

İTÜ, Faculty of Mines, Department of Geophysical Engineering

CRITERION 3(A-K) OF ABET'S EC2000, ENGINEERING PROGRAMS MUST DEMONSTRATE THAT THEIR GRADUATES HAVE:

- (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;**
- (d) an ability to function on multi-disciplinary 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 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.**