

# ND SATCOM

## Course Details: 8010

<b>Title</b>	<b>8010 – Installation Basics (VSAT Station)</b>
<b>Level</b>	Entry / Beginners
<b>Objectives</b>	The participant will be able to: <ul style="list-style-type: none"><li>• perform the proper installation of a VSAT station,</li><li>• do the antenna pointing,</li><li>• use the necessary equipment &amp; tools.</li></ul>
<b>Contents</b>	The following topics are included: <ul style="list-style-type: none"><li>• Antenna assembling &amp; mounting (theoretical),</li><li>• Grounding &amp; lightning protection (theoretical),</li><li>• Cabling (optional),</li><li>• Mounting of ODU equipment,</li><li>• Antenna pointing (practical).</li></ul>
<b>Target Group</b>	Especially for persons new with installation tasks, who want to participate in the product specific courses (i.e. ND SatCom course for “station commissioning”).
<b>Duration</b>	1 day
<b>Prerequisites</b>	The following prerequisites are mandatory for the participant: <ul style="list-style-type: none"><li>• Basic knowledge in ‘satellite communication fundamentals (VSAT)’,</li><li>• General good English language skills.</li></ul>
<b>Environment</b>	Spectrum analyzer, antenna system with RFT & LNB.
<b>Methods</b>	Lecture, hands-on (partly outside classroom), demonstrations, practical exercises.