



## Aerospace Specialist

<b>STARFLEET MACO</b>		
<b>Additional Specialty Training</b>	<b>Aerospace Specialist</b>	
	<b>Date Completed:</b>	<b>Team Leader Signature:</b>
<b>Required Training:</b>		
<b>MACO Trainee (Grade 2)</b>		
<b><u>STARFLEET ACADEMY</u></b>		
<b><u>Institute of Space Studies</u></b>		
<b><u>College of Orbital Mechanics</u></b>		
COOM 101 – The Laws of Motion Regarding Orbits		
COOM 102 – Obtaining an Orbit		
COOM 103 – Types of Orbits, Part 1		
COOM 104 – Types of Orbits, Part 2		
COOM 105 – Trajectories		
COOM 106 – Orbital Parameters and Elements, Part 1		
COOM 107 – Orbital Parameters and Elements, Part 2		
COOM 108 – Orbital Parameters and Elements, Part 3		
COOM 109 – Orbital Rendezvous		
<b><u>College of Space Equipment</u></b>		
<b><u>School of Escape Pods</u></b>		
EPS 101 – Escape Pod Users Guide		
EPS 102 – Planetary Survival		
EPS 103 – Escape Pod Identification		
EPS 201.1 – Escape Pod Tech I		
EPS 201.2 – Escape Pod Tech II		
EPS 201.3 – Escape Pod Tech III		
<b><u>School of Space Suits and Equipment</u></b>		
SSE 101 – Space Suits Overview		
SSE 102 – EVA Suits		
SSE 103 – Space Suits Requirements		
SSE 104 – Space Suits Design		
SSE 105 – Space Suit Identification		
SSE 106 – Life Support Considerations		
SSE 107 – Space Tools		

SSE 108a – 21st Century US Space Suits, Part 1		
SSE 108b – 21st Century US Space Suits, Part 2		
SSE 201 - 22nd & 23rd Century Space Suits (Trek)		
SSE 202 - Space Emergency Primer (Trek)		
SSE 203 - Space Emergency Technician Certification (Trek)		
SSE 204 - Space Emergency Equipment (Trek)		
<b>College of Rocketry and Propulsion</b>		
COR 114 – Systems and Instruments, Part 1		
COR 115 – Systems and Instruments, Part 2		
COR 116 – Systems and Instruments, Part 3		
COR 117 – Interplanetary Spacecraft		
<b>School of Propulsion</b>		
SOPR 101 – Introduction to Propulsion		
SOPR 102 – Monopropellant Rockets, Part 1		
SOPR 103 – Monopropellant Rockets, Part 2		
SOPR 103 – Ion Drives		
SOPR 104a – Hall Effect, Part 1		
SOPR 104b – Hall Effect, Part 2		
SOPR 105a – Propulsion & Escape Velocity, Part 1		
SOPR 105b – Propulsion & Escape Velocity, Part 2		
SOPR 105c – Propulsion & Escape Velocity, Part 3		
SOPR 106a – Rocket Engines, Part 1		
SOPR 106b – Rocket Engines, Part 2		
SOPR 107 – Launce Assist Mechanisms		
SOPR 108 – Hypothetical Methods		
SOPR 109a – Propulsion in Fiction, Part 1		
SOPR 109b – Propulsion in Fiction, Part 2		
SOPR 109c – Propulsion in Fiction, Part 3		
SOPR 109d – Propulsion in Fiction, Part 4		

**Your Team Leader must sign off on the application before it can be submitted to the Chief Certification Officer. Return application to [certs.maco@sfi.org](mailto:certs.maco@sfi.org).**