



Universidad Autónoma del Estado de México

Competences of Graduates of Civil Engineering *Plan de Estudios F-19*

1. Identifying, formulating, and solving engineering problems through scientific, math, and engineering principles.
2. Analyzing, applying, and summarizing engineering design processes that lead to projects which meet specific needs and standards.
3. Developing and carrying out effective experiment practices as well as data analysis and interpretation using engineering knowledge to come to meaningful conclusions.
4. Communicating effectively with different conversational partners and people from different backgrounds.
5. Assuming ethical and professional responsibility in engineering-related situations that involve providing solutions to problems. Making informed decisions taking into consideration their economic impact and global effects.
6. Recognizing the need of keeping up-date in their area of knowledge; finding, evaluating, integrating and applying new information in a significant way.
7. Being good team players as well as being able to set goals, plan tasks, meet deadlines, manage risk, and deal with uncertainty.

Traducción: M. en Ed. Vanessa Avalos Ovando

