



Astronaut Training Officer



Astronaut Team Description:

The astronaut team is responsible for selecting, training, and preparing the crew members for the Asclepios VII mission. We carefully evaluate not only the candidates' technical skills—such as piloting, engineering, and scientific expertise—but also their physical fitness, psychological resilience, and ability to work effectively in extreme, high-stress environments. Teamwork, adaptability, and strong communication skills are just as important as technical know-how for ensuring mission success and crew cohesion.

If you're passionate about space exploration and want to play a key role in choosing and training the next generation of astronauts, this is the team for you! You'll gain hands-on experience in astronaut selection, participate in physical and psychological assessments, and contribute to mission simulations. If you've ever wanted to combine human factors with space operations in a STEM-driven environment, this is your chance to be part of an elite team shaping the future of space missions!

Astronaut Training Officer Description:

As an astronaut training officer, you will design and implement comprehensive training programs tailored to the physical, technical and psychological needs of the selected astronauts. You will also coordinate with the astronaut team heads and other the heads / VP's of other teams in the organisation to ensure the training aligns with mission goals and requirements. Applicants must have strong communication skills and demonstrate initiative in order to thrive in this role.

Key information for role:

- **Approximate start date** - 01/10/2025
- **Average hours required per week** - 4-8 hours (may increase towards April 2026)
- **Tasks and Responsibilities:**
 - Work with the heads of the astronaut team to develop a comprehensive training regiment for the astronauts.

- Organize and conduct training simulations, including emergency scenarios, extravehicular activities (EVA), and team-building exercises.
- Monitor and assess the progress of trainees, providing continuous feedback to optimize performance and address weaknesses.
- Collaborate with external experts and institutions to deliver specialized training (e.g., medical, engineering, or spaceflight operations).
- Ensure the physical and psychological well-being of the trainees throughout the training period, making adjustments as needed.
- Suggest improvements for future training cycles based on feedback and performance metrics from previous missions.

- **Essential Requirements for Role:**

- Strong communication skills: Ability to clearly convey complex information and instructions to trainees and coordinate effectively with other teams.
- Leadership and teamwork: Capable of leading training sessions and fostering team cohesion, while also collaborating seamlessly with various mission departments.
- Problem-solving and adaptability: Able to quickly adjust training protocols and respond to unexpected challenges during training scenarios.
- Knowledge of space operations: Familiarity with the technical, physical, and psychological demands of space missions, including EVA procedures, life support systems, and emergency protocols.
- Assessment and evaluation: Skilled in monitoring, evaluating, and providing constructive feedback on trainee performance.
- Attention to detail: Thorough in planning and executing training programs, ensuring all mission-critical skills are covered.
- Physical fitness and mental resilience: Capable of participating in or demonstrating certain physical aspects of astronaut training and maintaining composure in high-pressure environments.
- Project management: Ability to organize and manage various aspects of training, including timelines, resources, and personnel.

- **Desirable traits for role**

- Experience in space-related fields: Previous experience in astronaut training, aerospace, or space mission preparation would be a strong advantage.
- Technical expertise: Advanced knowledge of spacecraft systems, robotics, or space mission protocols, which could enhance the technical aspects of the training.
- Medical or psychological background: Understanding of space medicine, mental health, or psychological resilience training would be beneficial for preparing astronauts for the unique stresses of space travel.

- Experience with simulation technologies: Familiarity with virtual reality (VR), augmented reality (AR), or other advanced simulation tools used in astronaut training.
- Cross-cultural communication: Ability to work effectively with an international and diverse group of trainees and professionals.
- Crisis management: Experience in high-pressure environments such as the military, aviation, or emergency services, which could contribute to preparing astronauts for crisis situations.
- Multilingual abilities: Knowledge of additional languages to communicate with international partners and participants.

Inclusivity Statement

Don't meet all the requirements? That's okay, one thing all applicants that are chosen show in common is their passion for Asclepios and their passion for the mission. Feel free to apply for any role you think you will enjoy. At Asclepios, we have a very welcoming environment and ensure no one is left behind. We are one big international family!