

Paper Science and Engineering Program Outcomes

Graduates of the PS&E program at the University of Wisconsin - Stevens Point have the greatest potential for success in their professional lives if they possess the following attributes:

- (a) the ability to apply knowledge of mathematics, science, and engineering
- (b) the ability to design and conduct experiments, as well as to analyze and interpret data
- (c) the 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) the ability to function on multi-disciplinary teams
- (e) the ability to identify, formulate, and solve engineering problems
- (f) the understanding of professional and ethical responsibility
- (g) the 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 the ability to engage in life-long learning
- (j) a knowledge of contemporary issues
- (k) the ability to use the techniques, skills, and modern engineering tools necessary for engineering practice
- (l) knowledge of the science and technology used in the paper industry