ScienceTechnologyEngineeringMathematics Endorsement

Content	STEM CTE A	STEM Mathematics or Science B or C	Business & Industry Combo < 2 Areas D
English **4 Credits**	English I English II English III Advanced English	English I English II English III Advanced English	English I English II English III Advanced English
Math **4 Credits**	Algebra I Geometry Algebra II Advanced Math	Algebra I Geometry Algebra II Advanced Math	Algebra I Geometry Algebra II Advanced Math
Science **4 Credits**	Biology Chemistry or Adv Sci Physics or Adv Science Advanced Science	Biology Chemistry or Adv Science Physics or Adv Science Advanced Science	Biology Chemistry or Adv Science Physics or Adv Science Advanced Science
Social Studies **4 Credits**	World Geography World History US History Government/Economics	World Geography World History US History Government/Economics	World Geography World History US History Government/Economics
Language Other Than English – LOTE 2 Credits	LOTE 2 Credits	LOTE 2 Credits	LOTE 2 Credits
Fine Arts **1 Credit**	Fine Arts 1 Credit	Fine Arts 1 Credit	Fine Arts 1 Credit
Physical Education **1 Credit**	PE 1 Credit	PE 1 Credit	PE 1 Credit
Financial Literacy **Pro Communication** **.5 + .5 = 1 Credit**	Financial Lit/ProComm 1 Credit	Financial Lit/ProComm 1 Credit	Financial Lit/ProComm 1 Credit
Endorsements	1st CTE 2nd CTE 3rd CTE - Adv 4th CTE	5th Math Or 5th Science	STEM A/B/or C STEM A/B/or C STEM A/B/or C
Total Credits	27-29 Credits	26 Credits	26 Credits

A student may earn a STEM Endorsement by completing foundation and general endorsement and;

A. Coherent sequence courses for four or more credits in CTE that consists of at least two courses in the same career cluster and one advanced CTE course which includes any course that is the third or higher course in a sequence. The course may be selected from courses in ALL CTE career clusters or CTE innovative courses approved by the commissioner of education. The final course in the sequence must be selected from the STEM CTE career cluster, or

B. A total of five credits in mathematics by successfully completing Algebra I, Geometry, Algebra II and two additional mathematics courses for which Algebra II is a prerequisite, or

C. A total of five credits in science by successfully completing Biology, Chemistry, Physics, and two additional science courses, or

D. In addition to Algebra II, Chemistry, and Physics, a coherent sequence of three additional credits from no more than two of the areas listed in A, B and C.

Created: June 28, 2018 Revised: October 22, 2018