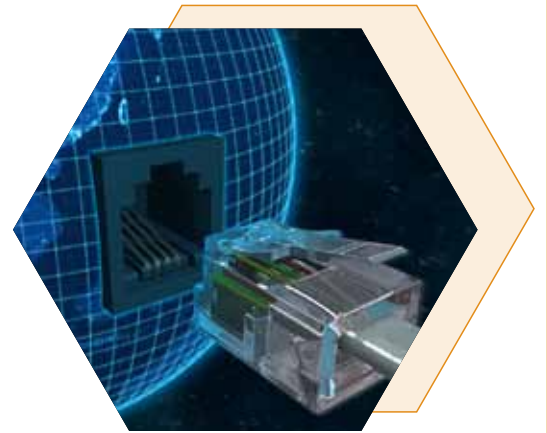


Tech-based Businesses Looking For Up-to-Speed Specialists ... **NETWORK SYSTEMS & DATA COMMUNICATIONS ANALYSTS IN DEMAND**

Organizations and businesses rely more and more on computer technology to operate efficiently in the competitive global market. So, it's necessary to hire those who can master and manage this technology.

Such people are called network systems and data communications analysts. These professionals analyze, design and test local area networks (LAN), wide area networks (WAN), Internet, intranet, and other data communications systems. Businesses depend on network systems and data communications analysts to recommend network and data communication hardware and software. Job duties vary depending on the size and complexity of the business model and require constant skills updates due to rapidly evolving technology. Many network systems and data communications analysts work as independent contractors or consultants on temporary contract bases.



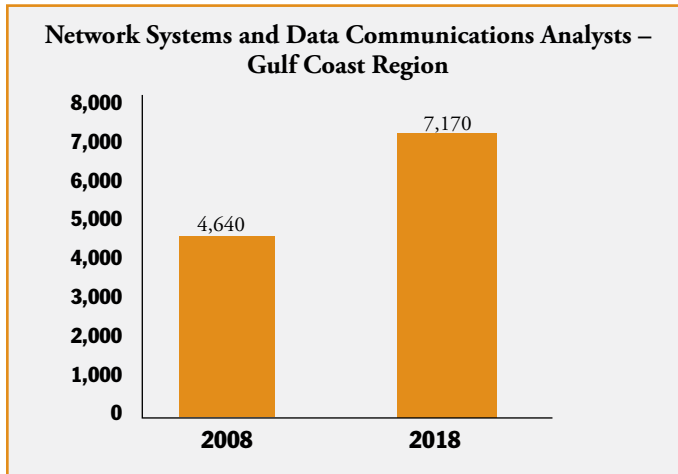
Network systems and data communications analysts are one of the fastest-growing occupations in the computer field. As technology gets more and more sophisticated, demand will continue to rise offering great job opportunities. The Gulf Coast region employs a large number of network systems and data communications analysts and faces an increasing challenge to fill upcoming vacancies.

Brought to you by the Education Committee of The Gulf Coast Workforce Board.
For more information visit us on the web at www.wrksolutions.com
Latest data available. May 2011.

*Includes the following counties: Austin, Brazoria, Chambers, Colorado, Fort Bend, Galveston, Harris, Liberty, Matagorda, Montgomery, Walker, Waller, and Wharton.

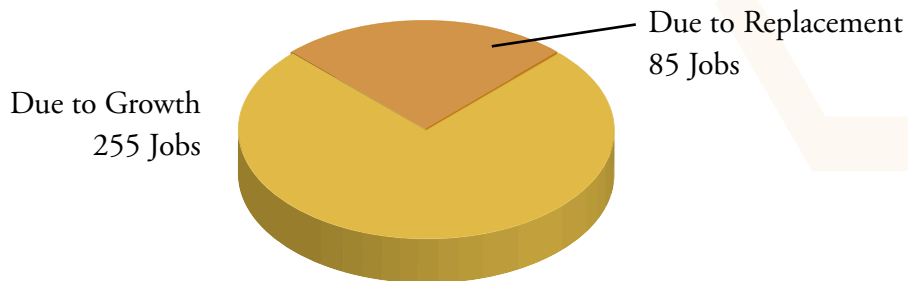
FOCUS ON NETWORK SYSTEMS & DATA COMMUNICATIONS ANALYSTS

THE NUMBER OF NETWORK SYSTEMS AND DATA COMMUNICATIONS ANALYSTS IN THE REGION IS EXPECTED TO LEAP BY 54.5 PERCENT OVER 10 YEARS!

