

# Telecommunications

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## An Overview...

Telecommunications professionals are required to understand the technical, social, financial and regulatory aspects of the telecommunications industry. They understand the nature of the regulatory environment in telecommunications and make effective decisions within regulatory constraints. Individuals comprehend the fundamental principles of the technology of telecommunications and are familiar with the nature and development of new technologies. Employees implement change through an understanding of strategic planning processes, industry trends, and management practices. Workers are familiar with general finance, accounting, and economic principles, which guide services industries. Individuals identify and evaluate technical, service, product and regulatory trends within the telecommunications industry. Professionals in the fields of telecommunications effectively manage technology processes within a rapidly changing environment.

## Skills:

Ability to take initiative	Negotiation and advocacy
Analyze/interpret and convey situations/behaviors	Problem-solving
Demonstrate technical aptitude	Systems thinking
Effective oral and written communication	Technical literacy
General business understanding of finance, management & marketing	Technological proficiency in a specific area
Industry awareness	Work on a team
Leadership	Write coherently and speak with confidence
Manage time effectively	

## Some Professional Careers:

Account Executive	Private Branch Exchange Engineer	Switch Engineer
Transmissions and Facilities Manager	Project Manager	Systems Engineer
Market Analyst/Manager	Software Engineer	Telecommunications Manager
Methods/Procedures Engineer	Software Planner	Traffic Engineer
Network Engineer	Strategic Planner	Technical Sales
Network Manager		

## Hiring Organizations:

Cable/Video Industry	Educational Publications	Telemarketing Organizations
Competitive Access Providers	Finance Companies	Telephone Companies
Computer Firms	Government Agencies	Utility Companies
Consulting Firms	Telecommunications firms	

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## Professional Organizations:

Cable and Telecommunications  
Association for Marketing  
201 N Union St., Ste. 440  
Alexandria, VA 22314 USA  
(703) 549-4200  
(703) 837-6567  
[www.ctamnetforum.com](http://www.ctamnetforum.com)  
email: [info@ctam.com](mailto:info@ctam.com)

National Cable and Telecommunications  
Association  
25 Massachusetts Ave. NW, Ste. 100  
Washington, DC 20001 USA  
(202) 222-2300  
[www.ncta.com](http://www.ncta.com)  
email: [webmaster@ncta.com](mailto:webmaster@ncta.com)

International Telecommunications Society  
c/o Leland W. Schmidt, Treas./Finance  
Committee Chm.  
33 Alpine Dr.  
Gilford, NH 03249 USA  
(603) 293-4094  
[www.itsworld.org](http://www.itsworld.org)  
email: [lschmidt@metrocast.net](mailto:lschmidt@metrocast.net)

Satellite Broadcasting and Communications  
Association  
1730 M Street NW, Suite 600  
Washington, DC 20036  
(202) 349-3620  
(800) 541-5981  
[www.sbca.com](http://www.sbca.com)  
[info@sbca.org](mailto:info@sbca.org)

Telecommunications Industry Association  
2500 Wilson Blvd., Ste. 300  
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(703) 907-7700  
[www.tiaonline.org](http://www.tiaonline.org)  
email: [gseiffert@tiaonline.org](mailto:gseiffert@tiaonline.org)

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