THE UNIVERSITY OF NORTH CAROLINA ASHEVILLE
FACULTY SENATE

Senate Document Number     SD3923S
Date of Senate Approval     03/30/2023
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
Statement of Faculty Senate Action:

**APC Document 29 (CSCI):**     **Addition of Engineering courses to fulfill requirements for the Computer Science Minor**

**Effective Date: Fall 2023**

**1.**     **Delete:** On page 110, under **Minor in Computer Science**:

> 21 hours in Computer Science: one course from 182, 183 or 185; 201, 202, 235 and 9 hours in CSCI at the 300-400 level.

**Add**:     On page 110, in place of deleted entry:

> 21 hours in Computer Science: one course from CSCI 182, 183, 185, or ECE 209; CSCI 201, 202; CSCI 235 or ECE 109; and 9 hours chosen from CSCI at the 300-400 level, ECE 306, or ECE 310.

**Impact**:  Students majoring in Engineering frequently minor in Computer Science, and these substitutions have been allowed for several years. Adding the ECE courses to the catalog means students will no longer be required to contact the CSCI Chair for substitutions and the Registrar's Office will not be required to manually record the substitutions.

**Rationale**:  This document enacts an agreement between the Engineering Program and the Computer Science Department that has been in place since Spring 2018. We have allowed ECE 209 to count toward our CSCI "18X" (i.e. 182, 183, or 185) introductory programming course because ECE 209 covers programming in the "C" programming language. ECE 109 covers low level computer systems which has substantial overlap in material with our CSCI 235 "Systems I" course. ECE 306 "Introduction to Embedded Systems" and ECE 310 "Design of Complex Digital Systems" both contain computer science content that make them suitable as 300-level CSCI electives.