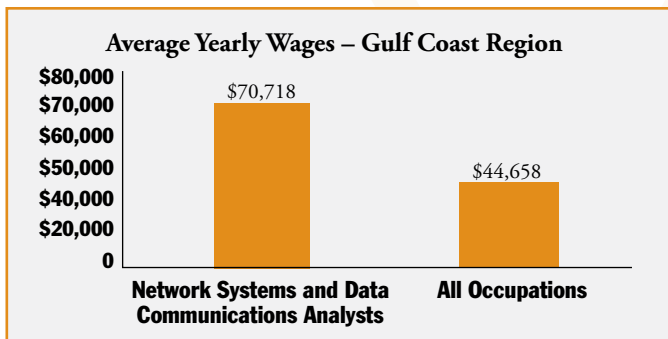


THIS AMOUNTS TO 340 NEW NETWORK SYSTEMS AND DATA COMMUNICATIONS ANALYST OPENINGS PER YEAR WITH 75 PERCENT OF THE OPENINGS DUE TO GROWTH!

Annual Job Openings – Gulf Coast Region



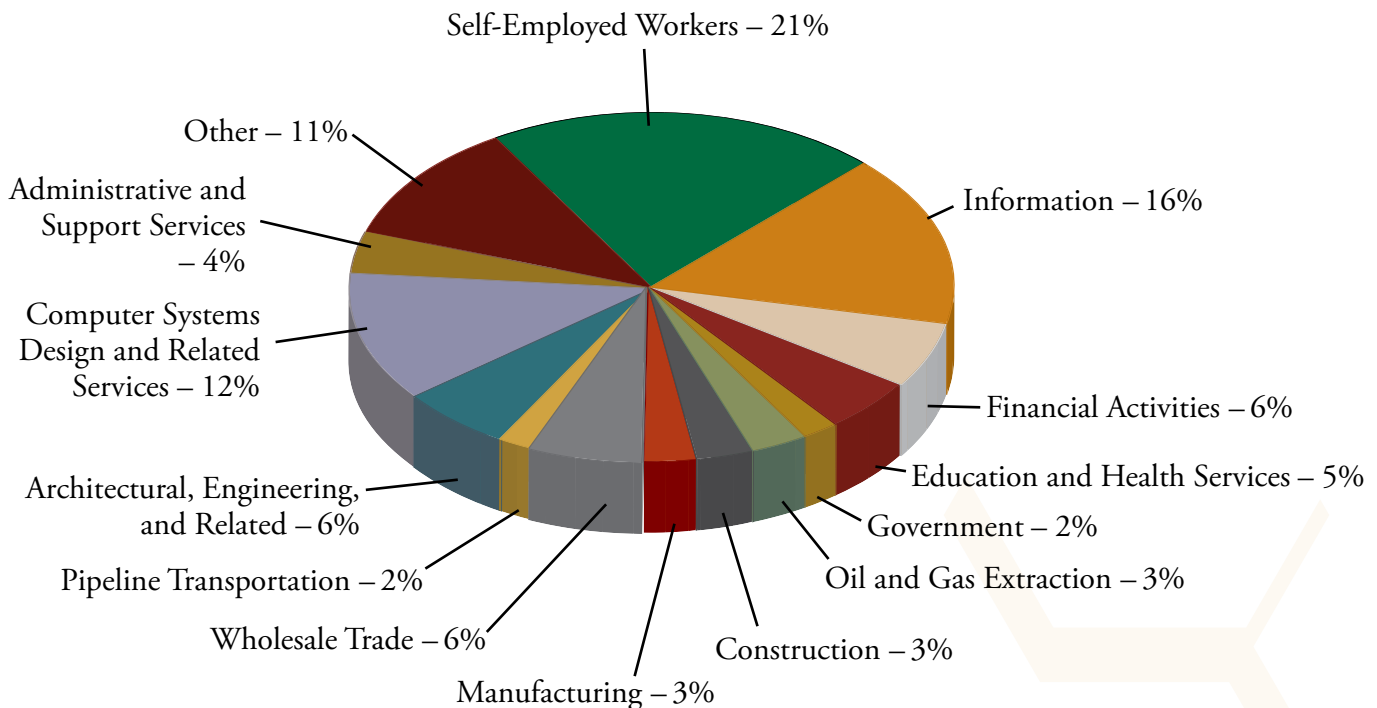
NETWORK SYSTEMS AND DATA COMMUNICATIONS ANALYSTS EARN EXCELLENT WAGES!



