

# DIESC Capabilities

## Vocational Skills Education and Training

Through TAFE SA, South Metropolitan TAFE and RMIT, DIESC delivers Vocational Skills, Education and Training for marine defence skills.

**TAFE SA** provides training to the defence sector from the following areas:

### **Pre-vocational and School Delivery**

- Certificate II in Engineering
- Certificate II in Engineering – Production Technology
- Certificate II Electrotechnology
- Certificate II Construction Pathways (Painting and Decorating)
- Certificate II in Electronics
- Certificate II Information, Digital Media and Technology

### **Apprenticeship and Trainee Programs**

- Certificate III in Engineering – Mechanical Trade
- Certificate III in Engineering – Fabrication Trade
- Certificate III in Air-conditioning and Refrigeration
- Certificate III in Electrotechnology – Electrician
- Certificate III in Gas Fitting
- Certificate III in Plumbing
- Certificate III in Instrumentation and Control
- Certificate III in Electronics and Communications
- Certificate III in Painting and Decorating
- Certificate III Information, Digital Media and Technology

### **Certificates IV, Diploma and Advanced Diploma**

- Certificate IV in Engineering
- Certificate IV in Plumbing and Services
- Certificate IV Electrical – Instrumentation
- Certificate IV Instrumentation and Control
- Certificate IV in Electronics and Communications
- Certificate IV Air-conditioning and Refrigeration Servicing

- Certificate IV in Information Technology
- Certificate IV in Information Technology Networking
- Certificate IV in Programming
- Certificate IV Digital Media Technologies

- Certificate IV Work, Health and Safety
- Certificate IV Project Management Practice
- Certificate IV Leadership and Management
- Certificate IV in Purchasing
- Diploma of Engineering – Advanced Trade
- Diploma of Engineering – Technical (Mechanical)
- Diploma of Air-conditioning and Refrigeration Engineering

Diploma Electrical Engineering  
Diploma Information Technology Networking  
Diploma Software Development  
Diploma Digital Media Technologies  
Diploma Leadership and Management  
Diploma Human Resources Management  
Diploma Project Management  
Diploma Work, Health and Safety  
Diploma Purchasing  
Advanced Diploma Engineering Technology – Electrical  
Advanced Diploma Electrical – Engineering  
Advanced Diploma Electronics and Communications Engineering  
Advanced Diploma Screen and Media (Specialising in Game Art)  
Advanced Diploma Network Security ICT  
Advanced Diploma Leadership and Management  
Advanced Diploma Management (Human Resources)

## **RMIT**

### **General Management**

Cert IV to Advanced Diploma in Marketing  
Cert IV to Advanced Diploma in Supply Chain and Logistics  
Cert IV to Advanced Diploma in Business Administration  
Cert IV to Diploma in Workplace Health and Safety  
Cert IV to Advanced Diploma in Supervisor and People Management  
Cert IV to Diploma in Property and Asset Management  
Cert IV to Diploma in Administration Services

### **Technical**

Cert IV to Advanced Diploma in Design  
Cert IV to Advanced Diploma in Project Management  
Specialist courses (Initial to Advanced) in Computer Aided Drafting (CAD)  
Specialist courses (Levels 1 to 4) in Program Control  
Advanced Diploma in Avionics  
Cert IV to Advanced Diploma in Communications

### **Structure**

Advanced Diploma and Associate Degree in Engineering  
RMIT's School of Vocational Engineering, Health and Sciences is the only vocational school in Australia to have Engineers Australia accreditation in both the Advanced Diploma and Associate Degree.

### **Outfitting**

Cert II to Cert IV in Refrigeration and Air-conditioning  
Cert III to Cert IV in Instrumentation  
Cert II to Cert IV in Electrical  
Cert III in Carpentry  
Cert II to Cert IV in Plumbing

**South Metropolitan TAFE** provides training to the defence sector in the following areas:

**Engineering:**

Engineering Certificate II  
Engineering – Composites Trade Certificate III  
Engineering – Technical Certificate III  
Engineering (Maintenance) Certificate IV  
Engineering – Advanced Trade Diploma  
Electronic and Communications Engineering Diploma  
Engineering Advanced Diploma  
Engineering Technology Electrical Advanced Diploma

**Warehousing and Logistics:**

Logistics Certificate II  
Logistics Diploma  
Warehousing Operations Certificate II  
Warehousing Operations Certificate III  
Warehousing Operations Certificate IV

**Maritime Studies**

Marine Craft Construction Certificate III (Apprenticeship)  
Maritime Operations (Watchkeeper Deck) Diploma  
Maritime Operations (Marine Engineering Class 1) Advanced Diploma  
Maritime Operations (Marine Engineering Class 2) Advanced Diploma  
Maritime Operations (Master Unlimited) Advanced Diploma

**Ship Building**

Engineering – Composites Trade Certificate III (Apprenticeship)  
Marine Craft Construction Certificate III (Apprenticeship)

**Submarine Maintenance**

Electronics and Communications Certificate IV  
Electronics and Communications Engineering Diploma  
Engineering Advanced Diploma  
Engineering Certificate II  
Engineering (Maintenance) Certificate IV  
Engineering (Mechanical Trade) Certificate III  
Engineering – Composites Trade Certificate III  
Engineering – Mechanical Trade (Plant Mechanic ZG/Z) Certificate III  
Engineering – Mechanical Trade (Refrigeration/Air Conditioning) Certificate III  
Engineering – Technical Diploma  
Engineering (Heavy Fabrication Pre-Apprenticeship) Certificate II  
Engineering (Mechanical Fitter and Machinist Pre-Apprenticeship) Certificate II  
Engineering (Mechanical Refrigeration and Air Conditioning Pre-Apprenticeship) Certificate II  
Engineering Fabrication Trade Certificate III  
Engineering Production Systems Certificate III  
Engineering Technology – Electrical Advanced Diploma  
Engineering – Advanced Trade Diploma  
Marine Craft Construction Certificate III

## **Trades**

Electronics and Communications Certificate IV

Electronics and Communications Engineering Diploma

Engineering Certificate II

Engineering – Mechanical Trade (Plant Mechanic ZG/Z) Certificate III

Engineering – Mechanical Trade (Mechanical Fitter ZA) Certificate III

Engineering – Mechanical Trade (Refrigeration/Air Conditioning) Certificate III

Engineering (Heavy Fabrication Pre-Apprenticeship) Certificate II

Engineering (Mechanical Fitter and Machinist Pre-Apprenticeship) Certificate II

Engineering (Mechanical – Plant Mechanic) Pre-Apprenticeship Certificate II

Engineering Fabrication Trade Certificate III

Engineering Production Systems Certificate III

Engineering Production Technology Certificate II

Engineering Technology – Electrical Advanced Diploma

Additionally, SM TAFE provides Pre- Apprenticeships and Welder Qualification Courses to meet industry codes in the following areas: Welder Qualification, Certificate IV in Engineering (Welding), Certificate II in Engineering (Heavy Fabrication) Pre-Apprenticeship and Certificate II in Engineering (Mechanical Fitter and Machinist) Pre-Apprenticeship