



Exposure to employer projects enables INTI's students to enhance their problem-solving, collaboration and vital skills.

Hands-on learning opportunities

SINCE 2011, INTI's students have successfully engaged in and completed a total of 180 innovative projects with 125 employers from various industries.

These assignments were formulated to help develop in-demand skills such as problem-solving, collaboration and effective communication.

By providing a teaching and learning environment that is career-focused, INTI empowers its students to be self-directed, motivated and independent learners.

A chance to learn

An employer project strengthened Tan Zhi Ming's communication and critical-thinking skills and strengthened his profound interest in engineering.

As a mechanical engineering student at INTI, Tan participated in a project with APM Plastics Sdn Bhd and gained valuable insight into the process of auto parts manufacturing.

Tan, a recipient of the University of New South Wales (UNSW) Golden Jubilee Award, and his classmates were required to conduct research on the company's production process, come up with a proposal to improve production efficiency and present their findings to the general manager of APM Plastics.

"The opportunity to work on a real-life project is priceless as it brings to life the lessons that we learn in the classroom.

The exposure has given us a good understanding of the industry as well as employer expectations and requirements.

"My aspiration is to become a professional engineer and to establish my own engineering firm.

"This experience has also given me a business perspective on how things are run

in leading organisations," says Tan.

Theoretical and practical programmes

INTI offers the Diploma in Mechanical Engineering and Bachelor of Engineering (Hons) in Mechanical Engineering.

The diploma programme helps students develop broad-based mechanical engineering skills coupled with automotive product knowledge – both theoretical and practical.

The degree programme prepares students for careers in energy transfer and analysis, machine and electro-mechanical design, manufacturing and production, ergonomics and man-machine symbiosis, environmental design and analysis as well as in new technologies such as robotics and numerical control machining.

Excellent facilities

INTI has more than 33 well-equipped engineering laboratories and workshops that provide hands-on learning opportunities to master skills in computer numerical control machining, rapid prototyping and other areas of technology.

Students also develop business, interpersonal and managerial skills to progress quickly into positions in the mechanical or automotive industries upon graduation.

Other areas of engineering studies at INTI include civil engineering, electrical and electronic engineering and quantity surveying.

■ For more information on INTI's engineering programmes call 03-5623 2800 or visit www.newinti.edu.my