16322 Data Structures and Algorithms
This is a junior level core course for Computer Engineering majors that covers both C++ and Object Oriented Programming plus essential data structures including linked lists, stacks, queues, trees, sorting, and hash tables.
Typical enrollment is 25 – 30 students.

TECHNOLOGY EMPLOYED
• Class Web Page
• Discussion Group
• Tablet PC and Stylus
• Ink on PowerPoint
• PowerPoint Animations
• Camtasia Studio Videos
• Blackboard Homework Collection

CLASS WEB PAGE
(Links to Handouts, Videos, and Other Resources)

TECHNOLOGY EMPLOYED

WEB PAGE HIT COUNTERS

INK ON POWERPOINT
(Ink on PowerPoint slides in real time using the tablet PC stylus)

POWERPOINT ANIMATIONS
(Trace Finding a Path through a Maze using a Position Stack)

TABLET PC AND STYLUS

CAMTASIA STUDIO VIDEOS

16.322 Meeting 19
• Stacks Continued...
  - Backtracking Algorithms
  - Maze Traversal (Depth-First Search)
• Program 5 Requirements