

Shrewsbury High School
64 Holden Street
Shrewsbury, Massachusetts 01545
Office of the Principal



Memorandum

To: Dr. Joseph Sawyer
From: Todd Bazydlo
Date: January 18, 2017
Re: Proposed Changes to the 2017-2018 HS Program of Studies

I am pleased to present proposed changes and additions to the *Program of Studies* for the 2017-18 school year. As a result of the projected enrollment growth there are very few proposed changes for the 2017-2018 school year. The majority of the changes are minor language changes designed to give students and families' greater clarity on our academic programming. I look forward to providing the School Committee more detail regarding the revisions listed below at the January 25 meeting.

Thank you for your consideration and support.

Physical Education

1. Minor adjustments in *Creative Movement* activities. The changes in activities are:
The *Creative Movement* strand includes the following activities:
Ice breakers, Swing, Waltz, Line Dancing, Hip Hop, Yoga and Cardio Kickboxing.

Family and Consumer Sciences Department

1. *Mediterranean Cuisine* will be offered during the 2017-2018 school year, while *Foods of the World* will not be offered during the 2017-2018 school year.

Science

1. Add new language changing prerequisite for *AP Physics I*. The modified course prerequisite is as follows: Prerequisite: *Honors Level Science and Honors Pre-Calculus* and teacher recommendation.

Foreign Language

1. Add new course: *Spanish II Language and Culture*. The year long course description is as follows: This course is designed for those students who plan to take no more than two years of Spanish to satisfy a requirement for post secondary education. The first half of the course provides a review of level 1 vocabulary and grammar topics. During the second half of the year, students continue to expand their vocabulary and the past preterite tense is introduced. Students have opportunities to further develop their language skills as well as to deepen their understanding of Spanish-speaking culture via cultural lessons interspersed throughout the curriculum.

Shrewsbury High School Mission Statement

The Shrewsbury High School community provides challenging, diverse learning opportunities; promotes creativity and independent thinking; and empowers students to become capable, caring, active contributors to the world in which they live.

Instructional Technology and Media Services (ITAMS)

1. Add new course: *Computer Science Principles*. Using the nationally recognized *Project Lead the Way* curriculum, this is an introductory course designed to develop computational thinking and introduce professional tools that foster creativity and collaboration. Students will use Python® as a primary tool, but they will also be introduced to multiple platforms and languages, such as php and SQL. Projects and problems include app development, visualization of data, image processing, cybersecurity, and simulation. This course is designed to align with the AP Computer Science Principles curriculum, but it is not intended to prepare students to take the AP exam. If students intend to take the AP exam, they should be prepared to complete two projects (approximately 20 hours per project) and dedicate additional hours to study for the exam.