

Skyview SMT Magnet Graduation Requirements and Approved Course List

GRADUATION: SMTM students must complete the following requirements (CREDITS, PROJECT, and COMMUNITY SERVICE) to obtain an SMTM Diploma and be awarded an SMTM stole for the graduation ceremony.

*Clark College Science, Math, Technology courses are **NOT** approved Skyview SMTM courses.

*Clark College World Language courses **WILL** count towards the SMTM program.

1- **APPROVED SMTM COURSE CREDITS:**

13 Credits must be earned from the following list.

- **English- (9th Grade only) 1 credit**
 - SMT English 9

- **Math – 3 credits, up to and including SMT Algebra II / SMT Pre-AP Algebra II**
 - SMT Algebra I: (3111/3112)
 - SMT Geometry: (3211/3212)
 - Pre-AP SMT Geometry (3221/3222)
 - SMT Algebra II: (3311/3312)
 - Pre-AP SMT Algebra II: (3321/3322)
 - SMT Pre-AP Pre-calculus: (3421/3422)
 - College Algebra and Trigonometry: (3661/3662)
 - AP Calculus (I) AB: (3821/3822)
 - AP Calculus (II) BC: (3831/3832)
 - AP Statistics: (3761/3762)

- **Science – 3 credits Lab Science**
 - **SMT Integrated Sci.** (7161/7162) (does **not** count as LAB sci., counts as an SMTM elective)
 - **Biology** (Students planning on enrolling in bio need to be enrolled in a math course of Geometry or above)
 - SMT Pre-AP Biology: (7391/7392)
 - AP Biology: (7721/7722)
 - AP Environmental Science: (7151/7152, 7151V/7152V)
 - Human Anatomy & Physiology: (7561/7562)
 - SMT Pre-AP Chemistry: (7741/7742)
 - AP Chemistry: (7761/7762)
 - AP Physics 1 : (7801/7802)
 - AP Physics 2 : (7804/7805)
 - AP Physics C: (7806/7807)

- **Technology – 2 credits**
 - PLTW Intro to Engineering Design: (4661/4662)
 - PLTW Principles of Engineering: (4691/4692)
 - PLTW Digital Electronics: (4681/4682)
 - PLTW Biotechnical Engineering (7531 /7532)
 - PLTW Engineering Design and Development: (4671/4672)
 - DigiPen Video Game Programming I and II: **I** (5051/5052); **II** (5053/5054)
 - Photography I, II and III: **I** (0311V); **II** (0312V); **III** (0321V/0322V)
 - Next Tools: (4206/4207)
 - Multimedia Exploration: (4111/4112)
 - Web Publishing: (4861/4862)
 - Web Design: (4871/4872)
 - Graphic Design: (0201/0202, 0201V/0202V)
 - Advanced Graphic Design: (0211/0212, 0211V/0212V)
 - AP Studio Art 2D: (0131V/0132V)
 - Video Production: (4121/4122)
 - Advanced Video Production: (4131/4132)
 - Video Production-Special Projects: (4141/4142)
 - Robotics Foundations: (4651/4652)
 - AP Computer Science A (4231/4232)

- **Electives in Science, Math or Technology - 2 credits**
 - SMT electives are any classes above that were not used originally as a science, math or technology credit.
 - **Integrated Science is considered an Elective Course.**
 - SMT Research Project Course: (7871/7872) – 0.5credit year-long course

- **World Language - Taken within a student's SMTM career in High School - 2 credits.**
 - Clark College World Language classes will count towards SMTM graduation honors.
 - Grades earned at Clark College need to be reported by the student to the SMTM Coordinator
 - Spanish: **I** (1511/1512); **II** (1521/1522); **III** (1531/1532)
 - AP Spanish Language and Culture: (1541/1542)
 - French: **I** (1111/1112); **II** (1121/1122); **III** (1131/1132)
 - AP French IV: (1141/1142)
 - German: **I**(1211/1212); **II** (1221/1222); **III** (1231/1232)
 - AP German IV: (1241/1242)
 - ASL: **I** (1601V/1602V); **II** (1611V/1612V); **III** (1621V/1622V); **IV** (1631V/1632V)

*** **EACH SEMESTER PASSED = 0.5 CREDIT** (one year of a class = 1.0 credit) ***

2- 30 Hours Community Service To be completed throughout the 4 years of enrollment.

3- Presentation of a Research Project Students are required to present (either in class or out of class) research findings in two different venues. 1.) For every year the student is a participant s/he is required to present at the annual SMTM Showcase. 2.) At an external SMTM approved science fair.

PROGRAM GPA REQUIREMENT: SMTM students must maintain a 2.5 grade point average in all courses taken at Skyview High School. Grades will be reviewed each semester and GPA will be calculated. Any student not maintaining a 2.5 GPA will be placed on academic probation. Any student who does not meet 2.5 GPA requirement a second time during enrollment in the program will be dismissed from the SMT Magnet.