

# Task Statements

## Assistant Telecommunications Engineer

<b>Task #</b>	<b>Task Statement</b>
1.	Design telecommunication systems (e.g., wireline, radio, fiber, satellite) to satisfy voice, video, and/or data requirements of an end user.
2.	Conduct telecommunication studies/surveys to predict system performance related to satisfying end user requirements utilizing appropriate tools or methodologies (e.g., computer simulation modeling, field strength measurements, analytical calculations).
3.	Develop and write technical specifications for telecommunication systems to satisfy end user requirements.
4.	Develop and write technical specifications for telecommunication equipment to satisfy end user requirements.
5.	Apply applicable standards to the design, implementation and management of telecommunication systems.
6.	Develop engineering documentation and drawings (e.g., schematics, interconnections, physical layouts) to direct the installation and to facilitate the future enhancement and maintenance of telecommunication systems.
7.	Analyze technical data to determine if new equipment is compatible with other system components and recommend solutions to any inconsistencies.