Downloaded from <https://www.velvetjobs.com/job-descriptions/communications-engineer>

# Example of Communications Engineer Job Description

Our growing company is hiring for a communications engineer. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for communications engineer

* Lead the production of as-built drawings post install
* Lead the transition activities between the Install team to Test and Commissioning and Maintenance
* Simulating/modeling communication systems, working with System Architects, RF engineers, Antenna Engineers, Modem/DSP, and ASIC engineers to partition functions between HW and SW domains
* Assess feasibility of various designs in support of architecture definition
* Deriving specifications for the RF and antenna subsystems
* Evaluate and characterize prototypes
* Characterize and analyze system performance
* Assist in the development of test tools / equipment for lab measurements
* Work with manufacturing engineers on production testing of RF systems
* Providing technical support of Riverbed, Polycom, Cisco, Microsoft Lync and Sony video conferencing systems and software

## Qualifications for communications engineer

* Must be familiar with various encryption devices, KG-84, KIV-7, KG-194, KG-95, KG-94, etc, including device substitution, key and re-keying
* BS degree in Engineering or a technical field preferred
* CF Experience is an asset
* Antennas - all typesModems, multiplexers, telephony
* Switching matrices, dummy loads
* Patch panels, distribution frames