

## **CASE STUDY: Science and Technology, Deakin University**

### **Description**

The Science & Technology Industry-based Learning Program is a 3 - 12 month long elective available to students at Deakin University and features a number of career development learning elements scaffolded around full or part time work in industry.

These commence with utilisation of resume development services provided by Deakin University Careers and Employment to support application for IBL opportunities.

A residential program prior to final application for the workplace experience follows. Students are exposed to an inventory of career management tools such as MBTI/personality type inventories, analysis of fit to occupations, presentation skills for interviews as well as overall preparation for the business environment.

Prior to commencement of their workplace learning experience students write career goal statements and undertake a skills analysis. They develop this with their industry supervisor through a series of performance appraisals and an attempt is made to provide opportunities to address areas where skill development is indicated.

Students upload a monthly diary of activities on to the subject webct site, and a mid placement evaluation with their work place supervisor is preceded by a student self assessment of progress against goals. Following this goals for the remainder of the placement are revised.

### **Career Development Learning Elements**

At the end of the placement the workplace supervisor reports on how each student responded to mid program feedback. Students write a report on the project and their learning outcomes, achievement of goals, and the impact of the placement on their future career and career goals. Formal career development learning concludes with a presentation on the experience to their peers drawing upon their subject portfolio.

### **Critical Success Factors**

The program gives industry access to high calibre students and the university the opportunity to showcase and reward quality students, who are supported in the program by tax - free scholarships.

It supports the core aims of the Faculty of Science & Technology at Deakin to produce high calibre graduates who are employable and have a broad understanding of the career opportunities available to them in their chosen field.

Partnerships developed through the program have made it accessible to all high achieving Deakin students who meet the requirements.