COURSE INFORMATION

Text:

Mark Allen Weiss (1998) *Data Structures and Problem Solving Using JAVA*,
Addison-Wesley ISBN 0-201-54991-3

Text is *recommended* but not required. Class lectures will generally cover material not in the text. The text will be used to supplement the lectures. The following Chapters will *not* be covered in this class: Chs 9, 10, 12, 18, 20-23

Evaluation:

Available grades:

non-completion: Incomplete, Withdraw, etc.
completion: A A- B+ B B- C

A:	reserved for superior performance
A- or B+:	expected grade for conscientious performance
B:	adequate work
B-:	barely adequate
C:	equivalent to failing

Grading Options:

1. Performance Quality: attendance, participation, assigned exercises
2. Grading Contract: specify a set of behaviors and an associated grade.
3. Self-determined: negotiate with instructor

Discussion:

If you prefer a clearly defined agenda, if you do well with concrete task assignments,
or if you need a schedule of activities for motivation, then **Option 1** is a good idea.
If you already understand the field, if you plan to excel in a particular area,
or if you need clear performance goals for motivation, then **Option 2** is a good idea.
If you are not concerned about grades, if you intend to do what you choose anyway,
or if you are self-motivated, then **Option 3** is a good idea.
I will notify any student who is not on a trajectory for personal success.

Languages and Style:

The course will emphasize how to think about, design, and select data structures and algorithms for particular applications. It is expected that students will copy algorithms and data structures from reliable sources rather than design their own. Students may use the OS and programming languages of the choice for programming exercises. Most assignments will have an implementation component.