

# Christian Brothers University

## SCHOOL OF ENGINEERING

CHRISTIAN BROTHERS UNIVERSITY offers undergraduate engineering programs in the four foundation disciplines of chemical, civil, electrical, and mechanical engineering.

Each curriculum is sufficiently flexible to permit a student to tailor a course of study for entry into the engineering profession immediately or for continued study in graduate school. While most graduates remain in the engineering profession, a significant number use their engineering background as a foundation for professional careers in law, medicine, business, education, science, and other fields.

The chemical, civil, electrical, and mechanical engineering degree programs are accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (111 Market Place, Suite 1050, Baltimore, MD, 21202-4012, 410-347-7700). The school also offers a minor in computer engineering and two undergraduate certificates in construction management and packaging engineering.

The Master of Engineering Management program builds upon the bachelor's degree preparation in several engineering disciplines as well as other technical fields, such as physics, chemistry, and quantitative management. The purpose of the program is to prepare men and women to successfully address supervisory and managerial needs in a technical environment. The role of the engineering manager is viewed as the link between management and technical expertise and involves matching or managing resources in cross-functional or uncoordinated areas, working through people, and simultaneously formulating technical strategies for the success and survival of the enterprise. The program also offers a graduate certificate in information technology.

## CONTACT INFORMATION

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## PACKAGING ADVISORY GROUP @ CBU

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## Christian Brothers University

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# PACKAGING ENGINEERING



## WORKSHOP FOR HIGH SCHOOL STUDENTS

**NOVEMBER 9, 2006**

# Christian Brothers University

SCHOOL OF ENGINEERING

Sponsor: International Paper Foundation

# PACKAGING ENGINEERING

Packaging engineering is an interdisciplinary field, in which scientific and engineering principles are applied to develop and produce packages that contain, protect and preserve, transport, inform, and sell a product. Packaging engineering includes the study of products, packages, materials, containers, structures, methods, machinery, and transportation. It involves such disciplines as chemistry, physics, material science, mechanics, machine design, industrial engineering, electronics, material handling, and other specialized skills.

Packaging is an over \$100 billion a year business and the third largest industry in the United States. About \$450 billion worth of materials are used worldwide. The total employment in packaging is estimated over a million. Packaging engineers are employed in such areas as package engineering, development, sales, purchasing, structure design, production, research, and marketing. Packaging professionals on average earn about \$70,000 per year.

CBU is the only institute in the mid-south that offers a packaging engineering program. The program is supported by state of the art packaging related labs funded by the Assisi Foundation of Memphis. Other supports are from many organizations, including Medtronic Foundation, International Paper Foundation, and FedEx. A CBU engineering student can obtain a Packaging Engineering Certificate in addition to his/her B.S. degree in chemical, civil, electrical, or mechanical engineering.

## PACKAGING WORKSHOP FOR HIGH SCHOOL STUDENTS

**Date:** November 9, 2006  
**Time:** 3:00 p.m. - 6:30 p.m.

**Eligibility:** Currently a high school student,  
Grades 9 - 12

**Program Description:** Students will be introduced to various aspects of packaging engineering, including an overview of packaging engineering, test demonstrations, and career opportunities.

Pizzas, drinks, and door prizes will also be provided!

**Application:** Fill in the application form. Send it to the address below by October 23, 2006 (postmarked) with a \$5 application fee (make check payable to Christian Brothers University) – *Note: After being accepted to the program the fee is non-refundable. In case your application is turned down due to limited space, we will return your check to you. We will send you a notification letter by October 30, 2006*

**MAIL TO:**  
**2006 Packaging Workshop**  
**c/o: Siripong Malasri**  
**School of Engineering**  
**Christian Brothers University**  
**650 East Parkway South**  
**Memphis, TN 38104**

**For more information visit**  
**[www.cbu.edu/engineering/packaging](http://www.cbu.edu/engineering/packaging)**

### APPLICATION FORM 2006 Packaging Workshop for High School Students

Name \_\_\_\_\_ (Last) \_\_\_\_\_ (First) \_\_\_\_\_ (M.I.)

School: \_\_\_\_\_ Grade: \_\_\_\_\_

Home Mailing Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_