

The Radio Spectrum Institute™

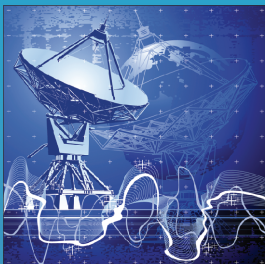
Expert spectrum management training for today's wireless landscape

Wireless is Evolving at Light Speed

From GPS to broadcasting, Wi-Fi to radar, mobile broadband to weather satellites — the uses of the radio spectrum are as broad as the imagination, and demand for wireless bandwidth is growing as fast as the technology that uses it.

Efficient management of the radio spectrum — a limited natural resource — is a vital component of meeting business goals and agency missions. Unfortunately, domestic spectrum regulation can seem byzantine and obtuse. At the international level, it's even worse.

Let the *Radio Spectrum Institute* bring clarity and practicality to the complex technical, regulatory, and policy issues that govern modern spectrum management. Our expert instructors and detailed courses provide practical *first-hand* knowledge across all facets of spectrum utilization and management.



Our Expertise is the Difference

Radio Spectrum Institute classes are taught by veteran spectrum managers and wireless industry professionals with unparalleled expertise — well over 100 years of combined experience in private industry and federal government radio spectrum management. With FCC, NTIA, DoD, cellular, microwave, satellite, radio science, and legal backgrounds, both domestic and international, our expertise fully covers your training needs.

From technology to policy, from smart phones to smart bombs, from the U.S. to the ITU, from dc to daylight — the *Radio Spectrum Institute* has you covered.

- Public training sessions are offered on a regular basis
- Course content can be customized to meet *your* company's or agency's needs
- On-site training is available
- Please see <http://www.radiospectruminstitute.com> for more information

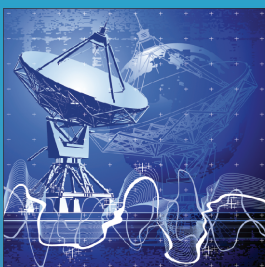
THE RADIO SPECTRUM INSTITUTE
4001 9th St N, Suite 2109
Arlington VA 22203 USA
+1-202-215-4364
+1-630-733-6216 fax
info@radiospectruminstitute.com
www.radiospectruminstitute.com

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November 16th, 2011
Arlington, Virginia

- **U.S. Military Spectrum Management** An overview of special considerations related to the management of the radio spectrum by the nation's largest user: The Department of Defense. This course is invaluable to military spectrum managers, but understanding DoD's use of the radio spectrum is also critical to modern spectrum sharing scenarios and to issues related to government relocation out of spectrum that has been reallocated from the Federal government to non-government use.
- **Satellite Coordination 101** Addresses applicable provisions in the Radio Regulations, frequency sharing considerations, link budget and interference calculations, Earth station characteristics, and antenna systems. Satellite coordination is particularly challenging because satellite signals can simultaneously impact radio spectrum use across a large fraction of the Earth's surface.
- **Topics in Modern Spectrum Management** An overview of pervasive concepts that govern modern spectrum management and a discussion of a few recent and current major spectrum management examples. This course brings together many of the principles from the previous classes, and applies them to some of the most challenging issues in today's wireless landscape.

For more information, and to register, please visit
<http://www.radiospectruminstitute.com>

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