

Computer Science Department  
Proposed Course Changes  
Fall 2010

The following updates to course titles, descriptions and prerequisites are proposed. For each course, the old information is shown with text to be changed shown in strikeout type. The proposed new information is shown with the additions underlined.

CMSC102

(old) For non-majors only. ~~Not recommended for BMGT students. Not open to students who have completed CMSC114 or higher. Credit will be granted for only one of the following: CMSC102, CMSC132 or CMSC214. If CMSC102 is taken before CMSC132 or CMSC214, then credit will be granted for both.~~ A historical and practical introduction to computer and network terminology, applications and concepts. Students will have hands-on experience with a variety of tools available to find and access information on the Internet, to exchange information between computers, and to perform basic web design. Students will explore applications (such as browsers and spreadsheets) as well as different computing environments (such as Windows and UNIX). There will be discussions of social, legal, and ethical issues related to technology.

(new) For non-majors only. Not open to students who have received credit for or are taking CMSC131 or CMSC122. A historical and practical introduction to computer and network terminology, applications and concepts. Students will have hands-on experience with a variety of tools available to find and access information on the Internet, to exchange information between computers, and to perform basic web design. Students will explore applications (such as browsers and spreadsheets) as well as different computing environments (such as Windows and UNIX). There will be discussions of social, legal, and ethical issues related to technology.

CMSC114

Delete class – has not been offered since 2003

CMSC212

Delete class – replaced by CMSC 216 Fall 2010

CMSC214

Delete class – has not been offered since 2004

CMSC 216

(old) Prerequisite: ~~CMSC131, CMSC132, MATH140, and MATH141.~~ Corequisite: CMSC250. Not open to students who have completed CMSC212. Credit will be granted for only one of the following: CMSC212 or (CMSC213 and CMSC313) or CMSC216. Machine representation of data including intergers and floating point. Modern computer architectural features and their interaction with software (registers, caches). Interaction between user programs and the OS: system class, process, and thread management. Optimizing software to improve runtime performance using both compilers and hand turning.

(new) Prerequisite: CMSC132 with a grade of C or better, MATH141 with a grade of C or better. Corequisite: CMSC250. Not open to students who have completed CMSC212. Credit will be granted for only one of the following: CMSC212 or (CMSC213 and CMSC313) or CMSC216. Machine representation of data including intergers and floating point. Modern computer architectural features and their interaction with software (registers, caches). Interaction between user programs and the OS: system class, process, and thread management. Optimizing software to improve runtime performance using both compilers and hand turning.

CMSC 425

Create new course (see attached materials)

CMSC 436

Create new course (see attached materials)