

Trinity Lutheran High School AP Course Offerings

2013-2014

AP Calculus AB

The main objective for AP Calculus AB is to advance student critical thinking skills and to prepare students for future mathematics courses by providing a strong foundation of skills. The application of these skills is a key component in the course throughout the year. The function concept is central to calculus. The course studies this concept graphically, numerically, analytically, and verbally. This approach to functions builds a conceptual understanding of limits and continuity, differentiation, integration, and differential equations.

AP Music Theory

The ultimate goal of an AP Music Theory course is to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. The achievement of this goal may be best promoted by integrated approaches to the student's development of: aural, sight-singing, written, compositional, and analytical skills.

The course will also seek to instill mastery of the rudiments and terminology of music, including hearing and notating: pitches, intervals, scales and keys, chords, meter, and rhythm. The course will progress to include more sophisticated and creative tasks, such as: melodic and harmonic dictation, composition of a bass line for a given melody, realization of a figured bass, realization of a Roman numeral progression, analysis of repertoire, and sight-singing.

AP U.S. History

AP U.S. History integrates political, social, economic, cultural, diplomatic, and intellectual history in order to convey the experiences of particular groups within the broader perspective of the American past. At the same time, it connects events and issues from the past to the concerns of the present. History shows Americans continuously adapting to new developments as they shape the world in which they live. Often, ordinary Americans from a diverse range of backgrounds are thrust into extraordinary circumstances and the result is an exciting study in the "American experiment." As students study this long-term process, they will also encounter the unexpected – unique events, unintended outcomes, and singular individuals. Students will study the following points for emphasis: chronological organization, geographical literacy, point of view, political dynamics, economic patterns, social and cultural trends, intellectual developments, and influences on the arts.