

Expedition Mars Crew Application



Please review all the available positions and list your top three choices.

1st Choice _____

2nd Choice _____

3rd Choice _____

Personal Data

Last Name _____

First Name _____

Middle Initial _____



Why do you want this position?



What experiences and skills make you the best candidate for this position?

List any interests, hobbies or personal achievements.

List memberships in any organizations or civic clubs.
(Girl Scouts, Boy Scouts, Sports Teams, etc)

Expedition Mars Crew Postings



TEAM: Life Support (LS)
TITLE: Life Support Specialist

DESCRIPTION: The ideal applicant will be able to make quick decisions based off their findings in lab materials, with a special interest in crew safety.

POSSIBLE DUTIES INCLUDE:
Study and analyze humidity, temperature and air pressure in order to keep the Spacecraft crew safe.



TEAM: Communications (COM)
TITLE: Audio Engineer

DESCRIPTION: The ideal Audio Engineer will communicate effectively between Mission Control and the Spacecraft.

POSSIBLE DUTIES INCLUDE:
Send and receive messages from Mission Control and the Spacecraft. Ensure that your entire team is communicating effectively with one another, and monitoring managing any emergencies that might arise.



TEAM: Robot (BOT)
TITLE: Mechanical Engineer

DESCRIPTION: The ideal Mechanical Engineer will be comfortable with robotics. He or she will program a robot and test the limits of a robotic arm.

POSSIBLE DUTIES INCLUDE:
Execute basic robotic programming and use robotic arm data to select future research plans.



TEAM: Rover (ROV)
TITLE: Aerospace Engineer

DESCRIPTION: The ideal Aerospace Engineer will design, assemble and launch a functional remotely operated vehicle.

POSSIBLE DUTIES INCLUDE:
Calculate risks, needed power supply and physics associated with the rover, and gather the necessary data to ensure all calculations are up to specifications.

Expedition Mars Crew Postings



TEAM: Geology (GEO)

TITLE: Geologist

DESCRIPTION: The ideal Geologist will be interested in searching under the soil of Mars for evidence of water.

POSSIBLE DUTIES INCLUDE:

Utilize a robotic excavator to dig under the soil of Mars, determine the origin of rocks.



TEAM: Medical (MED)

TITLE: Doctor

DESCRIPTION: The ideal Doctor will monitor the health of the crew with a focus on general health and radiation. He or she will utilize different science skills to ensure the crew maintains healthy vital signs.

POSSIBLE DUTIES INCLUDE:

Test crew members' blood pressure, heart rate and radiation levels to ensure healthy crew status.



TEAM: Weather

TITLE: Astronomer/Meteorologist

DESCRIPTION: The ideal Astronomer/Meteorologist will be good at tracking objects in space, recognizing anomalies and have a strong understanding of the weather on Mars.

POSSIBLE DUTIES INCLUDE:

Track missing satellites, monitor the weather on Mars for dangerous storms.



TEAM: Navigation (NAV)

TITLE: Navigator

DESCRIPTION: The ideal Navigator needs to have strong communication skills and be excellent at following directions.

POSSIBLE DUTIES INCLUDE:

Plot Spacecraft courses to the surface of Mars, use the Spacecraft throttle to control the Spacecraft.

Expedition Mars Crew Postings



TEAM: Biology (BIO)

TITLE: Biologist

DESCRIPTION: The ideal Biologist will have a passion for searching for evidence of life on Mars and enjoy doing chemistry.

POSSIBLE DUTIES INCLUDE:

Use chemicals to test soil for organic life,
eliminate harmful bacteria from the Spacecraft.