

# FUTURE READY COURSE OF STUDY

*As implemented at Wake STEM Early College High School...*

Future Ready Core Course of Study For Students Entering 9 <sup>th</sup> Grade in 2011-12	
<b>4 English Credits</b>	English 1, 2, 3, 4
<b>4 Math Credits</b>	Integrated Math 1, 2, 3, Discrete Math or Integrated Math 4  <i>(Math I, II, or III may be substituted for Integrated Math I, II, or III; Students coming from middle school with high school Algebra I and/or Geometry credits would substitute those for Integrated Math I and/or II)</i>
<b>3 Science Credits</b>	Earth/Environmental Science, Biology, Chemistry
<b>3 Social Studies Credits</b>	World History, Civics and Economics, and US History
<b>2 Credits of the same Foreign Language</b>	Spanish, French, Latin, German, Mandarin Chinese, Japanese
<b>1 Health</b>	Our online health course meets the NC Graduation Requirements for "Health and PE"
<b>4+ Elective Credits</b>	Engineering Design I, II, III; Seminar; MS Excel and Access, Computer Science Principals, World Geography
<b>21 Credits Total</b>	

Future Ready Core Course of Study For Students Entering 9 <sup>th</sup> Grade in 2012-13 and After	
<b>4 English Credits</b>	English 1, 2, 3, 4
<b>4 Math Credits</b>	Math 1, 2, 3, and Integrated Math 4  <i>(Integrated Math 1, 2, or 3 may be substituted for Math 1, 2, or 3; Students coming from middle school with high school Algebra 1 and/or Geometry credits would substitute those for Math 1 and/or 2)</i>
<b>3 Science Credits</b>	Earth Science, Biology, Chemistry
<b>4 Social Studies Credits</b>	World Geography, World History, Civics and Economics, and AP US History <b>or</b> World History, Civics and Economics, American History 1 and American History 2
<b>2 Credits of the same Foreign Language</b>	Spanish, French, Latin, German, Mandarin Chinese, Japanese
<b>1 Health</b>	Our online health course meets the NC Graduation Requirements for "Health and PE"
<b>4+ Elective Credits</b>	Engineering Design 1, 2, 3; Seminar; MS Excel and Access, Computer Principals, Computer Programming 1, Computer Programming 2, Seminar
<b>22 Credits Total</b>	