Cal Poly's industrial technology and packaging program incorporates a broad range of technical skills and business management knowledge to cultivate creative industry leaders. Through Cal Poly’s Learn by Doing philosophy, students are empowered to innovate and test new products, design prototype packaging solutions, conduct lean manufacturing analyses, and develop plans for technology commercialization to improve the intersection between technology, people and organizations. Because of its small class sizes and hands-on approach, Cal Poly's industrial technology and packaging degree is recognized as one of the strongest in the country. Leading companies in agriculture, technology and manufacturing seek its graduates for dynamic careers with some of the highest starting salaries of any Cal Poly graduate.

**CORE COURSES**

**ITP 303: Lean Six Sigma Green Belt**
Develop a comprehensive skill set to function as a lean six sigma leader, including problem definition, measurement, analysis, improvement, control and leadership.

**ITP 330: Packaging Fundamentals**
Survey packaging processes and technology through the supply chain.

**ITP 410: Operations Planning and Control**
Link supply chain operations to deliver value to the end customer using advanced manufacturing concepts, such as mixed model manufacturing.

**ITP 475: Packaging Performance Testing**
Test packaging materials and products based on international standards.

**ITP 371: Supply Chain Management in Manufacturing and Services**
Sharpen decision-making skills regarding value chains dealing with hard goods and services from design to daily management techniques and technology.

**ITP 302: Developing and Presenting New Enterprise Strategies**
Take a new industrial enterprise from concept to successful launch while building effective technical presentation skills.

**POSSIBLE CAREER PATHS**

- **Quality Engineer** - Assures products are designed and manufactured reliably, meeting regulatory requirements and customer expectations.
- **Business Analyst** - Designs and analyzes business systems that support the various steps in the supply and manufacturing chain.
- **Packaging Engineer/Designer** - Assures packaging systems are designed and manufactured to meet project objectives under economic constraints.
- **Production Supervisor** - Works directly with sales, purchasing, shipping, and training to ensure quality and efficiency.
ITP 467 // THE INDUSTRIAL TECHNOLOGY CAPSTONE COURSE

IT 407: Applied Business Operations challenges teams of students to design, manufacture, package, market and sell 80 to 100 units of a product based on a limited budget in just 10 weeks. Students combine lessons from their previous classes to navigate each step of the supply chain and develop a repeatable manufacturing process manual. Students sharpen hard and soft skills – from materials testing to sales – through this resume-worthy experience.

ITP 485 // THE PACKAGING CAPSTONE COURSE

IT 435: Packaging Development empowers students to design and prototype innovative packaging systems from concept to final specifications. Students integrate knowledge from their previous packaging courses to synthesize it in solutions that consider the different stakeholders of the packaging value chain. Students experience the decision process behind defining primary, secondary, and tertiary packaging systems.

TECHNOLOGY IN THE CLASSROOM

The Cal Poly students have access to a network of industrial labs that provides students hands-on exposure to technologies that reflect the realities of 21st century business. Each course has a lab component to empower students to apply their knowledge and test their ideas as they explore lean operations and sustainable packaging practices. Each student has access to the full continuum of labs, including:

- Materials Testing Lab
- Packaging Design Lab
- Product Fabrication Lab
- Graphic Design Lab
- Polymers Processing Lab
- Packaging Dynamics Lab
- Rapid Prototyping Lab
- Power Systems Lab

CLUBS & ACTIVITIES

Poly Pack
Poly Pack strives to “integrate industry with education” by organizing field trips, hosting guest speakers, and hosting an annual packaging symposium also called Poly Pack. The event promotes Cal Poly’s packaging program and interdisciplinary cooperation through exploration of existing and new technologies, trends and problems facing packaging.

Industrial Technology Society
Since 1959, the Industrial Technology Society has connected students with industry through speakers, plant tours, trade shows, open lab hours and professional networking events. The club regularly connects with recruiters and Cal Poly alumni.

No.2
Orfalea graduate salaries are the second highest among all public business schools in California (Payscale.com, 2016).

TOP 5%
Money Magazine ranks Cal Poly one of the “Best Colleges” for overall value among U.S. four-year universities (2014).

No.11
Payscale.com found that Cal Poly’s business education has one of the best returns on investment in the nation (2017).