It is the policy of the Alabama Department of Postsecondary Education, including all postsecondary institutions under the control of the Alabama State Board of Education, that no person shall, on the grounds of race, color, disability, sex, religion, creed, national origin, or age, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program, activity, or employment.

Kidz Kollege
Community Education
9500 Old Greensboro Road
Box 210
Tuscaloosa AL 35405

JULY 8-25, 2013
Monday-Thursday

WEEK ONE
July 8-11
JR. ENGINEERING 1
9:00 a.m. - noon
Grades 1-3

ELEMENTARY ENGINEERING
1-4:00 p.m.
Grades 4-8

WEEK TWO
July 15-18
JR. VEHICLE ENGINEERING
9:00 a.m. - noon
Grades 1-3

COLLISION CARS
1-4:00 p.m.
Grades 4-8

WEEK THREE
July 22-25
JR. ENGINEERING 2
9:00 a.m. - noon
Grades 1-3

VEHICLE ENGINEERING
1-4:00 p.m.
Grades 4-8

LEGO ENGINEERING 2013
Coming to Shelton State is the opportunity for your kids to have a great time while learning critical Science, Technology, Engineering and Math (STEM) concepts that meet National Science Standards. These classes will help reinforce and add to what your child has learned in the classroom. The class will be facilitated by a local instructor from All About Learning Inc. All About Learning Inc. is a company based in Sparta, Michigan, and is in the business of creating brighter futures, offering classes focusing on STEM learning for any school age group (K-8). Instructors create a fun, hands-on environment to help kids build on their education.

Concepts learned include the following:
- Basic engineering principles
- Design and redesign models
- Gears and gear ratios
- Simple machines
- Forces in motion
- Integrated problem solving
- Communication skills
- Teamwork and collaboration

**ELEMENTARY ENGINEERING™**
Using our unique LEGO® kits, students will creatively build and modify machines applying basic engineering principles. This is an integrated science and math class. Students will learn a variety of concepts and apply their acquired knowledge about gearing and gear ratios, simple machines, problem solving, and communication skills throughout this class. This challenges students to incorporate the traits of an engineer in a classroom setting. Elementary Engineering Includes a culmination event at the end of class.

**VEHICLE ENGINEERING®**
Students will build up to two different motorized vehicles per class, as well as a final project using our unique LEGO® kits. Vehicles include everyday vehicles and construction machines. Students will learn a variety of concepts throughout this class, including basic engineering principles, gearing as well as gear ratios, electric motors and energy, integrated problem solving, forces in motion, and communication skills.

**COLLISION CARS™**
Students will use our unique LEGO® kits to build a variety of cars they will battle. This is a class of exploration, problem solving, and risk-taking with a goal of learning and experimenting on how machines work and compete. Students will learn a variety of concepts throughout this class including basic engineering principles, gearing and gear ratios, electric motors and energy, problem solving, and communication skills. In addition, students will apply their acquired knowledge in an arena where they will battle their designs. This challenges students to incorporate the traits of an engineer in a classroom setting.

**JUNIOR VEHICLE ENGINEERING™**
Students will creatively build and modify different vehicles including everyday vehicles, concept cars, and construction machines using our unique LEGO® kits.

**JUNIOR ENGINEERING™ 2**
Students will build projects of a slightly higher complexity than JE1 using gears and motors from our unique LEGO® kits. A must for students who enjoyed Jr. Engineering 1 (though JE1 is not required).

Each session runs for four days at a cost of $155.00 per camp session. A discounted price of $125 per session is offered if you enroll in more than one week.

**Deadline for registration is July 5, 2013**

**REGISTRATION FORM**

Name of Student:____________________________________________
Social Security #:____________________________________________
Grade Completed:__________
Birth Date:_______________ Sex: __________
Class(es) Desired:____________________________________________________________________________________________________________________________________
Name of Parents/Guardian:____________________________________________
County:____________________________________________
Address:____________________________________________
City:________________________________________State:______   Zip:_________
Telephone Day:________________________________Evening:_____________________________
E-mail:______________________________________

Master Card, Visa, Discover, American Exp. # _____________/____________/_________/__________EXP:_____________
Security Code #:____________

☐ I have enclosed full payment of $155.00 per child per course.

For more information call 205.391.2323.

Make checks payable to Shelton State Community College. Please include DL#, SS#, and date of birth on the check.

MAIL TO
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Community Education
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Tuscaloosa, AL 35405