Git Version Control

Course Outline:

- **Git Terminology**
  - Repository
  - Working Copy
  - Index/Staging are
  - Blobs, Trees
  - Cloning
  - Remotes
  - Pulling + Pushing
  - Local history vs. Public history

- **Basic Git operations**
  - Viewing a commit
  - Switching branches

- **Making changes, staging and committing**
  - Staging a commit
  - Making a commit
  - Pushing your change
  - Undoing latest local commit
  - Reverting a commit

- **Merge and Conflict resolution**
  - How merge conflicts happen
  - Preventing merge conflicts
  - How to resolve a merge conflict