

Introduction

Challenges of tutoring:

Ability to generate a different way of explaining various concepts encountered in IT (toughest challenge)

Translate reading assignments

Vast knowledge of IT and keep up to date with current course content

Inspiration: My academic experience & job responsibilities

Learning Styles

Three different learning styles - auditory, visual, kinesthetic

Deaf students - inherently visual learners due to sensory compensation

Visual learners - likes to see the process of how things are done. "Can I see that again?"

Presentation should show clear demonstrations

Concrete examples, graphs, charts, visual representations of abstract concepts

Limitations of vision

Solely rely on vision to gather information

Adequate time needed to gather all information

Two visual sources of information:

Visual presentation (PowerPoint, video without CC)

Selection between Interpreter or Instructor

Regardless of choice, some information will be absent

Direct vs. Mediated Instruction

Direct instruction

Information from an instructional source is presented directly to the audience

Mediated instruction

Information is presented through an interpreter

Usually in mainstream environment

Comprehension test of lecture content (Marschark & Sapere, 2004)

Highly qualified interpreter provided

Deaf students consistently scored lower than hearing peers

Access services are not at fault

Direct instruction cannot be replicated with mediated instruction even under optimal conditions