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 174
**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**: Introduction to C++

**New Course Title**:

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

**Sponsor(s)**: Athula Gunawardena

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

**College(s):**

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

Computer Science Major

Media Arts and Game Development major

ITBE major

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:***

PREREQUISITE: COMPSCI 171 and either MATH 152 or MATH 143 or Calculus placement, or consent of instructor.

***TO:***

PREREQUISITE: (MATH 152 or MATH 143 or Calculus placement) and some programming experience, or consent of instructor.

## Justification for action

Most students who come to campus wanting a COMPSCI, MAGD, or ITBE major, or a Computer Science minor will have had some preparatory programming courses in High School, so they will be able to skip COMPSCI 171 without an override. Because COMPSCI 174 is a gateway course, this will significantly reduce time to degree completion. Those students who do not have any programming experience will still be directed to take COMPSCI 171.