BS in Civil Engineering ABET Accreditation

The Bachelor of Science program in Civil Engineering at Syracuse University is accredited by the Engineering Accreditation Commission of ABET, [http://www.abet.org](http://www.abet.org).

Enrollment and Graduation Data

Spring 2015 Enrollment 222 students
2014-15 Graduates 59 students

Program Educational Objectives:

The educational objectives of the B.S. degree program in Civil Engineering are to produce graduates who:

I. apply technical knowledge and problem-solving skills to advance their careers.
II. apply technical knowledge and problem-solving skills to serve their community, society, and profession.
III. are prepared for engineering practice and advanced studies in civil/environmental engineering.
IV. engage in life-long learning to keep themselves abreast of new developments in their fields of practice or study.
V. are capable of effective written and oral communication.

Student Outcomes:

(a) an ability to apply knowledge of mathematics, science, and engineering
(b) an ability to design and conduct experiments, as well as to analyze and interpret data
(c) an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability
(d) an ability to function on multidisciplinary teams
(e) an ability to identify, formulate, and solve engineering problems
(f) an understanding of professional and ethical responsibility
(g) an ability to communicate effectively
(h) the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context
(i) a recognition of the need for, and an ability to engage in life-long learning
(j) a knowledge of contemporary issues
(k) an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.