

In this Issue



Engineering Entrepreneurship Minor

See our entrepreneurship minor recommended academic plan.

[Learn More >>](#)



Student Exhibit

See how electronic waste is being transformed into jewelry and taking their ideas to Kenya.

[Learn More >>](#)



New Student Enterprise Award

Jumpstart your future business by applying for the Enterprise Award.

[Learn More >>](#)

Follow recent news and initiatives at the CEED website:
<http://www.bk.psu.edu/Academics/CEED.htm>

Mission

The mission of the Center for Entrepreneurship and Economic Development (CEED) is to inspire an entrepreneurial spirit and innovative thinking in the Pennsylvania State University Berks community. CEED seeks to foster economic growth and development in the Greater Reading area through technology based solutions, human capital development, and enterprise creation.

Engineering Entrepreneurship Minor

This 18-credit interdisciplinary minor is designed to foster creativity, leadership, and teamwork, and it is open to all Penn State Berks students regardless of their major. In most of the classes, independent learning is emphasized. The required courses are shown below.

MGMT 215

Entrepreneurial Mindset

A problem based learning course, class lecture time is minimal.

ENGR 310

Entrepreneurship Leadership

Engineers and students from other majors collaborate on projects while learning about leadership and entrepreneurship. This is the introductory course to enter the minor, and it emphasizes problem-based learning.

QMM 492

Engineering Design Principles

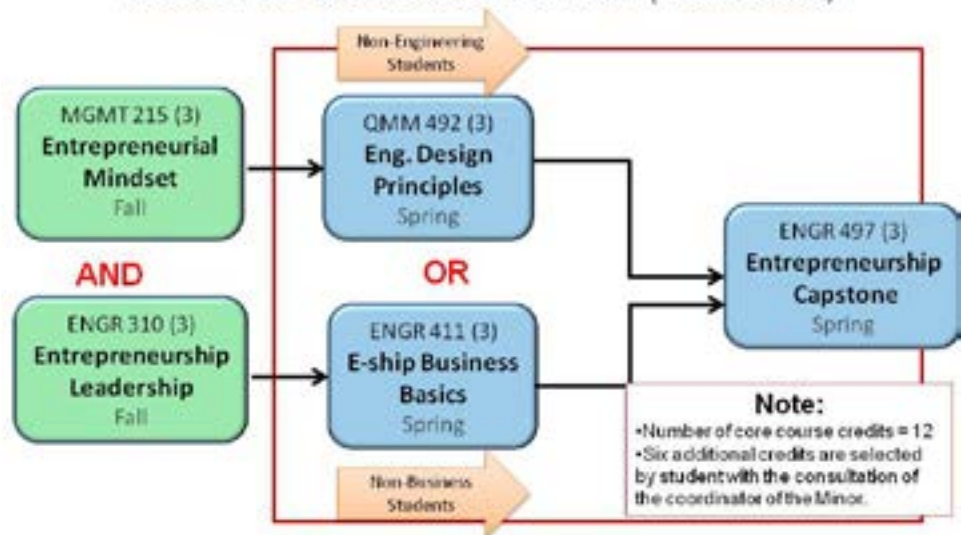
An introduction to Engineering Design course. Non-engineering majors learn about engineering fields, graphics, design, and solid modeling.

ENGR 497

Entrepreneurship Capstone

This is the “capstone” course, and it examines the entrepreneurial mindset while designing, testing, and launching new products.

Entrepreneurship Minor Recommended Academic Plan (18 Credits)



OR

ENGR 411

Entrepreneurship Business Basics

Engineers, Information Science and Technology, and other non-business majors learn about business finance, intellectual property, and marketing.

Additional six credits are required

Contact:

Sadan Kulturel-Konak

Entrepreneurship Coordinator

sxk70@psu.edu

Student Exhibits

Penn State Berks students are displaying jewelry that they created at the GoggleWorks Center for the Arts during the week of April 22–28, 2012. But this is no ordinary jewelry—rather it is jewelry created from electronic waste to benefit youth in Kenya. It all began when the Penn State Berks “Creative Minds Team,” comprised of Penn State Berks students, traveled to Kenya from May 17–June 2, 2011, to visit the Children and Youth Empowerment Center (CYEC) in Nyeri, Kenya to teach the youth a skill that would help to sustain them: how to create jewelry from electronic waste and benefit from the profit for future educational advancements.

Throughout this project, Penn State Berks collaborated with Jomo Kenyatta University of Agricultural and Technology (JKUAT). To continue the collaboration, Anthony Munyi, a junior majoring in Electronics and Computer Engineering from JKUAT, is visiting Penn State Berks from April 22–April 28.

This initiative was coordinated by Dr. Sadan Kulturel-Konak, associate professor of Management Information Systems and coordinator of the Engineering Entrepreneurship minor. “The idea of creating jewelry out of electronic waste in Kenya was very innovative in many ways: reducing the waste, creating sustainable solutions for the population of street dwelling young people in Kenya, and contributing to youth education” commented Kulturel-Konak.

The Creative Minds Team taught the children from the CYEC about electronic waste, how to dismantle the waste properly, and how to create jewelry and art from the waste. This project is funded by a program and course development grant from the National Collegiate Inventors and Innovators Alliance (NCIIA). Kulturel-Konak and Dr. Janelle Larson, associate professor of Agricultural Economics and Head of Engineering, Business, and Computing Division, are investigators on the grant.

The Creative Minds Team is currently working on marketing the product in the Greater Reading area. For more information about the Creative Minds, please see www.ewasteatpsu.wordpress.com.



New Student Enterprise Award

The purpose of this award shall be to provide seed money to support an enterprising and innovative student at Penn State Berks. The main objective of the award is to allow students to utilize their Penn State Berks education to become entrepreneurs and start businesses which can create jobs in our local community.

The requestor and project lead for this award must be a junior or a senior student majoring in Engineering, Business, or Information Sciences and Technology programs and enrolled at Penn State Berks. All other students enrolled at Penn State Berks are eligible to be a member of the team but can not be the project lead and/or the requestor. Download printable flier (PDF) »

A one-time total grant of up to \$3,000, as determined by the Review Committee, may be awarded to a successful student or students who demonstrate:

- A passion to start a new business
- A business plan outlining the product requirements and time table for profitability
- A demonstrated product prototype that will be the core of the business plan
- The marketplace, including competition, where the product will be sold
- The sources and locations where the product will be developed, fabricated, and/or obtained
- An understanding of the quality, safety and ethical issues as well as any government regulations required of the new business
- A mentor who will assist, guide, and support the student during the startup phase.

[See Flyer >>](#)

Contact Us

For additional information, please contact

Dr. Sadan Kulturel-Konak

sxk70@psu.edu

Associate Professor of Management Information Systems

Coordinator, Engineering Entrepreneurship Minor

Director, Center for Entrepreneurship and Economic Development