

## Mathematics

**THERE IS SAFETY IN NUMBERS.**

**BUT THERE'S NOTHING SAFE ABOUT TRIG. CALCULUS. DIFFERENTIAL EQUATIONS.**

Your interest in math is not limited to the classes you have to take. Instead, you're interested in an institution with a selection of math courses you want to take. At Estrella Mountain, a foundation in math has always been a top priority, with support programs like the NASA Center for Success in Math and Science. Develop your skills with courses like introductory algebra, or expand your knowledge with advance studies in College Algebra, Finite Mathematics, Plane Trigonometry, Brief Calculus, Analytic Geometry, and Differential Equations. Students with specific career interests can supplement those studies with math courses designed to benefit their degree paths, such as mathematics for industrial applications, or mathematics for elementary teachers.

### SAMPLE CAREERS

	STARTING	HIGH
Budget Analyst I	\$36,299	\$56,898
Electrical Engineer I	\$46,109	\$62,436
Systems Engineer UNIX	\$75,810	\$100,578
Biomedical Engineer I	\$33,231	\$57,553
Geologist I	\$36,818	\$46,799

Source: salary.com (2007)



## Science

**I THINK, THEREFORE, I AM...**

**A CHEMIST. A PHYSICIST. A BIOLOGIST.**

It is the mission of Estrella Mountain not only to advance your knowledge in science, technology, and engineering, but also to prepare you for a seamless transfer to some of the nation's best universities as you continue your undergraduate studies in the discipline of your choice. The college offers small classes of no more than 24 students, and individualized instruction in the areas of astronomy, biology, human anatomy and physiology, microbiology, general and organic chemistry, engineering, geology, and physics, including mechanics, and thermodynamics. Receive consistent instruction with lectures and labs taught by the same instructor. In addition to the educational options, students can also apply to receive a STEM grant, a scholarship intended specifically for science majors which includes an individual education plan and a faculty mentor to guide you through your experiences at Estrella Mountain and beyond.