

GEAR UP Summer Institute

INTRODUCTION TO ENGINEERING WORKSHOP



WHAT IS IT?

Oregon GEAR UP, in conjunction with Dr. Chris Carroll of Saint Louis University, will be hosting an Introduction to Engineering Workshop for 7-12 grade math teachers. The workshop will be a 3-day professional development opportunity featuring interactive and engaging learning opportunities that math teachers can use to motivate and prepare students to pursue careers in Science, Technology, Engineering, and Math (STEM). Participating teachers will learn about engineering and the importance of foundational math courses for students who pursue engineering and other STEM related careers. Participating teachers will leave with a total of twelve experiential learning modules that align with Common Core standards for Grades 7 and 8, along with Algebra I, Geometry, and Algebra II. Each participating teacher will also receive all of the necessary materials to complete the modules in their classes. Lastly, participating teachers will learn to “design-your-own” module.

WHO SHOULD PARTICIPATE?

GEAR UP middle school and high school math teachers, ideally in departments or teams. Science teachers are also welcome to attend, but the content of this workshop will be focused on math education.

LOGISTICS

- *Date/Time:* July 30, 2019 to August 1, 2019; 9 AM to 4 PM
- *Place:* CH2M Hill Alumni Center, OSU, Corvallis, OR
- Lodging from Monday to Wednesday nights will be provided by GEAR UP at Hilton Garden Inn, Corvallis
- Lunch provided daily. Breakfast included with lodging.
- Teachers will be paid a \$600 stipend after the institute (*note only participants from GEAR UP and Affiliate schools are eligible for the stipend*).
- Registration deadline is May 15th and capacity is limited.

For more information or registration, visit http://oregonstate.qualtrics.com/jfe/form/SV_3NVzJ3OKqm87u5