

PROGRAM CRITERIA FOR
SOFTWARE
AND SIMILARLY NAMED ENGINEERING PROGRAMS

Lead Society: CSAB

Cooperating Society: Institute of Electrical and Electronics Engineers

These program criteria apply to engineering programs that include software or similar modifiers in their titles.

1. Curriculum

The curriculum must provide both breadth and depth across the range of engineering and computer science topics implied by the title and objectives of the program.

The program must demonstrate that graduates have: the ability to analyze, design, verify, validate, implement, apply, and maintain software systems; the ability to appropriately apply discrete mathematics, probability and statistics, and relevant topics in computer science and supporting disciplines to complex software systems; and the ability to work in one or more significant application domains.

PROGRAM CRITERIA FOR
SURVEYING
AND SIMILARLY NAMED ENGINEERING PROGRAMS
Lead Society: American Congress on Surveying and Mapping
Cooperating Society: American Society of Civil Engineers

These program criteria apply to engineering programs including "surveying" and similar modifiers in their titles.

1. Curriculum

The program must demonstrate that graduates have competency in one or more of the following areas: boundary and/or land surveying, geographic and/or land information systems, photogrammetry, mapping, geodesy, remote sensing, and other related areas.

2. Faculty

Programs must demonstrate that faculty members teaching courses that are primarily design in content are qualified to teach the subject matter by virtue of professional licensure or by educational and design experience.