

STEM Academy

Endorsement Requirements
(Through the Class of 2022)

In addition to meeting grade level Knox County graduation requirements, Academy Endorsement Requirements include:

- 1. 30 Credits (4 of which support a progression towards area of endorsement, see below)**
- 2. Minimum 3.0 GPA, minimum one course must be honors/AP/Dual Enrollment**
- 3. Documentation of community service or service learning**
- 4. 'C' or better in Honors Academic Research, AP Capstone Program, or CTE Level 3 or 4 course including a practicum**
- 5. Speech is strongly suggested and could count as one of the four courses for endorsement**
- 6. Job shadow or internship (in person or virtual) that should include one or more of the following documentations as applicable:**
 - a Journals**
 - b Reflective Paper**
 - c Mentor Evaluation**
 - d Transcripts of interviews with companies if in-person opportunities are prohibited**
- 7. Creation of a digital portfolio to highlight all areas of the endorsement experience**
- 8. Formal presentations of the digital portfolio as required by the academy dean. These may be in-person or virtual based on community conditions.**

Please see the back of this sheet for the individual endorsement areas in the STEM academy.

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Science

- 1 additional Math credit
- 3 additional Science credits
 - 1 of the 3 must be AP or Honors

Mathematics

- 2 additional Math credits
 - 1 or the 2 must be AP, Honors or Dual Enrollment credit
- 1 additional Science credit
 - Physics or AP Physics strongly suggested
 - 1 credit Service Learning or Speech
- 1 additional Science/Math/CTE related course

Engineering

- 2 CTE Engineering focused credits that may be:
 - STEM
 - Robotics
 - Dual Enrollment

Technology & Computer Science

- 4 Computer Science Credits which may be:
 - 1 AP, Honors or Dual Enrollment credit
 - Speech is strongly suggested

Technical Endorsement

- Concentrator in at least one of the Program of Study AND include:
 - Work-Based Learning or CTE practicum
 - 1 AP, Honors or Dual Enrollment credit (any subject)