



- works on the research, design process, development, construction, testing, science and technology of spacecraft space vehicles, space stations, satellites, life support systems, control panels and other equipment.



- works as part of a crew on a spacecraft to fly on missions for specific purposes.



- uses both ground based and space-based equipment to make observations and collect data about space.



- uses knowledge of physics and mathematics to explain why the universe behaves as it does.

- writes computational programmes to pilot vehicles in space, monitors, controls and maintains operational activity of satellites.

- coordinates science education, space exhibits, displays and programs for museums, planetariums, observatories, libraries etc

