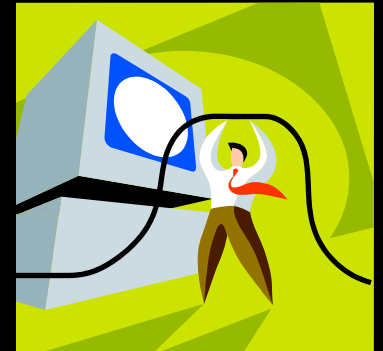# CIS 121
NETWORK CABLING SYSTEMS

TIM PHILLIPS

Welcome

Class Overview

COURSE AND INSTRUCTOR INFORMATION

- Instructor: Tim Phillips

- Section: Varies by semester

- Meets: Online

- Email: tim.phillips@gcccd.edu

- Web: www.cuyamaca.edu/people/tim-phillips

- Phone: 619-660-4582 (it is always best to contact me via email)

CIS 121 NETWORK CABLING SYSTEMS

- Comprehensive knowledge of:
  - Cabling specifications and standards
  - Structured cabling
  - Cabling systems design
  - Cabling tools
  - Creating copper and fiber-optic cables
    - Cat 5e, Cat 6, Coax, Fiber
  - Networking equipment
  - Wireless networking
  - Cable testing and Troubleshooting
  - Industry-level Request for Proposals

WHO IS THIS GUY?

Instructor: Tim Phillips
Office: E-107C

Website: www.cuyamaca.edu/people/tim-phillips

Office Hours:
   Varies by semester—see web
   site or course syllabus

WHO ARE YOU?

In order to get to know you and your fellow students your first assignment will be to go to Convas and enter a Discussion Comment with the following information:

- Name?

- Computer Experience Level?

- Why are you taking this class?

- Tell us something interesting about yourself!

NOTE: this assignment is optional

WHAT WILL YOU BE ABLE TO DO BY THE END OF THE COURSE?

- Understand or be able to complete:
  - Cabling standards and structured cabling
  - Basic cable system design
  - Create various copper and fiber-optic cables
  - Test and troubleshoot cabling systems
  - Respond to an industry-level Request for Proposal

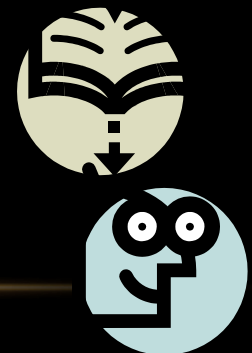# HOW ARE WE GOING TO DO THAT?

- In-classroom instruction

- Online format--Canvas

- Text book (optional) & handouts

- Videos & web links

- In-Class Labs

- In-Class Midterm and Final Labs

IMPORTANT! All graded material is available for a specific time period—items MUST be completed when available!
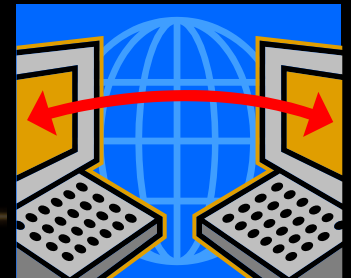
WHAT DO YOU NEED?

- Text book (optional)

- Access to Internet

- Usual supplies (notebook, etc)

- Internet access

- Interest in computers and network cabling

IMPORTANT ITEMS

- Read the course syllabus!
  - Class schedule--what is covered during the week

- Ensure you are enrolled in Canvas
  - NOTE: the class Canvas site will be available on the first day of the semester.

- Attend the first meeting of the class

COURSE POLICIES

- Keep up with course material
  - Do not fall behind on work
  - Login to Canvas at least once per week
  - Keep in contact with instructor
  - <u>Remember</u>! Your graded materials are only available for limited periods of time—see course syllabus for further information
  - Share your knowledge with others

START THE CLASS!

- Review the course syllabus each week
- Complete all assignments on time
- Keep in contact with me
  - Respond to emails
  - Call, email, or stop by
    - If you have any questions
    - Want to talk about CIS
    - If you get lost!
- See you in class!