

## **Proposal to create a W-version of an Existing Undergraduate Course**

Last revised: December 8, 2003

See "[Instructions for completing CLAS CC&C forms](#)" for general instructions and specific notes.

1. Date: 9/24/20123
2. Department requesting this course: Mathematics
3. Semester and year in which course will be first offered:

### **Final catalog Listing** (see [Note A](#)):

Assemble this after you have completed the components below. This listing should not contain any information that is not listed below! See Note A for examples of how undergraduate and graduate courses are listed.

#### **MATH 2710. Transition to Advanced Mathematics**

Either semester. Three credits. Prerequisite: Math 1132 or 1152. Not open for credit to students who have passed MATH 2143. Students intending to major in mathematics should ordinarily take this course during the third or fourth semester.

Basic concepts, principles, and techniques of mathematical proof common to higher mathematics. Logic, set theory, counting principles, mathematical induction, relations, functions. Concepts from abstract algebra and analysis.

#### **MATH 2710W. Transition to Advanced Mathematics**

Either semester. Three credits. Prerequisite: Math 1132 or 1152; and ENGL 1010 or 1011 or 2011 or 3800. Not open for credit to students who have passed MATH 2143. Not open to students with credit for Math 2710. Open only to Mathematics Department majors. Students intending to major in mathematics should ordinarily take this course or Math 2710 during the third or fourth semester.

### **Items included in catalog Listing:**

#### **Obligatory Items**

1. Standard abbreviation for Department or Program (see [Note O](#)): MATH
2. Course Number (see [Note B](#)): 2710W  
If using a specific number (e.g. "254" instead of "2XX"), have you checked with the Registrar that this number is available for use?  Yes  No
3. Course Title: Transition to Advanced Mathematics
4. Semester offered (see [Note C](#)): Either
5. Number of Credits (see [Note D](#)): 3
6. Course description (second paragraph of catalog entry -- see [Note K](#)):  
Basic concepts, principles, and techniques of mathematical proof common to higher mathematics. Logic, set theory, counting principles, mathematical

induction, relations, functions. Concepts from abstract algebra and analysis.

### **Optional Items**

7. Number of Class Periods, if not standard (see Note E):
8. Prerequisites, if applicable (see Note F):  
Math 1132 or 1152; and ENGL 1010 or 1011 or 2011 or 3800.
9. Recommended Preparation, if applicable (see Note G):
10. Consent of Instructor, if applicable (see Note T)
11. Exclusions, if applicable (see Note H):  
Not open for credit to students who have passed MATH 2143. Not open to students with credit for Math 2710. Open only to Mathematics Department majors.
12. Repetition for credit, if applicable (see Note I):
13. Instructor(s) names if they will appear in catalog copy (see Note J):
14. Open to Sophomores (see Note U):
15. Skill Codes "W", "Q", or "C" (see Note T): W
16. S/U grading (see Note W):

### **Justification**

1. Reasons for adding this course: (see Note L)  
We need additional methods of handling the increased strain in meeting the "W in the major" requirement for Math Department majors.
2. Academic Merit (see Note L): The academic merit of this course was already approved by the CLAS C&CC when Math 2710 was approved long ago.
3. Overlapping Courses (see Note M): Math 2710 and 2710W will cover the same content.
4. Number of Students Expected: Undetermined, but with Next Generation UConn, more majors than we can handle in our existing W courses are expected.
5. Number and Size of Section: 19 per W-section, number of sections depends on student need and resource restrictions
6. Effects on Other Departments (see Note N): none
7. Effects on Regional Campuses: none
8. Staffing (see Note P): this will be taught by regular faculty and by VAPs.
9. Dates approved by (see Note Q):  
Department Curriculum Committee: 4/26/2013  
Department Faculty: 5/9/2013
10. Name, Phone Number, and e-mail address of principal contact person:  
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