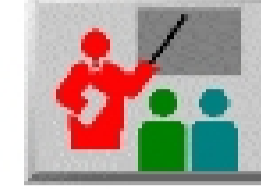


## Clip Art Sources

- ▲ [www.barrysclipart.com](http://www.barrysclipart.com)
- ▲ [www.livinggraphics.com](http://www.livinggraphics.com)
- ▲ [www.rad.kumc.edu](http://www.rad.kumc.edu)
- ▲ [www.graphicmaps.com](http://www.graphicmaps.com)


## What The Course Is About




- ▲ Data structures is concerned with the representation and manipulation of data.
- ▲ All programs manipulate data.
- ▲ So, all programs represent data in some way.
- ▲ Data manipulation requires an algorithm.

## What The Course Is About



- Algorithm design methods needed to develop programs that do the data manipulation.
- The study of data structures and  algorithms is fundamental to Computer Science.


## Prerequisites

- ▲ Java 
- ▲ Asymptotic Complexity
  - Big Oh, Theta, and Omega notations



## Web Site



- ▲ [www.cise.ufl.edu/~sahni/cop3530](http://www.cise.ufl.edu/~sahni/cop3530)
- ▲ Handouts, syllabus, text, source codes, exercise solutions, lectures, assignments, past exams, past exam solutions, TAs, etc. 
- ▲ My office data. 