



USC University of Southern California

Office of the Provost
Summer Programs

USC Summer Programs – Discover Engineering Algebra 2 Waiver Teacher Recommendation Form

Student's Full Name: _____

High School: _____ Current grade in school (*circle one*): 9 10 11 12

Highest level of math completed with B or better: _____

Dear Math Teacher:

The above named student is interested in enrolling in the Discover Engineering summer course at the University of Southern California. In this three unit college course, students will be introduced to various engineering disciplines through a series of lectures, academic exercises, field trips and engineering projects. Students will design, simulate, construct and test: digital logic circuits, programmable logic units, bridges, ROVs, a prosthetic arm, and model rockets.

The minimum requirement for enrolling in the class is Algebra 2. However, students who will not have completed Algebra II before the start of the program will be considered based upon the recommendation of their current math teacher. Please assess and report the student's ability to compute and solve problems in the following mathematical conceptual areas:

	Below Basic	Basic	Proficient	Advanced	Superior
Direct Proportions					
Inverse Proportions					
Binary Number System					
Exponents					
Formulas composed of linear algebraic equations					
Pythagorean Theorem					
Ratios					
Similar Figures					
Sine, Cosine, Tangent					
Resolving vectors					
Graphing in 2 dimensions					
3 dimensional scaled drawing					
Formulas comprised of quadratic equations					

Current math course: _____ Current grade or percentage in course: _____

Recommender print name (Current Math Teacher): _____

Recommender Signature

Date

Please Return to: USC Summer Programs Office ▪ 649 W. 34th St., Suite 108 ▪ Los Angeles, CA 90089-1627
summer.usc.edu ▪ 213.740.5679 ▪ 213.740.6417 (fax) ▪ summer@usc.edu