

SAME - USMC
Construction and
Engineering Camp 2016
MCB Camp Lejeune
19 - 25 June 2016



WHY ATTEND USMC SOCIETY OF MILITARY ENGINEERS?

- ▶ Over 2000 alumni
- ▶ 15 year history conducting STEM camps
- ▶ Challenging environment
- ▶ Hands on activities
- ▶ Young engineer mentors
- ▶ Real life scenarios
- ▶ Meet new friends from different states
- ▶ Scholarships and mentoring support
- ▶ Food really good
- ▶ FUN FUN FUN

SAME CAMPS

- ▶ SAME camps have been going on for more than 30 years
- ▶ SAME camps are held at
- ▶ Camp Lejeune in Wilmington, NC with over 500,000 acres of land
- ▶ USAir Force Academy in Colorado Springs
- ▶ United States Army Camps are held in Vicksburg Missouri
- ▶

DID YOU KNOW

- ▶ The average American K-12 student spends four hours a day in front of a TV.
- ▶ Sixty-nine percent of United States public school students in fifth through eighth grade are taught mathematics by a teacher without a degree or certificate in mathematics.
- ▶ About one-third of US students intending to major in engineering switch majors before graduating.
- ▶ The United States ranks 27th out of 29 wealthy countries in the proportion of college students with degrees in science or engineering,
- ▶ According to the ACT College Readiness report, 78 percent of high school graduates did not meet the readiness benchmark levels for one or more entry-level college courses in mathematics, science, reading and English.

FACTOIDS

- ▶ Some 44% percent of doctoral degrees in natural sciences (including the physical, biological, earth, ocean, and atmospheric sciences) and 66% of engineering PhDs in the United States are awarded to foreign-born students
- ▶ Over the past 3 years alone, both China and India have doubled their production of 3- and 4-year degrees in engineering, computer scientists and information technology, while the US production of engineers is stagnant and the rate of production of computer scientists and information technologists doubled.
- ▶ The total annual federal investment in research in mathematics, the physical sciences and engineering is now equal to the increase in United States healthcare costs every two weeks

DID YOU KNOW

- ▶ “When I compare our high schools to what I see when I’m traveling abroad, I am terrified for our workforce of tomorrow.”
-Bill Gates, Chairman & Chief Software Architect of Microsoft Corporation
- ▶ “If you want good manufacturing jobs, one thing you could do is graduate more engineers. We had more sports exercise majors graduate than electrical engineering grads last year.” Jeffrey R. Immelt, Chairman & CEO GE
- ▶ More S&P 500 CEOs obtained their undergraduate degrees in engineering than in any other field.

Squads - Alpha, Bravo, Charlie and Delta 2014



Alpha Squad



Bravo Squad



Charlie Squad



Delta Squad



Day One - In-processing and BBQ



Day Two - Beam Design, MRAP rides, Demo Range



Day Three - Trebuchet, Moving Water Uphill



Day Four - Stormwater, Reaction Course



Day Five - Cardboard AAV Race



Day Six - Beam Break, Demo Range, Solar



Awards and Scholarship



Awards



More Information



- ▶ SAME National Camps Website

www.samecamps.org

- ▶ Visit our Facebook Page

US Marine Corps Society of American
Military Engineers Construction Camp

THANK YOU



FOR A GREAT WEEK AND AWESOME
OPPORTUNITY!

LUKE BENDER

ANY QUESTIONS??