

Class Meetings: Kelley 1003. MTWR 3-3:50

Instructor: Theresa Migler-VonDollen Ph.D., vondollt@onid.orst.edu

Course webpage: <http://theresamigler.com/cs325/>

Office Hours: MW 1-1:50 Kelley 2105

Textbook: *Algorithms* by S. Dasgupta, C.H. Papadimitriou, and U.V. Vazirani

Can be downloaded here: <http://www.cs.berkeley.edu/~vazirani/algorithms>

Course Topics:

| | |
|----------------------------|----------|
| Asymptotic Notation | Exam I |
| Divide and Conquer | Exam I |
| Recurrence Relations | Exam I |
| Dynamic Programming | Exam II |
| Linear Programming | Exam II |
| Reductions | Exam III |
| Complexity | Exam III |

Grade Policy:

- 3 exams, 20% each
- 6 homework quizzes 20%
- programming assignments 20%

Homework: There will be homework assigned each week. There will be a quiz each Thursday when there is not an exam. This quiz will have only questions that have appeared in the homework. If you do the homework you will be successful. There will be no makeups, but I will drop your lowest score.

Exams: There will be three exams. There will be no makeups. The homework is excellent preparation for the exams.

Students with Disabilities: Please come and speak to me right away so that we can make arrangements.

Classroom Etiquette: Out of respect for your classmates, there will be no computers allowed in the classroom and no texting.

Important Dates:

| | |
|--------------------------------|--------------|
| Exam I | July 8 |
| Exam II | July 24 |
| Exam III | August 12 |
| Programming Assignment 1 | due July 14 |
| Programming Assignment 2 | due August 4 |