

CAC Criteria Currently in Use	Approved for First Reading <sup>1</sup> in October 2016
DEFINITIONS	DEFINITIONS

While ABET recognizes and supports the prerogative of institutions to adopt and use the terminology of their choice, it is necessary for

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-	(5) A project requiring integration of knowledge and skills acquired in earlier course work.
(b) One year of science and mathematics:	
(1) Mathematics: At least one-half year that must include discrete mathematics. The additional mathematics might consist of courses in areas such as calculus, linear algebra, numerical methods, probability, statistics, number theory, geometry, or symbolic logic.	(b) Mathematics: At least one-half academic year of college-level mathematics that must include discrete mathematics. The additional mathematics might consist of course work in areas such as calculus, linear algebra, numerical methods, probability, statistics, number theory, or geometry.
(2) Science: A science component that develops an understanding of the scientific method and provides students with an opportunity to experience this mode of inquiry in courses for science and engineering majors that provide some exposure to laboratory work.	(c) Science: Natural science course work that develops an understanding of the scientific method, provides exposure to laboratory work, and provides students with an opportunity to experience this mode of inquiry in courses appropriate for science or engineering majors.
<b>CS PROGRAM CRITERION 6 (FACULTY)</b>	<b>CS PROGRAM CRITERION 6 (FACULTY)</b>
Some full time faculty members must have a Ph.D. in computer science.	At least one full time faculty member must have a Ph.D. in computer science.

Computing Accreditation Commission  
Information Systems Program Criteria

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	<u>Definition</u> Information Systems Environment - An information systems environment is an organized domain of activity within which information systems are used to support and enable the goals of the activity. Examples of information systems environments include (but are not limited to) business, health care, government, not-for-profit organizations, and scientific disciplines.
IS PROGRAM CRITERION 3 (STUDENT OUTCOMES)	IS PROGRAM CRITERION 3 (STUDENT OUTCOMES)
The program must enable students to attain, by the time of graduation:	In addition to outcomes 1 through 5, the following outcome is required:
(j) An understanding of and an ability to support the use, delivery, and management of information systems within an Information Systems environment.	6. An ability to support the delivery, use, and management of information systems within an information systems environment.
IS PROGRAM CRITERION 5 (CURRICULUM)	IS PROGRAM CRITERION 5 (CURRICULUM)
Students must have course work or an equivalent educational experience that includes:	The curriculum requirements specify subject areas, but do not prescribe specific courses. These requirements are:
(a) Information Systems: One year that must include: (1) Coverage of the fundamentals of application development, data management, networking and data communications, security of information systems, systems analysis and design and the role of Information Systems in organizations.	(a) Information systems: At least one academic year that includes coverage of fundamentals and applied practice in application development; data and information management; IT infrastructure; systems analysis, design and acquisition; project management; and the role of information systems in organizations.

