



## *1-Day Space Camp*

Organised by Singapore Space and Technology Association(SSTA)



## What will happen during the camp?

- Exposure to a rich curriculum of space-related topics from both Scientific and Engineering fields
- Practical elements, where participants can put their classroom work to the test!
- There will also be a strong focus on team building, similar to that of which astronauts require for long mission durations!

## What can I gain from this camp?

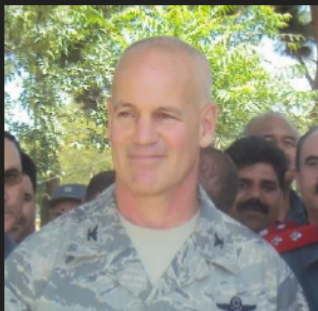
- Awareness of the space industry and it's effect on our daily lives!
- Better team-working skills
- The motivation to become a leader in tomorrow's dynamic, global playing field!

# What is SSTA?



- Founded in 2007
- Singapore's lead association focused on developing Singapore's space technology industry.
- Acts as a neutral, non-profit platform, facilitating information and communication for government, industry and academia
- Spearheads major trade and business-focused initiatives with the aim of advancing Singapore's space ecosystem
- Drives educational and outreach programmes to encourage STEM careers in the expanding aerospace/space industry.

# About the Instructor



- John Bernier has a master's degree in Space Studies, University of North Dakota and is a graduate of United States Air Force Undergraduate Pilot Training as well as the United States Air Force Weapons School.
- John was a command instructor pilot with over 4000 flying hours in the B-52 aircraft, to include over 400 combat hours and has been selected by his peers as the unit's overall instructor of the year and won the award for top safety chief in 8th Air Force as well as the best safety organization in Air Combat Command
- He is now an adjunct instructor at Embry Riddle Aeronautical University (ERAU) Asia and also director of an advanced technology development and management company in Singapore focusing on the aerospace and cyber security functional areas.

**2<sup>nd</sup> December 2017, Saturday**

# Schedule

Science Centre Singapore  
**S\$250/pax**

0845hr	: Registration @ Science Centre Singapore Entrance	1415hr	: Theory of Astronautics 2
0900hr	: Flight Suit Fitting	1445hr	: Astronautics Practical 2
0930hr	: Theory of Rocket Science	1500hr	: Theory of Parachute
1000hr	: Rocket Building	1515hr	: Parachute Building
1030hr	: Safety Briefing for Rocket Launch	1545hr	: Parachute Test
1045hr	: Rocket Launch	1600hr	: Survival on Moon Exercise
1200hr	: Lunch	1615hr	: Survival on Moon Exercise Result
1245hr	: Announcement of Rocket Launch Result	1630hr	: Award Ceremony
1315hr	: Theory of Astronautics 1	1700hr	: Dismissal
1345hr	: Astronautics Practical 1		

## Important Notice

- All student participant must be accompanied by ONE parent
- Participants (both student & parent) will be expected to change into their flight suit before the program starts, therefore please come in shorts & T-shirt
- Interested participants are to drop the following items at the "Adventure Club" box in the ACS (Junior) General office to register
  - Registration Form
  - Parent Consent Form
  - Cheque Payment