



## HEALTHCARE PACKAGING CONSORTIUM

The Healthcare Packaging Consortium was founded on June 1, 2010, at Christian Brothers University. Its mission is to advance the knowledge related to healthcare packaging through education and research.

The consortium has brought together various technical professionals through seminars, conferences, and R&D projects. R&D projects were suggested by consortium members, while CBU faculty, staff, and students executed them with assistance from consortium member companies and funding from membership fees. Research results have been published in the consortium's official journal, *International Journal of Advanced Packaging Technology*, and the International Engineering Science Technology Online Conference. The synergy between member companies and Christian Brothers University benefits the packaging industry.

### MORE INFO

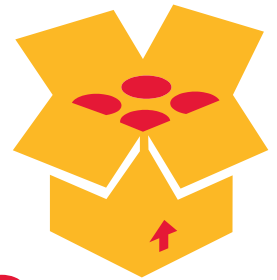
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think  
**inside**  
the box.

**PACKAGING@**



### CBU PACKAGING LAB

CBU packaging programs and activities are supported by a well-equipped packaging lab certified by ISTA. Lab equipment includes drop tester, vibration table, incline impact tester, shock machine, compression machine, tensile tester, temperature/humidity chamber, altitude chamber, sample table, Mullin burst tester, edge crush tester, and thermoforming machine.

The CBU Lab also prepares students to become an ISTA-Certified Lab Technicians.

### OTHER SUPPORTING PROGRAMS

The CBU packaging programs are supported by excellent engineering programs at CBU including chemical/biochemical, civil/environmental, electrical/computer, mechanical engineering, and a graduate program in engineering management. Students in packaging programs also benefit from courses offered by the other three schools at CBU: School of Arts, School of Business, and School of Sciences.

# PUSH THE ENVELOPE.



**PACKAGING** 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 market products. It includes the study of products, packages, materials, containers, structures, methods, machinery, and transportation. It also involves such disciplines as chemistry, physics, material science, mechanics, machine design, industrial engineering, electronics, material handling, business management, and other specialized skills.

## PACKAGING @ CBU

Christian Brothers University has offered many packaging-related programs and activities since 2002. They are:

### UNDERGRADUATE LEVEL

Packaging programs at the undergraduate level include a Packaging minor, and a **Bachelor of Science in Engineering Management** with a Packaging Concentration.

#### PACKAGING MINOR

The program is designed for engineering students who would like to acquire a packaging background so they can better design products by taking into account the requirements of packaging. The program consists of courses including Packaging Laboratory, Principles of Packaging, Healthcare Packaging, and Packaging Development. Prerequisites include a college-level chemistry course and a college-level calculus course.

#### B.S. IN ENGINEERING MANAGEMENT (Packaging Concentration)

This program is designed for those who would like to develop business skills with a packaging background so they can market packaging-related products/equipment/services. The program consists of courses in liberal arts, math/science, business, engineering, and packaging courses.



### GRADUATE LEVEL

CBU offers a **Master of Science in Engineering Management** with a Packaging Concentration.

The program is designed for those who have already have an undergraduate degree and are assuming managerial responsibilities in their packaging-related company.

The program consists of 24 credits of core engineering management courses and 9 credits of packaging courses.