



STEM ACADEMY

Elective Options for 2017-2018 School Year

| English | Science |
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| Journalism 1 (9-12) Yearbook (10-12) | Anatomy and Physiology (11, 12) Microbiology (11, 12) AP Environmental Science (10-12) Physics, Honors (11,12) AP Physics 1 (11,12) AP Physics C (Calculus Based) (Mechanics) (12) Geology, College Prep (10-12) Introduction to Organic/Biochemistry, College Prep (11,12) Organic/Biochemistry, Honors (11,12) |
| Math Pre-Calculus, College-Prep (11,12) Pre-Calculus, Honors (11,12) Statistics, College Prep (11,12) AP Statistics (11,12) Applied Mathematics, College Prep (12) AP Computer Science (11,12) AP Computer Principles (11,12) AP Calculus AB (11,12) AP Calculus BC (11,12) | Career Technical Digital Arts and Design 1 (9-12) Digital Arts and Design 2 (10-12) Introduction to Animation and Simulation, Honors (10-12) Advanced Animation and Simulation, Honors (11-12) Information Technology Foundations (9-12) Web Design 1: Foundations (9-12) Web Design 2: Site Designer (10-12) Web Design: Practicum (11,12) Networking (10-12) |
| Social Studies AP US History Combined Studies (11) AP Human Geography (10-12) AP European History (10-12) AP Psychology (11,12) | General Electives Driver's Education (9-12) Introduction to Philosophy (10-12) African American History (11,12) Dual Enrollment (12) Peer Tutoring |
| Fine Arts Art 1 (9-12) Art Advanced (10-12) Art Honors (11,12) AP Studio Art (11,12) AP Studio Art: 2D Design (11,12) AP Studio Art: Drawing (11,12) AP Studio Art: 3-D Design (11,12) Vocal Music (9-12) Choral Ensemble (10-12) Concert Band: Woodwinds and Brass (9-12) Percussion Ensemble (9-12) String Orchestra (9-12) Digital Music Production (9-12) Development of Rock and Roll (9-12) Theater Arts 1 for Film and TV (9-12) | World Languages Latin 3, Honors (11,12) Latin 4, Honors (11,12) AP Latin Vergil and Caesar (11, 12) Mandarin Chinese I (9-12) Mandarin Chinese II (10-12) |
| AP Capstone AP Seminar (11,12) | Scientific Research Scientific Research 1 (required elective) (9,10) Scientific Problem Solving (10,11) Scientific Modeling (11,12) |