



UNSW  
CANBERRA

# Foundation Mission Engineering Learning Pathway



\$2,090

[Mission Engineering Primer | UNSW Canberra](#)



**Mission Engineering Primer  
Professional Education Short Course  
2 Days**

Join like-minded professionals for two days immersed in the core concepts of mission engineering, facilitated by academic and industry specialists in an engaging and interactive format

Complete micro-credential \$4,390

Upgrade from MEP \$2,300

[Mission Engineering Primer | UNSW Canberra](#)



**Level 1: Fundamentals of Mission Engineering (Micro Credential)  
8 Weeks**

Earn 2 units of credit by completing 50 hours of learning over 8 weeks:

- 2-day Mission Engineering Primer short course in week 1
- Weekly 1hour tutorials with academic and industry specialists
- 2 assignments, intended to take 5hrs each to complete

Price by Quote

[shortcourses.cbr@unsw.edu.au](mailto:shortcourses.cbr@unsw.edu.au)



**Apply Mission Engineering Concepts Workshop  
1 Day**

Engage your mission engineering teams in a facilitated team building workshop using your domain specific case study

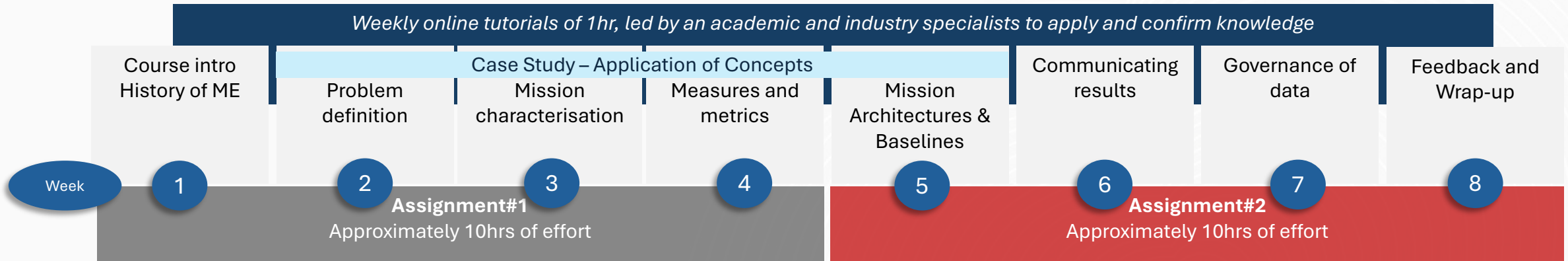
*This option is available to group bookings*



# Micro Credential

## Mission Engineering Level 1: Fundamentals of Mission Engineering

Learn about the core concepts of mission engineering, including its roots in system engineering and modelling practices, in order to distil and construct a mission thread



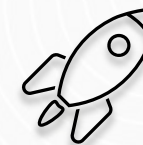
**Two days face-to-face delivery (Hybrid)  
Conducted in week 1**

Day 1	Day 2
<ul style="list-style-type: none"> <li>Attributes of problems suited to ME</li> <li>Mission Engineering Process</li> <li>Background System Engineering</li> </ul>	<ul style="list-style-type: none"> <li>Background Modelling and Simulation</li> <li>Mission Engineering Process in detail</li> </ul>



### Independent Study

Learners are expected to carry out 29hrs of reading and assignments outside of face-to-face delivery



### Course Customisations

Organisation with a group booking can select their own case studies and scenarios for assignments to align with their unique needs



### Post Graduate Credit

Successful participants are awarded 2 x UoC to apply against an existing UNSW postgraduate program



# Professional Short Course

## Mission Engineering Primer

*Common 2 days with micro credential*

Two days face-to-face delivery (Hybrid)	
Day 1	Day 2
<ul style="list-style-type: none"> <li>Attributes of problems suited to ME</li> <li>Mission Engineering Process</li> <li>Background System Engineering</li> </ul>	<ul style="list-style-type: none"> <li>Background Modelling and Simulation</li> <li>Mission Engineering Process in detail</li> </ul>

Describe essential mission engineering and system architecture concepts, key terms and language

Explain systems engineering and modelling concepts and how they relate and apply to mission engineering

## One day facilitated workshop

*Optional for business clients*

Demonstrate an ability to distil and construct a mission architecture and subordinate mission engineering thread from a single-domain problem statement.

