

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!