

# Areas of IS Employment Analyst/DB Admin

Unit 1: The Role of the Software  
Professional



# Analyst & DB Admin

## Skills And Abilities

What do you think are needed?

# Analyst & DB Admin

## ◆ Skills/Abilities Needed

- ◆ Very detail oriented
- ◆ Able to do both team and independent work
- ◆ Answer questions simply
- ◆ Creative!!!!

## ◆ Skills/Abilities Needed

- ◆ Handle stress
- ◆ Have good communication skills
- ◆ Logical & Quick thinking
- ◆ Willing to work long hours

# Analyst & DB Admin

## Job Duties

What kinds of things do Analysts and DB Administrators do?

# Analyst & DB Admin

## ◆ Job Duties

- ◆ Meet with application project team and end users
- ◆ Add new data entities and modify existing ones
- ◆ Review changes in the DB model with end users and programmers
- ◆ Develop and test implementation of software
- ◆ Develop database specific program code

# Analyst & DB Admin

- ◆ Job Duties (continued)
  - ◆ Tune database performance
  - ◆ Install database software
  - ◆ Work with IT tech support staff
  - ◆ Admin database security

# Analyst & DB Admin

- ◆ Job Duties (cont)
  - ◆ Create reports as required by end users
  - ◆ Test new database software upgrades
  - ◆ Keep up-to-date on database technology
  - ◆ Keep up-to-date on hardware
  - ◆ Keep up-to-date on software trends
  - ◆ Learn their industry