

# Summer Engineering Academy

**McNeese**  
STATE UNIVERSITY  
Department of Engineering



The 2009 Summer Engineering Academy is designed for high school students (entering 11th and 12th grade) interested in pursuing science and engineering careers. The academy will utilize Lego Mindstorms NXT robotics kits to teach basic principles in dynamics, mechatronics, control systems, as well as other concepts associated with robotics. Explore the world of engineering as you experience a fun and creative teamwork challenge by participating in a two-week long hands-on workshop discovering the essential parts of robotics, exploring Science, Technology, Engineering and Math (STEM) careers while you experience college life as an engineering student.

More information about the Summer Engineering Academy can be found at [www.mcneese.edu/summercamp](http://www.mcneese.edu/summercamp)  
Information about the Lego Mindstorms NXT robotics program can be found at: [mindstorms.lego.com](http://mindstorms.lego.com)

- When:** June 8 -19, 2009, Monday-Friday  
8:30 am- 4:30pm
- Where:** Drew Hall, McNeese State University
- Target group:** Students entering grades 11th and 12th  
(20 participants)
- Registration fee:** \$300 (prior to April 30)  
\$350 (after April 30) T-shirt and snacks included,  
bring your own lunch.
- Registration deadline:** May 22, 2009
- Instructor:** Dr. John Li  
Assistant Professor of Mechanical Engineering



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## Application Form (detach and mail)

Student Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Grade: \_\_\_\_\_ Email: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
T-Shirt Size: \_\_\_S \_\_\_M \_\_\_L \_\_\_XL \_\_\_XXL

Please make checks payable to McNeese Foundation. Please note "Summer Engineering Academy" in the memo section

Mail to: Dr. John Li, Department of Engineering, McNeese State University, Box 91735, Lake Charles, LA 70609.  
You can also register online at: [www.mcneese.edu/summercamp](http://www.mcneese.edu/summercamp) .