Program Educational Objectives

A practicing mining engineer can:

Objective 1: Utilize their engineering, science, and computational skills to advance in their careers, including the ability to adapt to a future global minerals industry with new and unforeseen challenges

Objective 2: Utilize and continue to develop skills in communication, technical writing, leadership, and working effectively in teams

Objective 3: Engage in lifelong learning, including active engagement in professional organizations and the ability to pursue advance degrees in minerals-related technical fields, as well as fields that support the minerals industry such as environmental science, business, law, and international languages and cultures

Objective 4: Recognize and consider the importance of health, safety, communities, and the environment in a balanced approach to mineral resource development, and the importance of mining engineers in helping to achieve that balance

Objective 5: Possess high professional and ethical standards, including the effective management of tasks and projects through organization, planning, analysis of risks, scheduling, and the management of resources

Objective 6: Prepare for and attain licensure as a Professional Engineer, if so desired