University of Wisconsin-Whitewater

Curriculum Proposal Form #4R

# **Change in or Deletion of an Existing Course**

Type of Action (check all that apply)

Pre-requisite Change

Add Cross-listing \*  Technological Literacy

Course Deletion  Title Change   
 Number Change  Writing Requirement

(other)

**Effective Term**:

**Current Course Number** (*subject area and 3-digit course number)*: COMPSCI 223   
**Cross-listing *(if applicable)***:

**New Course Number** (*subject area and 3-digit course number*):

**Cross-listing *(if applicable)***:

**\*If adding a cross-listing, include the following:**

Required in the major:   
  
Required in the minor:

Number of credits: Lab hours/week:    
  
Contact hours/week: Repeatable

**Current Course Title**: ADVANCED C++

**New Course Title**:

**25-Character Abbreviation** *(if new title)*:

**Sponsor(s)**: Jonathan Kane

**Department(s):** Mathematical and Computer Sciences

**College(s):**

**List all programs that are affected by this change:**

MCS

If programs are listed above, will this change affect the Catalog and Advising Reports for those programs? If so, have Form 2's been submitted for each of those programs?

(Form 2 is necessary to provide updates to the Catalog and Advising Reports)

NA  Yes  They will be submitted in the future

Proposal Information: ([***Procedures for form #4R***](http://acadaff.uww.edu/UCC/Curriculum_Handbook_09/Procedures_form4R.docx))

1. **Detailed explanation of changes** (use FROM/TO format)

***FROM:***

Prereq: COMPSCI 222

***TO:***

Prereq: COMPSCI 222 **or MCS 220 and consent of instructor**

**Unreq: MCS 231**

## Justification for action

COMPSCI 223 is taught using the C++ programming language as introduced in CMPSCI 174 and COMPSCI 222. The course MCS 220 is taught at the same level as COMPSCI 222 using the JAVA programming language. Students willing to learn the differences between these two languages on their own should have adequate preparation for COMPSCI 223.

MCS 231 is taught at the same level as COMPSCI 223 covering similar topics using different programming languages. Thus, MCS has already made COMPSCI 223 an unrequisite for MCS 231. For the same reasoning COMPSCI 223 should list MCS 231 as an unrequisite. One goal is to prevent students from using one course for their MCS major and another for their Computer Science minor.