

# SOUTH TEXAS ACADEMY OF MEDICAL TECHNOLOGY

## FOUR-YEAR COURSE SEQUENCE 2008-09

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
English I	English II	English III	English IV
Algebra I or Geometry	Geometry or Algebra II	Algebra II or Pre-Calculus	Pre-Calculus or Calculus AB or Calculus BC
Integrated Physics and Chemistry (1 semester, 2 periods)	Chemistry	Physics	Anatomy and Physiology or Biology II or Chemistry II AP or Physics II AP
Biology (1 semester, 2 periods)			
World Geography	World History	U. S. History	U. S. Government (semester course) Economics (semester course)
Computer Science	Spanish I or II	Spanish II or Spanish III Lang.AP	Spanish III Lang.AP or Spanish IV Lit. AP
Speech (semester course)  Foundations of Personal Fitness (semester course)	Fine Arts	Individual Sports (semester course)  SAT/ACT Prep (semester course)	Elective Additional Math or Additional Science or Additional Spanish or An approved Independent Study Course
Intro. to Health Science Technology (semester course)  Medical Terminology (semester course)	Health Science Technology I (2 credit course)	Health Science Technology II (2 credit course) Basic Skills Forensics Mental Health Maternal Health Medical Laboratory Pathophysiology Rehabilitation	Health Science Technology III (2 credit course) Clinical Rotations: <ul style="list-style-type: none"> <li>• Pediatrics</li> <li>• Obstetrics</li> <li>• Surgery</li> <li>• Radiology</li> <li>• Veterinarian</li> <li>• Family Practice</li> </ul> Phlebotomy:

English, Math, Science, and Social Studies classes are required each of the four years.  
 Physics is required prior to or concurrently with Anatomy and Physiology or Chemistry II AP.  
 Advanced Placement classes are available in English, Calculus, Physics, Chemistry, Biology, World History,  
 U.S. History, U. S. Government, Economics, Spanish and Art.

Dual enrollment courses are available in English IV D/AP, Calculus D/AP, Statistics D/AP, Biology II  
 D/AP, and Spanish III D/AP.