



RISE 2017

ROWAN'S INTRODUCTION FOR STUDENTS TO ENGINEERING

WWW.ROWAN.EDU/RISE

RISE - Overview

- ▶ RISE 2017 – 11th consecutive year
- ▶ Sponsored by PSEG
- ▶ Audience – all current high school students are eligible to apply by due to overwhelming response, typically Juniors are accepted
 - ▶ Application – advanced courses and essay
- ▶ Three-day, non-residential summer camp held in July
- ▶ 1-2 hour laboratory clinics and hands-on engineering projects representing all engineering disciplines
- ▶ Tours – College of Engineering, Rowan Campus, Industry & Tech Park
- ▶ Taught by faculty, Professors and Graduate students
- ▶ Mentors – Rowan University upperclassmen

RISE 2017 Assessment

- ▶ 70% Male, 30% female
- ▶ 96% of participants assessed the program increased their interest in engineering
- ▶ 100% of the participants would recommend RISE to a friend
- ▶ Engineering projects - Polymers, Concrete Canoes, Bottle Rockets, Fermentation, Arduino coding, Medical device - are well-received
- ▶ Field Trips – PSEG, CREATEs and VR/CAVE with SJTP Virtual reality CAVE getting 100% approval
- ▶ Comments were mostly favorable with a few replies regarding not spending enough time in a particular discipline or disliking a particular discipline's project.