University of Wisconsin-Whitewater

Curriculum Proposal Form #4R

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

Type of Action (check all that apply)

 [x]  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 222
**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**: INTERMEDIATE 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)

[x]  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 174

 ***TO:***

Prereq: COMPSCI 174 or COMPSCI 172 and consent of instructor

Unreq: MCS 220

## Justification for action

COMPSCI 222 is taught using the C++ programming language as introduced in CMPSCI 174. The course COMPSCI 172 is taught at the same level as COMPSCI 174 using the JAVA programming language. Students willing to learn the differences between these two languages on their own should have adequate preparation for COMPSCI 222.

MCS 220 is taught at the same level as COMPSCI 222 covering similar topics using different programming languages. Thus, MCS has already made COMPSCI 222 an unrequisite for MCS 220. For the same reasoning COMPSCI 222 should list MCS 220 as an unrequisite. One goal is to prevent students from using one course for their MCS major and another for their Computer Science minor.