USC Summer Programs

Pre-calculus | Trigonometry Waiver Teacher Recommendation Form

Student's Legal First and Last Name: _____

Highest level of math completed with B or better: _____ Current grade: 9 10 11 12

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

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Dear Math Teacher:

The student above is interested in enrolling in the Discover Engineering summer course at the University of Southern California. In this 3 unit elective college course, students are 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 PreCalc/Trig. However, students who will not have completed PreCalc/Trig 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
Ratios and Proportions					
Functions					
Binary Number System					
Logarithms and Exponents					
Formulas Composed of Linear & Quadratic Algebraic Equations					
Pythagorean Theorem					
Polynomial Functions					
Similar Figures					
Sine, Cosine, Tangent					
Resolving Vectors					
Graphing in 2 and 3 Dimensions					
Scientific Notation and Significant Digits					
Quadratics and Polynomials					

I rate the applicant for admission in the Discover Engineering course based on their Math proficiency as follows:

☐ I Strongly Recommend   ☐ I Recommend with Reservations
☐ I Recommend   ☐ I Do Not Recommend that this Applicant be Admitted

MATH TEACHER INFORMATION

Name _____
First   Last   Signature   Date

_____
Email   Phone (Area Code/Number)

TO THE RECOMMENDER:
Please return the completed form to the *USC Summer Programs Office*.
Email the PDF to summer@usc.edu, Subject: Waiver – Student Legal First and Last Name