## Introduction to Software Engineering

# CMPS 2313

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1. What is the reason behind having a code of ethics for software engineering?

Since software has become a valuable property, software engineering is moving toward a more disciplined profession. Engineers must conduct their practices at some level of professionalism to ensure quality results

1. From the definition of software engineering, the areas touch upon are:
   * Technical and business processes
   * Specific methodologies and techniques
   * Product characteristics and metrics
   * People, skill, and teamwork
   * Project coordination and management

Prioritize your top three areas and explain your prioritization.

Software engineering came into practice partially due to the high rate of software project failures. They failures are largely attributed and related to budget, time. And functionality. All of these can be avoided with Project coordination, management, people, skill, teamwork, technical and business processes. The most important factors to project success are cited as “User involvement, Executive management support, Clear requirements and Proper planning.” I believe the top three areas I have chosen cover these factors adequately.

1. Which of the possible interpretations of the term ***quality*** in Davis’s first principle do you think is most important?

I think elegant design is the proper interpretation. A good design should naturally come with good response time and a wide variety of other products of high-quality design and planning. These can include but are not limited to maintainability, installability, usability, reusability, interoperability, and modifiability.