Welcome to CMPT 127 Computing Laboratory

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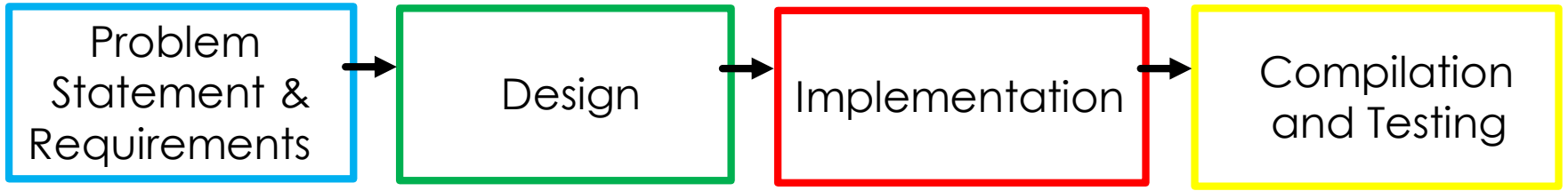
What is CMPT 127 and How it works remotely!

How CMPT 127 works

- Lab course - 3 hour lab sessions
  - No lectures, labs only with an introductory chat at 8:30am on T
  - Some of the labs will require more than 3 hours
- **How CMPT 127 will proceed remotely this semester!**
- CSIL – Computing Science Instructional Lab
  - In this course, we work with Linux, C and C++ (compiler: gcc and g++)
- If you have questions on Tuesday (lab day)
  - Contact Instructor and TA's - **Lab Hours**, Office Hours **and Email**
  - CS Peer Tutors – See link on menu of our course web site
- If you have questions on any other days
  - Contact Instructor and TA's - Lab Hours, **Office Hours and Email**
  - CS Peer Tutors – See link on menu of our course web site

What is CMPT 127

- We learn:
  - Linux (Ubuntu) OS
  - C and C++ (in our last lab)
  - Software development process



  - Tools: Terminal application, text editor, compiler (makefile), source code version control system (Git)
  - Good Programming Style (GPS)

CMPT 127 Weekly Workflow

- Workflow – Every week
  1. You read the weekly lab, helpful tips and sometime demo and do the lab's tasks (programs) satisfying the requirements of each task
     - Lab Posted: Each weekly lab is posted on our course web site on Tuesday at 8:30am
     - Lab Deadline: The grading robot for a particular lab stop grading 3 weeks later
     - Helpful tips and demo: Every week, I shall chat and post helpful tips and demo
  2. Compile each program before submitting it to your Git repo
  3. Execute/test each program before submitting it to your Git repo
     - You can use the test cases (sample input and sample output) described in the lab AND you can also create your own test cases
  4. Then you *push* your tasks (programs) onto your Git repo
  5. Grading robot grades them and report on whether or not your tasks pass the test cases
     - Grading robot result web page (explained in Lab 0)

Questions?