

Host school and trainer details:

Mr Malcolm Dawe

Prince Alfred College
 23 Dequetteville Terrace
 Kent Town, 5071
 Ph: (08) 83341200



PROGRAM NAME: Civil and Environmental Engineering
EASC Code: C-4

NATIONAL QUALIFICATION: DIPLOMA OF CIVIL ENGINEERING (COMPETENCIES ONLY)
CODES: -

Program Description:

Working in conjunction with TAFESA, students participating in this program will develop a range of skills in relation to drawing, CAD, computer use, civil construction and understanding environmental issues. Students will be involved in 2 days per term of industry placement.

Pathway:

There are many genuine opportunities for careers in Civil and Environmental Engineering. Students successfully undertaking this training may gain credit toward a TAFE Diploma program. There may also be opportunities for girls & indigenous students to apply for scholarships at the completion of their course. Completion of the Civil Engineering units will count as competencies toward the Diploma of Civil Engineering in Design or Drafting. Students are then able to continue study in this Diploma program and move into a diverse range of careers in this Engineering field. These include: Engineering within the environment (town planning, road, rail, communication, water distribution, dams, mining, quarrying, industrial centres) Consulting engineers, Environmental engineers, Surveyors, Surveyor Assistants, Design Drafter, Detail Drafter. Engineers work in manufacturing, government departments, local government, engineering consultancies, drafting and design offices and large, medium and small privately held enterprises

Potential SACE Units: 4**Semester(s):** Full year**Week(s):** 36**Training Day(s):** Thursday**Daily Training Time(s):**

9.00am–3.30pm

Special Requirements:

Students with math and attention to detail skills are encouraged to apply.

Program Cost (including GST) per student: \$1320.00**Additional Program Costs:**

Nil

Training location: Prince Alfred College, 23 Dequetteville Terrace, Kent Town, SA 5067.**Work Placement Requirements & Other Specific Information.**

Workplace learning is integrated within the units of competence.

Minimum Class Size: 15**Maximum Class Size:** 20**Program Content:**

Code	Name	Nominal Hours	Potential SACE units.
EDX 060	Prepare Engineering Drawings to AS 1100	40	4
EDX 080	Select Fabrication Process	30	
EDC 020	Demonstrate Knowledge of Civil Construction Process	40	
EDX 110	Use Basic Features of CAD	60	
EDX 150	Use Standard Computer Applications (online)	40	
EDX 020	Demonstrate Awareness of Environmental Issues (online)	20	

Each school has its own arrangement around the provision of VET. Please contact your school's VET coordinator for further information.