

GVF Certification Training

Satcom Professional Certification Program

The Global VSAT Forum offers three levels of Satcom Professional certification for fixed VSAT professional installers, field technicians, and engineers.

	GVF Certification		
	Basic	Advanced	Specialist
Meets minimum satellite operator requirements for prevention of interference when activating a VSAT	✓	✓	✓
Solid knowledge and skills in general VSAT installation, maintenance, and troubleshooting		✓	✓
Eligible to be listed in the GVF public database of certified VSAT professionals		✓	✓
Solid knowledge and skills for installation, maintenance, and troubleshooting of specific equipment types			✓
Online courses required	GVF 510	GVF510 GVF520 GVF521	GVF510 GVF 520 GVF 521 GVF 503x (for each specialty)
Hands on skills test required	GVF Basic HOST	GVF Basic HOST	GVF Basic HOST. <i>Some Specialist certifications may also require additional specific hands on skills testing.</i>



Global VSAT Forum
The association of the global satellite industry.

Visit online:
www.gvf.org



SatProf, Inc.
Animated, interactive technically-accurate online training for satellite professionals.

Visit online:
www.satprof.com

GVF Certification

GVF's award-winning Satcom Certification training programs are delivered via a combination of online, interactive, simulator-driven training modules developed by SatProf, Inc. (www.satprof.com) and formal hands-on skills testing, all managed through the GVF training portal at www.gvf.org/training. Hands-on skills testing and supplementary classroom sessions are supported by GVF Instructors and Regional Training Centers located in every major region of the world.

GVF Satcom Professional Certification Paths

Objectives:

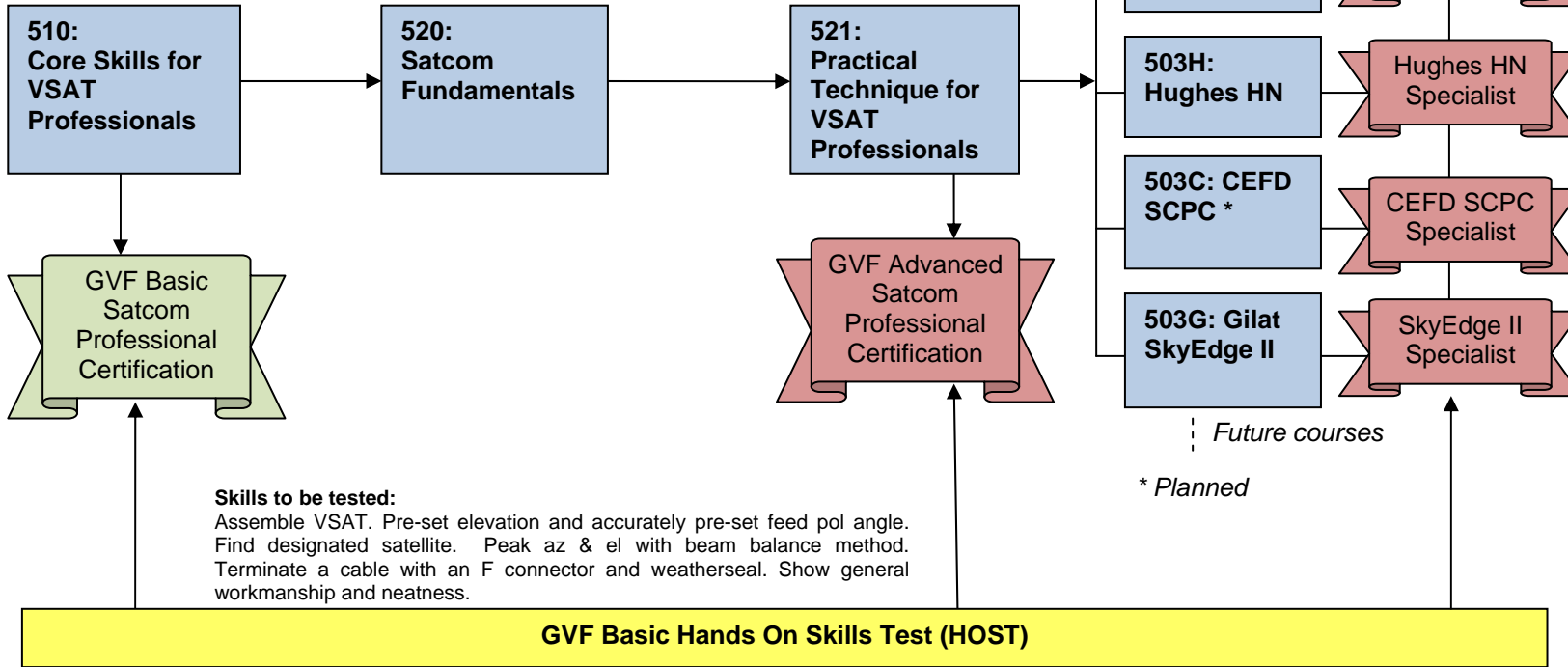
Assemble a basic VSAT; attach connector; determine az, el, & pol angles; find satellite using meter; point antenna accurately enough to prevent ASI; accurately adjust for cross-pol; decommission.

Objectives:

General understanding of orbits; transponders; footprints; waves; rain fade; TDM, TDMA, & SCPC; signals and noise; antennas; links budget concepts; linear and circular polarization; VSAT hardware overview; IP networking basics; mobile VSAT concepts; gain/loss, levels, dB, dBm, compression, C/N & Eb/No concepts.

Objectives:

Antenna mounts; links; VSAT hardware details; using a spectrum analyzer; site survey issues; connector and cable types; grounding; point-of-entry techniques; weatherproofing; safety issues; general VSAT troubleshooting.



Skills to be tested:

Assemble VSAT. Pre-set elevation and accurately pre-set feed pol angle. Find designated satellite. Peak az & el with beam balance method. Terminate a cable with an F connector and weatherseal. Show general workmanship and neatness.

Supplementary instructor-led classes

Topics, locations, dates, and fees to be determined in consultation with local instructors. May include the GVF Basic Hands On Skills Test. Example topics: Review of online courses in local language; Guided hands-on skills practice; Seminar with experts on specialized equipment; Advanced troubleshooting techniques.

Legend:



Online interactive course with simulator exercises



Certification with listing in private database only (accessible by satellite operators)



Hands-on or classroom session



Certification with listing in public and public databases (if desired)