

# Activity 2.1.3a Protocols

## Procedure

1. Greet your partner to practice professional skills. Set team norms for pair work.

There is a human protocol for a business introduction. First impressions in business (as elsewhere) are lasting. People do infer personality and confidence from your introduction. A business introduction includes both a verbal introduction and a handshake and is done while standing. Read the following protocol, and then practice by exchanging an introduction with each member of your group.

- The verbal introduction should give your full name and a title or context. Allie might say, “Hello, my name is Allie Trusting. I’m a sophomore at Washington High School.”
- One person starts their verbal introduction and extends their hand a relaxed distance toward the other person. The handshake lasts 3–4 seconds with two or three shaking motions.
- The handshake should be as firm as you would use to turn a door handle. The web between your thumb and index finger should meet your partner’s.

In this activity, we dive into some of the details of how the Internet works. There is a high demand for employees in **computer system design**. These jobs are approximately equal in number to jobs in applications programming. These computer specialists create and maintain networks and the computer hardware on the networks. They work with the layers of abstraction at which data are exchanged among computers in a network. They might have one of the following job titles.

- Computer Engineers and Research Scientists create new technology



- Computer Support Specialists troubleshoot users’ problems



- Computer Systems Analysts analyze an institution’s technology and recommend

improvements

- Computer Network Architects design an institution's network

- Computer Systems Administrators install and maintain networks

2. Reference the Bureau of Labor Statistics (BLS) *Occupational Outlook Handbook* at <http://www.bls.gov/ooh/>. Select **Computer and Information Technology** from among the occupation groups.

OOH HOME | OCCUPATION FINDER | OOH FAQ | OOH GLOSSARY | A-Z INDEX | OOH SITE MAP | EN ESPAÑOL

# OCCUPATIONAL OUTLOOK HANDBOOK

Search Handbook

Occupational Outlook Handbook >

## Home

Welcome to the Nation's premier source for career information! The profiles featured here cover hundreds of occupations and describe What They Do, Work Environment, How to Become One, Pay, and more. Each profile also includes BLS employment projections for the 2010–20 decade.

### OCCUPATION GROUPS

- Architecture and Engineering
- Arts and Design
- Building and Grounds Cleaning
- Business and Financial
- Community and Social Service
- Computer and Information Technology**
- Construction and Extraction
- Education, Training, and Library
- Entertainment and Sports

The 2012-13 Occupational Outlook Handbook en Español is now available!  
¡El 2012-13 Occupational Outlook Handbook en Español está disponible ahora!

[www.bls.gov/es/ooh](http://www.bls.gov/es/ooh)

### SELECT OCCUPATIONS BY

2010 Median Pay	Entry-Level Education	On-the-job Training
Number of New Jobs (Projected)	Growth Rate (Projected)	<input type="button" value="GO"/>

- The five groups listed earlier are among the BLS information. Which of these occupation groups has the highest median salary?

- Which of the five occupation groups needs the fewest years of education?

## Part I: Act out protocols and the TCP/IP handshake

3. Think of decisions that you or another person made that were compromises among competing objectives. Describe one of these decisions that stayed in effect for some time after the decision was made.

4. Create a playwright-style script for a TCP handshake, similar to the one above, just using different numbers. Write it down.

6. What might be a disadvantage of agreeing that both ends will confirm receipt like this?