

Hello Maritime Community

I am pleased to inform you that TAFE NSW are offering the Limited Compass Adjuster Skill Set from Newcastle Campus.

- We are commencing delivery of the Limited Compass Adjuster Course on Monday the 13th of February 2023.
- We will be offering the majority of the course as blended delivery (classroom - Newcastle Campus C1.6 or via MS Teams).
- The course is designed for full face to face attendance (either virtually or on campus), however lessons will be recorded and available to the enrolled students through MS Teams.
- The course concludes with a final mandatory 3 days at Newcastle Campus and out on Newcastle Harbour for the practical Compass Swings (multiple magnetic Compasses on the William the Fourth).

This short course will give you the skills to take your maritime career to the next level as a limited compass adjuster. Learn how to adjust magnetic compasses on vessels less than 45 metres and gain the experience you need for AMSA licensing.

[Enrol Now for Limited Compass Adjuster Skill Set from Newcastle Campus](#)

Delivery Dates:

| Day | Date | | Delivery method |
|--------|------------|-------------|-------------------------------|
| Monday | 13/02/2023 | 09:00-16:00 | Blended Delivery |
| Monday | 20/02/2023 | 09:00-16:00 | Blended Delivery |
| Monday | 27/02/2023 | 09:00-16:00 | Blended Delivery |
| Monday | 06/03/2023 | 09:00-16:00 | Blended Delivery |
| Monday | 13/03/2023 | 09:00-16:00 | Blended Delivery |
| Monday | 20/03/2023 | 09:00-16:00 | Blended Delivery |
| Monday | 27/03/2023 | 09:00-16:00 | Blended Delivery |
| Monday | 03/04/2023 | 09:00-16:00 | Blended Delivery |
| | | | Easter Holidays and ANZAC Day |
| | | | Easter Holidays and ANZAC Day |
| | | | Easter Holidays and ANZAC Day |
| Monday | 01/05/2023 | 09:00-16:00 | Blended Delivery |
| Monday | 08/05/2023 | 09:00-16:00 | Blended Delivery |

| | | | |
|-----------|------------|-------------|--|
| Monday | 15/05/2023 | 08:00-17:00 | Mandatory Attendance at Newcastle Campus |
| Tuesday | 16/05/2023 | 08:00-17:00 | Mandatory Attendance at Newcastle Campus |
| Wednesday | 17/05/2023 | 08:00-17:00 | Mandatory Attendance at Newcastle Campus |

To be successful in this course you will need a good level of maths skills (equivalent to Year 12 – 2 units) and familiarity with your scientific Calculator.

Each week you will need to apply yourself to work through the calculations and do the pre-reading for the following week's delivery.

Through a mixture of theory and practical course work, you will learn to:

- Explain principles of magnets, magnetism, magnetic fields, terrestrial magnetism, ship's magnetism, magnetic compass design and magnetic compass construction
- Prepare for work by removing or securing movable magnetic materials in the locality of the compass in accordance with workplace procedures
- Physically inspect a compass and binnacle in accordance with manufacturer's specifications and workplace procedures using the appropriate tools, equipment and techniques
- Analyse records in the ship's compass deviation book to determine if any changes have been made to correctors and determine the recent performance of the compass in accordance with workplace procedures
- Determine compass deviations due to coefficients as appropriate and adjust the compass using procedures outlined
- Complete documentation and record the position of correctors and residual coefficients in accordance with workplace procedures

Regards

Carmen Blanco

Master Mariner, MNI

Head Teacher, Maritime, Newcastle, NSW, Australia

TAFE NSW

M 0428 993 184

E carmen.blanco@tafensw.edu.au

E maritimeoperationsnewcastle@tafensw.edu.au

Newcastle Block C, Room 1.8, 266 Maitland Road, Tighes Hill NSW 2297

