Relationship between Program Educational Objectives and Student Outcomes

Student outcomes 1 to 5 are in Criterion 3 of the ABET Criteria for Computing programs and student outcome 6 is from the ABET program specific criteria for computer science programs. These six outcomes are:

1. An ability to analyze a complex computing problem, and to apply principles of computing and other relevant disciplines to identify solutions.
2. An ability to design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
3. An ability to communicate effectively in a variety of professional contexts.
4. An ability to recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
5. An ability to function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
6. An ability to apply computer science theory and software development fundamentals to produce computing-based solutions.

Table 1 below contains a mapping between the program educational objectives and the student outcomes.

Program Objectives	Student Outcomes					
	1	2	3	4	5	6
1: Expertise	√	√			√	√
2: Engagement	√	√	√	√	√	√
3: Learning			√	√		

Table 1: Relationship between Program Educational Objectives and Student Outcomes