



# THINK INSIDE THE BOX

*Packaging@*



[cbu.edu/packaging](http://cbu.edu/packaging)



# 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.

## 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, and edge crush tester.

The CBU Lab also prepares students for various industry-recognized certifications, including ISTA Certified Packaging Laboratory Professionals (CPLP), ISTA Certified Packaging Dynamics Professionals In Training (PDP In Training), and IoPP Certified Packaging Professionals InTraining (CPP In Training).



# UNDERGRADUATE PROGRAMS

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 "... Consists of courses including Distribution Packaging, Packaging Materials, Principles of Packaging, Healthcare Packaging, and Packaging Development.

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

This program is designed for those who would like to develop packaging skills with a business 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 PROGRAM

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

# 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 Science



# 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 conferences and R&D projects. Research results have been published in the International Journal of Advanced Packaging Technology and the Proceedings of the International Engineering Science Technology Online Conference. The synergy between member companies and Christian Brothers University benefits the packaging industry.

**For more information, contact**

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