Submitted by: Ian Finlayson  
Date Prepared: 11/5/15

Department/Discipline(s) and Course Number(s): CPSC 340

Course Title: Data Structures and Algorithms

Type of change (check all applicable):
Number* _____ Title_____ Credits_____ Description____ Prerequisites __X_ Deletion_____ Cross list**____

*This course number must be approved by the Office of the Registrar before the proposal is submitted.

**To cross list courses between departments/colleges, there should be two cover sheets submitted with the proposal – one by the chair of each department with signatures from the relevant College Curriculum Committee Chair.

Effective Date: FALL Semester, Year ____Fall 2016___________________________

Current Catalog Entry
Prerequisite: CPSC 225 and grade of C or better in CPSC 240. Continued study of data modeling and incorporation of abstract data types including linked lists, stacks, queues, heaps, trees, and graphs. Study of advanced sorting and searching techniques. Provides experience in the use of algorithm analysis. Continued study of program design, coding, debugging, testing, and documentation in an object-oriented higher level language.

Proposed Catalog Entry
Prerequisite: CPSC 125A, CPSC 225 and grade of C or better in CPSC 240. Continued study of data modeling and incorporation of abstract data types including linked lists, stacks, queues, heaps, trees, and graphs. Study of advanced sorting and searching techniques. Provides experience in the use of algorithm analysis. Continued study of program design, coding, debugging, testing, and documentation in an object-oriented higher level language.

JUSTIFICATION (including impact on majors, minors, concentrations, and general education courses within the University curriculum; attach additional pages if required). Any change that impacts another Department must have a written statement (such as a copy of an email) from the Chair(s) agreeing to the change.

We are adding CPSC 125A, “Introduction to Discrete Mathematics” as a prerequisite for CPSC 340. Nearly all students take 125 before 340 anyway, and being able to rely on students having that course will make teaching 340 easier and reduce duplication.

TRANSITION PLAN (describe how will students who are in Catalogs where the course is required for a major be accommodated; attach additional pages if required)

There is no transition plan needed. Both courses are required for majors and 125A is offered every semester. Also, nearly all students take 125A prior to 340 anyway.

Approvals
Department Chair
Date: 11/10/2015

College Curriculum Chair
Date: 11/18/15

Expedited course changes are posted for a 10-class day comment period. If no comments are raised during that time, the proposal becomes final. All expedited proposals approved in this way will be noted on the UCC web site.
If comments are raised, the proposal may be reviewed by the UCC and then approved or it may be returned to the CCC for additional deliberation (as required).