Module 1:
Course Introduction
Acknowledgements

Many thanks to David Maier who first developed this course.

Many of the slides presented here were based upon slides developed by David Maier.

Suggestions for improvement and additions came from many generations of students

Additional material

Todd Leen
Tim Sheard
Andrew Black
Course Mechanics

Instructors
Andrew Black
black@cs.pdx.edu, FAB 115-10
503-725-2411

Time: Winter Quarter 2017
– Tuesday and Thursday, 10:00 – 11:50
– Classroom: FAB 150
– Class Web page: http://www.cs.pdx.edu/~black/ScholarshipSkills
Assessment Scheme

• No Exams

• Exercises
  – Usually due the class after the one in which they are assigned.
  – Often used in-class the day they are due for peer activities.
  – graded on a “check off” basis

• Projects
  – Seven projects:
    • Annotated bibliography
    • 2-page summary of research paper
    • Revision of a 2-page summary
    • 5-minute presentation of a paper
    • 5-page paper on a technical topic
    • Revision of 5-page paper
    • 15-minute presentation based on paper above
  – Presentations will probably be in regular class hours.
  – One week or more allowed for each project.
  – Graded with points
Tentative Grading Scheme:

- Exercises: 15%
- Projects: 85%
  - Bibliography: 15%
  - Revision of 2-page summary: 10%
  - 5-min. Presentation: 10%
  - 5 page technical paper: 15%
  - Revision of 5 page research paper: 20%
  - 15-min. Presentation: 15%
Required Texts:

Other Useful Books – see [web page]
Policies:

- All deadlines are firm, unless explicitly extended. We will be as flexible as possible in accommodating special circumstances; but advance notice will make this a lot easier.

- We follow the standard PSU guidelines for academic integrity.
  - Discussion with your classmates is good!
  - Reading and critiquing each other’s work is required.
  - Items turned in should be your own, individual work.

    Be extremely careful to avoid plagiarism – anything copied verbatim from another source must be typographically distinguished as a quotation; the source must also be cited.

    Paraphrasing and representing someone’s ideas as your own are also plagiarism.
Academic Integrity

Students are expected to be honest in their academic dealings. Dishonesty is dealt with severely.

**Homework.** Make an effort to complete every piece of work. Pass in *only* your own work.

**Writing assignments.** Students are expected to do their own writing. Critique of your writing by others is encouraged, but you must *fix your mistakes on your own.*
The Office of Student Affairs at Portland State University maintains Code of Student Conduct and Responsibility. A copy of the full code can be found at [http://www.pdx.edu/dos/psu-student-code-conduct#Code](http://www.pdx.edu/dos/psu-student-code-conduct#Code)

The following conduct is proscribed by Portland State University; any student, or student organization, or group engaging in such conduct is subject to disciplinary action:

All forms of academic dishonesty, cheating, and fraud, including but not limited to:

(a) plagiarism, (b) the buying and selling of course assignments and research papers, (c) performing academic assignments (including tests and examinations) for other persons, (d) unauthorized disclosure and receipt of academic information and (e) falsification of research data.


All expectations of the student conduct code will be enforced strictly in class.
The Writing Center at Portland State University has prepared

PLAGIARISM: A Guide for Students to assist students in understanding plagiarism and developing strategies on avoiding it.

A copy of this guide is available from the Writing Center website.

Scholarly work resulting from plagiarism or cheating will receive no credit.
Use it!

The Writing Center
http://www.writingcenter.pdx.edu
Project

Projects involve a technical topic of your own choosing, reporting on prior work in that topic area.

1. Annotated Bibliography
   - A bibliography of at least 10 references in your topic area. Citations and short written descriptions of each paper.

2. Revision of a 1 page summary
   - 1-page (approx. 500 word) summary of one of the papers from your bibliography

3. 5-min. Presentation
   - A short (five-minute) presentation that corresponds to your summary paper (Project 2). Presentations will be scheduled outside of class time
4. **First 5-page Paper**
   - A background paper on a technical topic of 5 pages (~1500 words). It should be a complete paper with abstract, introduction and conclusions.

- **Revision of 5-page Paper**
  - Based on the feedback you have received, and other comments that you have collected, revise P4

- **15-min. Presentation**
  - Prepare and deliver a 15-minute presentation corresponding to your 5-page paper
Purpose of Course

Make you better scholars

- better researchers
- **better writers**
- better presenters
- better reviewers

Especially writing, and oral presentation
Learn to communicate

Written papers and articles
  How to read
  How to write
  How to judge the writing of others

Oral Presentations
  How to organize an oral presentation
  How to present an oral presentation
  How to listen to an oral presentation