Welcome to the CS department
Good learning practices

- Fail often, fail fast (and fail safely)
- Try hard before asking for help
- Start early

- Take notes by hand
- Don't try to multitask – you can't
- Laptops distract you and your neighbors
CMSC131 is a foundation

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CS degree

CMSC131
CS intro track

• Programming
  - CMSC131, CMSC 132 – Object Oriented Programming I&II
  - CMSC216 – Introduction to computer systems
  - CMSC330 – Organization of programming languages

• Theory
  - Calculus
  - CMSC250 – Discrete structures
  - CMSC351 - Algorithms
Upper level classes

- **CMSC41x**
  - (411 - architecture, 412 - operating systems, 414 - security, 417 - networks)

- **CMSC42x**
  - (420 - datastructures, 421 - AI, 423 - bioinformatics, 424 - databases, 426 - image processing, 427 - graphics)

- **CMSC43x**
  - (430 - compilers, 433 - programming languages, 434 - HCI, 435 - software engineering, 436 - handheld devices)

- **CMSC45x**
  - (451 - algorithms, 452 - theory of computation, 456 - cryptography)

- **CMSC46x**
  - (460 - computational methods, 466 - numerical analysis)

- **CMSC47x**
  - (474 - game theory)
Doing well in class

• Show up and participate
• Start early on projects
  – plan your work carefully
  – multiply your estimates by 2 or 3
Getting help

- Office hours
- Piazza
- Friends
- The internet
- Learning Assistance Services: http://www.counseling.umd.edu/LAS/

- Key: avoid getting too much help!