

University of Washington's EELI Challenge Statement

The UW College of Engineering seeks to support professional development of the 10 departments within the college to ensure that graduating engineers possess skills and attributes to adequately meet the needs of the industries that hire them. The college seeks to incorporate the knowledge gained in its research centers, where engineers and scientists of different backgrounds join together to solve interdisciplinary problems, to enhance engineering education and provide students with a broad engineering through inter/intra departmental course offerings. The overall goal is to recruit, retain, and graduate a competitive, diverse student body in the College of Engineering. To accomplish this goal the COE's leadership may have to reconsider the college's admission process, the basic structure of engineering departments, the infrastructure for evaluating the performance of professors as well as the coursework students should be taught. All levels within the departments must be engaged as well as strategic partners throughout the campus to insure success.

The following have been identified as key challenges:

1. Implementation of diversity strategies and admission of undergraduates directly into COE
2. Department Professional Development
3. Promote Collaborations (Eng. departments, Applied Physics Lab, Arts & Sciences, etc)