CE Program Educational Objectives

PEO1: Graduates successfully practice their professions in the field of Civil Engineering and Infrastructures with the government, industry and the private sectors, both in Thailand and in the Southeast Asian countries with ethics, professionalism, and professional engineering licensure and experiences.

PEO2: Graduates use leadership skills in their professional practice with confidence and responsibility to the communities and the public, preserving natural resources while maintaining a high level of integrity and mutual respect with others.

PEO3: Graduates continue to acquire new knowledge through self-learning skills and/or pursuing advanced studies. Some graduates employ their management and entrepreneurial skills and successfully deviate to other professions such as business and law.

CE Student Outcomes

Students from the CE program will attain the followings (by the time of graduation):

SO1: An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics

SO2: An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors

SO3: An ability to communicate effectively with a range of audiences

SO4: An ability to recognize ethical and professional responsibilities in engineering situations and make informal judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts

SO5: An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives

SO6: An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions

SO7: An ability to acquire and apply knowledge as needed, using appropriate learning strategies

Number of Enrolled Students and Graduates

Academic Year	Enrolled Students
2017	74
2018	98
2019	93
2020	100
2021	95
2022	78
2023	78

Academic Year	Graduates
2017	68
2018	67
2019	67
2020	66
2021	87
2022	84