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 433
**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**: THEORY OF ALGORITHMS

**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:**

Computer Science Minor, Web Development and Administration Minor

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: MCS 231 or both MATH 280 and COMPSCI 172

***TO:***

Prereq: (MCS 231 **or COMPSCI 223**) or (MATH 280 and **either COMPSCI 172 or COMPSCI 174**)

## Justification for action

COMPSCI 174 and COMPSCI 223 are recently added courses which covers similar material as COMPSCI 172 and MCS 231, respectively, but using the C++ programming language rather than the JAVA programming language. Thus, these courses would also give adequate preparation for COMPSCI 433.