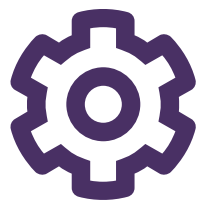


Career Options: AP[®] Calculus

Oh, the possibilities...



Engineers

Take the principles of physics and make them a reality, and calculus is the backbone of physics. Engineers do everything from designing electronic circuit boards to building satellites to launch into space.



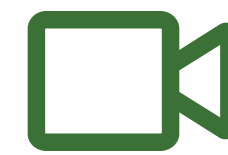
Meteorologists

Predict how the atmosphere affects various aspects of life, including weather and air pollution. They study changes in the atmosphere that conform to the laws of physics, which are modeled by calculus.



Economists

Analyze and predict market trends, including the stock market and inflation. Calculus is the study of how things change, and what changes more rapidly than the stock market?



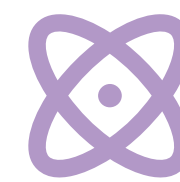
Animators

Use software and other design tools to create visuals for movies, video games, education, and marketing. Animators use calculus to determine the behavior of three-dimensional models in a dynamic environment to make them as realistic as possible.



Architects

Design the buildings in which we live and work. The Empire State Building, the Eiffel Tower, and the Sydney Opera House all required architects who made them not only aesthetically pleasing, but also structurally stable.



Aerospace Engineers

Oversee the designing, manufacturing, and testing of aircraft, satellites, missiles, and rockets. They use calculus to create models, assess the strengths and weaknesses of structural designs, and investigate accidents.