Our Credo

Borne out of the broader vision of Colorado School of Mines, the FEA Professional Graduate Program is explicitly guided by the MINES@150 organizational goals. Indeed, FEA Pro has been built on the bedrock foundation of Mines’ core values for the specific purpose of contributing to the university’s educational mission.

We aspire to make FEA Pro the premier training program for applied finite element analysis, globally. We strive to realize this vision by focusing on our programmatic mission of delivering maximum value to our primary stakeholders, including program participants, our faculty, our external partners, and the Mines community. This Credo articulates the core principles and aims that guide the execution of our mission.

Program participants shall receive the highest quality, dedicated online training we are able to deliver, and we shall undertake continuous improvement of both the pedagogical and technological strategies used in FEA Pro. Our curriculum shall be informed by practical contemporary applications, and it will focus on maximizing participants’ proficiency and effectiveness with relevant computational tools in their chosen field.

FEA Pro faculty embody our human capital and we recognize them as the core asset that distinguishes our program among its peers. All members of the faculty shall endeavor to demonstrate active leadership in one or more fields of applied computational mechanics. Accordingly, they shall be encouraged and supported in the regular pursuit of professional development through activities such as scholarship, entrepreneurism, or technical training.

Our external partners in industry, government, and academia shall know FEA Pro as a reliable source of expertise, among both our graduates and our faculty, that may be called upon to support practical applications of computational mechanics across a wide range of fields.

The Mines community shall see FEA Pro as a source of pride, as a steadfast exemplar of the university’s mission and values, and as an innovative leader in online education.

To every stakeholder we emphatically state that we oppose all forms of bigotry and will take deliberate actions to combat it everywhere within FEA Pro. We believe that diversity, access, and inclusion are critical elements of the successful execution of our mission and they increase the benefits accrued by all stakeholders. We endeavor to proactively promote diversity, access, and inclusion throughout our program and, indeed, throughout Mines.

Anthony Petrella
Director, FEA Professional