

# **ASTRAX ACADEMY and Space Business and Space Flight Support Educational System**

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## **Abstract**

ASTRAX operates a school for space businesses and spaceflight missions called ASTRAX ACADEMY. We offer various types of educational programs, including training of commercial astronauts (Mission Commanders), training of space flight attendants (SFAs), rehearsal of space travel missions, and education of companies that support missions of space travellers and so on.

## **Overview**

ASTRAX ACADEMY is a member of the ASTRAX group, which has created many private space projects, and is in charge of the Space business education field. We teach about commercial space development and various spaceships, and how to apply them to each business. We also do lectures using Mission Support Control Center, and the Spacecraft Simulator, as well as zero-gravity flight training. ASTRAX ACADEMY is an education service where people engaging in space business can learn more detailed, latest knowledge and technologies. We also teach how to utilize the latest infrastructures such as a spaceship and start their space business. We also support to cultivate the market.

## **Course Lineup and Location**

ASTRAX ACADEMY mainly provides the following 8 courses.

- (1) Space Business Development Course
- (2) Commercial Astronaut Training Course
- (3) Space Travel Preparation Course
- (4) Space Travel Supporter Course
- (5) ASTRAX ACADEMY Instructor Course
- (6) ASTRAX Catalogue User Course
- (7) ASTRAX Lunar City Development Course
- (8) UN World Space Week Evangelist Course

As such, we continue to develop human resources to make it possible to conduct various kinds of business that is done on Earth to that is in space.

ASTRAX ACADEMY mainly conducts classes in Tokyo, Japan. In the near future, we plan to expand ASTRAX ACADEMY to locations which have plans to establish spaceport such as Hawaii, Singapore, Malaysia, Dubai, Italy and UK. Also, in the U.S., we plan to collaborate some parts of our programs with the astronaut training school "Association of Spaceflight Professionals" in Florida, Mars Habitat Facility HI-SEAS in Hawaii, astronaut training facility "Blue Abyss" and so on.

## **Space Business and Space Flight Support Educational System**

We are preparing to build an educational system that integrates the spacecraft simulator and the Mission Control Center. Once the system is complete, it will be able to provide consistent service from education, training, rehearsal, actual space flight mission support and follow-up, and provide high-quality services, human resource education, and create space business. All of these ASTRAX-integrated training systems use Apple iPads and iPhones, and these facilities are already installed in the Mission Support Control Center and spacecraft simulator.

## **Conclusion**

ASTRAX ACADEMY is expanding human resources to make it possible to start businesses for ordinary people utilizing space.

While space businesses by private companies will get increasingly popular, we support space travelers to let them enjoy their own unique space experiences comfortably. We also implement various types of services utilizing space on Earth. ASTRAX ACADEMY is seeking international business partners for collaboration opportunities.