opportunity.
- For a complete list of eligible classes, please refer to the appropriate content area in the catalog and look for the **STEM** logo. In the course catalog you will also find the **STEM** logo and T, E, or TE next to it. These letters are an indication of whether the course counts toward the Technology, Engineering, (or both) component(s) of the STEM Certificate.
- For additional information or for questions, please contact David Larsen, STEM Facilitator, at [david.larsen@dcsdk12.org](mailto:david.larsen@dcsdk12.org)