

INTRODUCTION

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These criteria are intended to provide a framework of education that prepares graduates to enter the professional practice of engineering who are

- (i) able to participate in diverse multicultural workplaces;
- (ii) knowledgeable in topics relevant to their discipline, such as usability, constructability, manufacturability and sustainability; and
- (iii)

One Academic Year – One academic year is the lesser of 32 semester credits (or equivalent) or one-

with ABET's policies and positions on diversity and inclusion.

Submitted in 2015	Proposed for First Reading in 2016
CRITERION 5. CURRICULUM	GENERAL CRITERION 5: CURRICULUM
The curriculum requirements specify subject areas appropriate to engineering but do not prescribe specific courses. The curriculum must support attainment of the student outcomes and must include:	The curriculum requirements specify subject areas appropriate to engineering but do not prescribe specific courses. The program curriculum must provide adequate content for each area, consistent with the student outcomes and program educational objectives, to ensure that students are prepared to enter the practice of engineering. The curriculum must include:
(a) one academic year of a combination of college-level mathematics and basic sciences (some with experimental experience) appropriate to the program.	(a) a minimum of 30 semester credit hours (or equivalent) of a combination of college-level mathematics and basic sciences with experimental experience appropriate to the program.
(b) one and one-half academic years of engineering topics, consisting of engineering sciences and engineering design appropriate to the program and utilizing modern engineering tools.	(b) a minimum of 45 semester credit hours (or equivalent) of engineering topics appropriate to the program, consisting of engineering sciences and engineering design, and utilizing modern engineering tools.

(c) a broad education component that includes humanities and social sciences, complements the technical content of the cu(e)-2(1.7(m)-3.47(m)-5(f)6.6()11.2(a)-11.2(c)8a)-11.2(de)8n)-5.2(i)-5(c)8ye)8a)-11.2