



NEWSLETTER

SBQ Fundamentals Courses Are Now Available

New Courses Now Available Online

Two new courses in the SBQ Fundamentals series are now available for immediate self-enrollment:

- **SBQ 401: Fundamentals of Orbits and Getting into Space**
- **SBQ 403: Space Communications Fundamentals**

They are delivered online, are self-paced, and include animations and interactive simulations of topics including launch, orbits, LEO, MEO, and GEO, antennas, signals, and links - all with a business perspective.

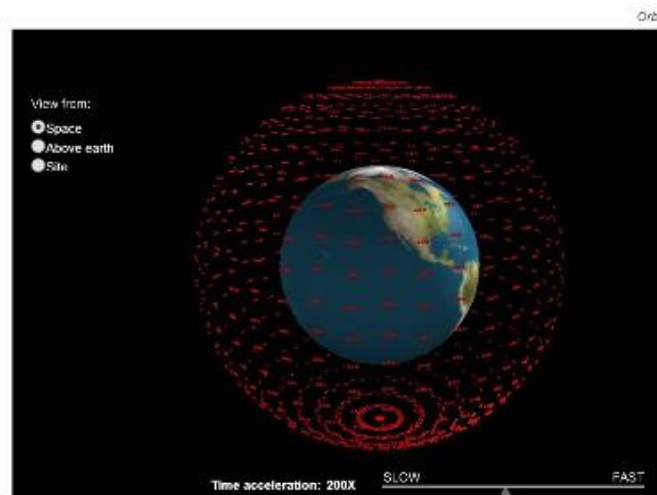
The discounted Fundamentals Certification Bundle, which includes these courses as well as upcoming courses on spacecraft and business fundamentals, can also now be ordered.

Inclination and RAAN

A LEO constellation will typically be made up of multiple orbit planes, each with many satellites.

To get full coverage of the whole planet, the planes are spaced out around the earth (each with its own RAAN). The satellites are then spaced out within each plane. In this way, the constellation covers the entire earth, and there is always at least one satellite close to any given spot on the earth, 24/7.

RAAN	177°
Inclination	-90°
Altitude	5000 km
Period	201 min (3.36 hrs)



A sample of interactive tutorial page

Free Introductory Course

Course **SBQ 400: Welcome to the Business of Space**, is free and now available. Enroll at <https://www.spacebq.org/take-course>. If you've already completed it, we invite you to return and fill in the evaluation form. We're eager to get your feedback!

About the Space Business Qualified (SBQ) program

SBQ is a set of online courses and certification, now under development, that will provide a comprehensive understanding of the business of space today and tomorrow.

Produced by organizations with over 80 years of combined experience in space & satellite, **SBQ** will offer a series of online courses, taught through a mix of self-paced, interactive tutorials, videos, illustrations, and testing to validate understanding and reinforce learning. Fundamentals courses will lead to more specialized courses in satellite communications, earth observation and spacecraft and launch.

For details, please visit spacebq.org. You're welcome to contact us at info@SpaceBQ.org and please follow SBQ at [#SpaceBQ](https://twitter.com/SpaceBQ).

SBQ Training Program

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Please note: the GVF Training program and the SBQ training program are separate programs requiring separate enrollments and fees. The SBQ courses are not included in the annual GVF Training Membership course curriculum.