Next Energy Engineering & Apple App Development

Do you want to find ways to positively affect your global footprint? Next Energy Engineering exposes students to engineering improvements through renewable energy sources. Working with solar, thermal, chemical and mechanical sources of clean energy, students learn the most efficient use of energy production as they explore the global impact of energy disparity.

If you have ever thought, "There should be an app for that!", then Apple App Development is for you! Students learn the Swift programming language to write their own Applications for use on iPhone and iPad. Students have the opportunity to work in teams and as individuals to develop apps using Xcode.
(Counts as Computer Graduation Requirement)

"I WOULD RECOMMEND R2I2, NOT ONLY BECAUSE OF THE GREAT ENVIRONMENT THEY PROVIDE FOR STUDENTS BUT ALSO ALL THE OPPORTUNITIES THEY GIVE US. SINCE BEING HERE I HAVE BECOME SOFTSKILLS AND SERVESAFE CERTIFIED, AND I HAVE LEARNED SKILLS THAT CAN BE APPLIED TO REAL LIFE SITUATIONS. I THANK R2I2 FOR THAT."

BENJAMIN WOOD, *WESTWOOD HIGH SCHOOL*

3D Printing and Design & Virtual Business

"R2I2 IS AN AMAZING EXPERIENCE ONE OF THE BEST COURSES I HAVE EVER TAKEN."

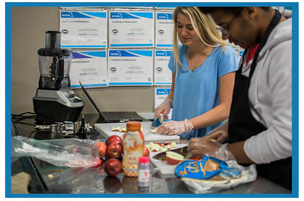
SE'KOU CHATMAN, *BLYTHEWOOD HIGH SCHOOL*

The 3D Printing and Design course allows students to create prototypes through the use of highly advanced software used by BMW, Boeing, and Volvo. Students will have access to state-of-the-art 3D printers to make workable models that they can share with their friends and family.

Create and run your own real business! Work within a corporate structure (maybe even become CEO), and take entrepreneurial risks without using your own money! This class is an amazing opportunity to learn business skills the best way: by actually running a business.

Culinary: Baking and Pastry & Social Media

If you think you can become the next Cake Boss, step up and try out your culinary skills in this class where dessert bars, breads, cakes, and pies are the edible resume points you need to start a career or hobby in baking. Learn from a real chef!



Are you interested in a marketing-related career? Want to build a real professional portfolio for REAL clients? Social media, digital content, creating videos are all part of this class. If you love being creative and spend time on social media sites, this class is for you.

" THE CLASSES THAT R2I2 PROVIDES ARE VERY INTERACTIVE AND I CAN TELL THAT IT'S ALREADY PREPARING ME FOR MY FUTURE. THE TEACHERS ARE SPECIALISTS/PROFESSIONALS IN THEIR PARTICULAR AREAS...MY TEACHER IS HELPING ME TO GUIDE AND ESTABLISH MY BUSINESS WHICH I AM THRILLED ABOUT."

FERRIN THOMPSON, *RIDGEVIEW HIGH SCHOOL*

Global Logistics & Computer Forensics

Are you good at puzzles and logic games? Global Business Logistics is one of the fastest growing and most profitable areas in the U.S. and South Carolina. Students will learn the basics of the supply chain and wrestle with real logistics using equipment like drones and fork lifts. Students will be given an opportunity to become a certified forklift operator as well as trained to become a FAA certified drone pilot.

Ever been hacked? Have you read about how companies can lose millions of dollars to cyber-criminals? Find evidence of computer crimes, how to properly gather evidence, and how to become an expert witness. This curriculum is one-of-a-kind in South Carolina, built in partnership with SLED (South Carolina Law Enforcement Division). Students use the equipment and software that professional investigators use and can become SLED certified.

"WE FEEL R2I2 HAS GREAT OPPORTUNITIES FOR KIDS LIKE US IN HIGH SCHOOL. THERE IS SO MUCH WE LEARN HERE AND WE HAVE FUN WHILE DOING SO!"

JORDAN WILLIAMS AND ZAMARI NEVILS, *SPRING VALLEY HIGH SCHOOL*

AWARDS & DISTINCTIONS:

- Lemelson-MIT InvenTeams EXCITE Award Recipient
- Dassault Academic Testing Center
- Samsung Solve for Tomorrow
  SC winner: In-line Flood Alarm System
  SC Finalist: Sustainable Food & Energy Solutions
- IT-ology/State Department Innovation Challenge
  3rd place winner: Pacemaker Guard
- Edison Award Nominee
- Richland Two Back Pack Program
- Custom-label Water Bottles
- Partnership with enable to provide prosthetic devices

R2I2 IS A PLACE WHERE STUDENTS' IDEAS AND FUTURES CAREERS CAN GROW. EVERY STUDENT IS SPECIAL AND CAN EXHIBIT THEIR TALENT AND SHOW OFF WHAT THEY'VE LEARNED THROUGH THEIR OWN WAYS. IT MAKES STUDENTS FEEL MORE SELF-DETERMINED AND INDEPENDENT IN THIS ENVIRONMENT..WHEN STUDENTS COME UP WITH AN INNOVATION THAT'S MADE POSSIBLE WITH THE PHENOMENAL STAFF THAT WILL HELP EVERY STEP OF THE WAY, ALL WHILE LIFTING YOU UP WHEN YOU NEED IT THE MOST. R2I2 IS A WORTHY PLACE FOR STUDENTS TO COME AND HAVE A FUN EXPERIENCE WHILE LEARNING.

KEZIA GIBSON, *RICHLAND NORTHEAST HIGH SCHOOL*

TRANSPORTATION

Both self-transport and shuttle options are available.

STEPS TO ENROLL

Students simply make their R2i2 Course Requests by contacting their School Counselors at their home high schools. R2i2 classes are part of the regular Schedule Requests made each year.

TWITTER: @THER2I2EDGE
FACEBOOK: THE R2I2 EDGE
803-738-3326 • WWW.R2I2.ORG
763 FASHION DRIVE, COLUMBIA, SC 29229

Richland Two Institute of Innovation
R2 i2
Endless Possibilities

CREATIVITY
ENTREPRENEURSHIP
LEADERSHIP
GLOBAL IMPACT
COLLABORATION
+YOU
INNOVATION

RICHLAND SCHOOL DISTRICT TWO

AT R2I2, STUDENT INNOVATION, CREATIVITY, AND DETERMINATION MEET OPPORTUNITY. STUDENTS FROM ALL RICHLAND TWO HIGH SCHOOLS JOIN TOGETHER TO TAKE EXCITING, INTERESTING, AND DIFFERENT COURSES, WHICH ARE AN EXTENSION OF THEIR LEARNING OPPORTUNITIES AT THEIR HOME HIGH SCHOOLS.