



Electrical Engineer Student Outcomes

Universidad de Concepción

All graduates of the Electrical Civil Engineering program at the University of Concepción have:

1. An ability to identify, formulate and solve complex engineering problems by applying engineering, science, and mathematical principles.
2. An ability to apply engineering design to produce solutions considering public health, safety, welfare, global, cultural, social, environmental, and economic factors.
3. An ability to communicate effectively with a range of audiences
4. An ability to recognize ethical and professional responsibilities in engineering practice, and to make informed judgments, considering the impact of engineering solutions in a global, economic, environmental, and social context.
5. Ability to function effectively in a team promoting leadership, creating a collaborative and inclusive work environment, setting goals, planning tasks, and meeting objectives.
6. An ability to develop and conduct appropriate experimentation, data analysis, and interpretation and use engineering judgment to draw conclusions.
7. Ability to acquire and apply new knowledge, as required, through appropriate learning strategies.
8. An ability to manage human, material, and financial resources