FOCUS ON NETWORK SYSTEMS & DATA COMMUNICATIONS ANALYSTS

OPPORTUNITIES ARE FOUND THROUGHOUT MOST INDUSTRIES, AND A SIGNIFICANT PORTION ARE EMPLOYED ON A CONTRACT BASIS OR PART-TIME.

Network Systems and Data Communications Analysts Gulf Coast Region 2018



PLAN EARLY TO BECOME A NETWORK SYSTEMS AND DATA COMMUNICATIONS ANALYST.

There is no set pattern of entry, although most employers require at least a bachelor's degree in Computer Science, Management Information Systems, or Information Science. Some jobs, however, may only require an associate's degree. The higher paying and most sought after jobs will require a bachelor's degree or experience with specific equipment/software. This occupation requires frequent upgrades to skills and knowledge of constant changing technology. High school preparation should encompass chemistry, physics, mathematics, and science.

Additional information can be found at the following:

- Association for Computing Machinery (ACM), <http://www.acm.org>
- Institute of Electronics and Electrical Engineers Computer Society (IEEE), <http://www2.computer.org/portal/web/guest/home>

FOCUS ON

NETWORK SYSTEMS & DATA COMMUNICATIONS ANALYSTS

CERTIFICATIONS

The list of available certifications is extremely long, and certification requirements often depend on the equipment and software in use by businesses. Multiple certifications are often desired. Some of the commonly desired certifications are offered through the following companies:

- Cisco Systems, <http://www.cisco.com/>
- Microsoft, <http://www.microsoft.com/>
- Nortel, <http://www.nortel.com/>

PREPARING FOR A NETWORK SYSTEMS AND DATA COMMUNICATIONS ANALYST CAREER

9th Grade	Suggested Coursework		
	English I	World Geography	Career-Related Electives: Principles of Information Technology
	Algebra I	Languages other than English I	
	Biology	Health/PE or Equivalent	
10th Grade	Suggested Coursework		
	English II	World History	Career-Related Electives: Computer Maintenance Electronics or Technical Writing
	Geometry	Languages other than English II	
	Chemistry		
11th Grade	Suggested Coursework		
	English III	United States History	Career-Related Electives: Telecommunications and Networking or Internetworking Technologies I or Entrepreneurship or Advanced Electronics or Career Preparation I
	Algebra II	Professional Communications	
	Physics		
12th Grade	Suggested Coursework		
	English IV	Government/Economics	Career-Related Electives: Computer Technician or Scientific Research and Design or Precalculus or Career Preparation II
	Precalculus	Fine Arts	
	Environmental Systems		

*Source: AchieveTexas.org

FOCUS ON NETWORK SYSTEMS & DATA COMMUNICATIONS ANALYSTS

GULF COAST REGION COMPUTER SCIENCE AND RELATED DEGREE PROGRAMS

COMMUNITY COLLEGES

- Alvin Community College
- Brazosport College
- College of the Mainland
- Galveston College
- Houston Community College System
- Lee College
- Lone Star College System
- San Jacinto College
- Wharton County Junior College

UNIVERSITIES

- Houston Baptist University
- Prairie View A&M University
- Rice University
- Sam Houston State University
- Texas Southern University
- Texas Woman's University
- University of Houston
- University of St. Thomas

MAJOR EMPLOYERS IN THE GULF COAST REGION

- BEI Corporation
- BSi Consulting
- CGI Systems
- Cisco Systems, Inc.
- COMSYS IT Partners, Inc.
- CSC Consulting Inc.
- INX
- Jack Henry & Associates, Inc.
- Keane Inc.
- National Integrated Systems
- NaviSite, Inc
- Robert Half Technology



Workforce Solutions is an equal opportunity employer/program. Auxiliary aids and services are available upon request to individuals with disabilities.

Texas Relay Numbers:

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