OVERVIEW

- **What's new**
- Revisit programs introduced in 2013
  - Global science and technology program
  - IT (mobile and apps development)
  - Architectural technology
  - Engineering science
- Centre for Advanced Design and Engineering Training (CADET)

WHAT'S NEW

- New Faculty name
  - Formerly: Faculty of Science and Technology
  - Now: Faculty of Science, Engineering and Built Environment
- New staff/team changes
  - Manager Marketing and Development Group
  - Marketing Publications Officer

GLOBAL SCIENCE AND TECHNOLOGY PROGRAM

- New in 2013
- Aims to recognise, reward and support high achieving students to realise their dream of international study
- Benefits of participation in the program include...
- Participants
  - are enrolled in an undergraduate degree within the Faculty of SEBE
  - undertake 1 or 2 trimesters of study at a foreign institution
  - are offered a $3000 scholarship to assist with travel costs
  - are required to participate in the Deakin Global Citizen Program

"As a result of travelling and gaining knowledge and experience, I have developed my skills in networking and of an interpersonal nature. Without a doubt my journey was a life changing experience!"

Paul Erskine
Bachelor of Engineering / Bachelor of Science

"My experiences abroad have confirmed my desire for an international career that will always involve opportunities to live overseas."

Bachelor of Science
Sweden and China
GLOBAL SCIENCE AND TECHNOLOGY PROGRAM

- Entry requirements = minimum ATAR of 80.00
- Applying is a two-stage process
  1. VTAC – global science and technology program
  2. GSTP Supplementary Information Form

deakin.edu.au/sebe/global

IT (MOBILE AND APPS DEVELOPMENT)

- New in 2013
- Prepares students to thrive in this exciting and fast growing field
- Provides foundation training in key IT skills as well as specialised skills in mobile apps design and development
- Caters for modern mobile platforms: Android & iOS
- Focus on hands-on individual and group project work

ARCHITECTURAL TECHNOLOGY

- New in 2013
- Unique offering between Deakin and the Gordon
- Provides a connection between traditional architecture (design) with project management (outcomes)
- Highly specialised course leading to professional qualification as an architectural technologist

Fiona Morrison, Manager - Marketing and Development (fiona.morrison@deakin.edu.au)
Graduates will have the capacity to be involved in commercial, industrial and domestic projects covering the full scope of construction.

Highly regarded profession in the construction industry.

Growing opportunities in Australia, with established opportunities internationally.

Offered over 3 years full-time study in Geelong.

New in 2013.

Brings together studies in engineering, physiology, exercise and sport science leading to technology-focused professionals capable of creating engineering solutions to challenges in the sports and medical fields.

Consists of a common first year before students choose to specialise in either sports technology (electrical or mechanical majors) or medical technology.

Careers in sports technology:
- Developing instruments to measure and monitor sport performance
- Developing materials to enhance the performance of sporting apparel and equipment

Careers in medical technology:
- Designing and maintaining medical devices and instrumentation
- Designing prosthetics
- Occupational health and safety

Offered over 3 years full-time study in Geelong.

CADET Centre for Advanced Design and Engineering Training

“Australia has a critical shortage of engineers to cope with the demand for major infrastructure and technology projects and this centre will go some way to addressing that skills shortage in the Australian economy.”

“This project is a great example of secondary, vocational and tertiary education working together to design programs that will be applicable for all sectors and building the skills base to address a need in the community.”

“Through this centre we hope to build aspiration for careers in engineering particularly amongst young women who are currently under-represented in the profession.”

- Professor Jane den Hollander

CADET Centre for Advanced Design and Engineering Training

A state-of-the-art engineering facility approved for funding under the federal government’s Regional Priorities Round of the Education Investment Fund (EIF).

Represents $55 million investment
- EIF funding provides $21.5 million with Deakin contributing the remainder.
- Great news for Deakin, Geelong and the broader south-west region.
CADET will:
- offer programs for young people right from Year 8 through to PhD level
- be a vital resource for secondary school science and maths programs
- ease articulation pathways between high school, VET and higher education
- emphasise product design and development through virtual and physical modelling, simulation and prototyping
- increase the awareness and attractiveness of engineering as an education and career option, particularly for women and regional schools
- be an extension of the current engineering precinct at the Deakin Waurn Ponds Campus

In developing the concept for CADET, Deakin drew on new and emerging insights from Asia, Europe and the United States

To ensure that our programs hit the mark, we have been working closely with secondary schools in the Geelong area to design the educational program for CADET.

THE YEAR AHEAD
- School visit requests
  - Generic ‘whole of faculty’ presentations
  - Targeted study area talks
- Faculty initiatives
  - ‘Seminars for Schools’ program
  - On campus workshops

THANK YOU...