

THE UNIVERSITY OF NORTH CAROLINA AT ASHEVILLE
FACULTY SENATE

Senate Document Number 6717S
Date of Senate Approval 05/04/17

Statement of Faculty Senate Action:

APC Document 60 (CSCI): **Update AP and IB credit for Computer Science**

Effective Date: Fall 2017

1. Delete: On page 39, the Computer Science entry for Advanced Placement credit:

Computer Science			
A	3, 4, 5	3	CSCI 181
AB	3	3	CSCI 181
	4, 5	6	CSCI 181, 202

Add: On page 39, in place of deleted entry:

Computer Science			
A	3, 4, 5	3	CSCI 201
Principles	3	3	CSCI 107

2. Delete: On page 40, the Computing Studies entry for International Baccalaureate credit:

Computing Studies	5, 6, 7	6	CSCI 181, 202
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Add: On page 40, in place of deleted entry:

Computing Studies	5, 6, 7	3	CSCI 107
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Impact: These changes will have minimal impact. Few students receive AP credit in computer science. With the current credit policies, only 33 students have received credit for CSCI 181 since Fall 2010. No students have received IB credit in computer science.

Rationale: The College Board discontinued its offering of the AP Computer Science AB Exam as of May 2009 and launched the AP Computer Science Principles Course/Exam in Fall 2016. Our proposed updates reflect both these changes and the revisions of our 2017 CSCI Curriculum.

The AP Computer Science Course A focuses on Object-Oriented Program Design and Implementation which are now covered in our CSCI 201: Introduction to Object-Oriented Programming.

The AP Principles course seeks to increase computer fluency throughout the K-16 curriculum. The course was developed as part of a project between UC-Berkeley and the New York City school system to introduce computational thinking "at all levels". Its objectives – connecting computing to society,

creating computational artifacts, applying abstraction, developing communication skills, and introducing collaborative activities – match the objectives of CSCI 107. As of Spring 2017, three COPLAC institutions (Georgia College, University of South Carolina Aiken, and University of Wisconsin-Superior) list credit for AP CS Principles. Like the CS departments of these three colleges, we will allow a score of three or higher to substitute for a computer fluency course.

Allowing a score of 5 or higher on the IB exam to substitute for a computer literacy course (CSCI 107) is consistent with NC State policy (<https://admissions.ncsu.edu/apply/credit-opportunities/international-baccalaureate-ib/>).