Collaborative and Sustainable Surveying Education in South Australia

Presentation By Michael NIETSCHEK
Chairman Surveyors Board of South Australia

Co Authors David BRUCE, Paul CORCORAN, and Scott ALLEN
Outcome of collaboration between industry and University of South Australia is the continuation of surveying education in South Australia that produces a local surveying workforce that has a global outlook on surveying and geospatial business.
Master of Surveying IMSY

Overview

Aim
Entry requirements
Content and structure
Chart 5.9: South Australia
Licensed and Practising Surveyors (1.5% Productivity Growth)

- Labour Demand (LHS)
- Labour Supply (LHS)
- Workforce Gap (RHS)

Source: BIS Shrapnel, ABS
THE PATHWAYS FOR A CAREER IN SURVEYING

TECHNICAL PATHWAY 2015

Survey Assistant
GIS Assistant
CAD Draftsperson

Certificate III in Surveying & SIS
6 months full time
OR
Certificate IV in Surveying
6 months full time

Diploma of Surveying
12 months full time

PROFESSIONAL PATHWAY 2015

Graduate (GIS)

Graduate Surveyor

Master of Surveying*
2 years full time

Licensed Surveyor

Professional Training Agreement with the Employer and the Surveyors Board of SA
2 years in full time employment

* Option to exit with Graduate Diploma at the end of Year 1
The Funding Agreement between the Surveyors Board and UniSA identified the following 4 specific objectives:

1. Ensure the presence of a permanent UniSA lecturer with significant expertise in land surveying
2. Hire of sessional staff from the surveying industry to assist with the delivery of the degree
3. Renew and/or purchase surveying equipment
4. Develop promotional material for the marketing of the degree
Proposed research:

• Comparison of existing surveying university degree programs

• Holistic review of the registration/licensing assessment process and timeframes to become a licensed surveyor