

## Specific Student Outcomes: Basic Outcomes

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CODE	Basic Outcomes
<b>CE B1</b>	Ability to solve mathematic problems that may come up in engineering.  Ability to apply knowledge on: linear algebra, geometry, differential geometry, differential and integral calculus, differential equations, partial-differential equations, numeric methods, numeric algorithmic, statistics and optimization.
<b>CE B2</b>	Basic knowledge on using and programming computers, operating systems, databases and software used in engineering.
<b>CE B3</b>	Knowledge and command of basic concepts on the general laws of Mechanics, Thermodynamics, electromagnetic fields and waves, and its application to solve engineering problems.
<b>CE B4</b>	Knowledge and command of basic concepts on linear systems and related functions and transforms, theory of electrical circuits, electronic circuits, physical principles of semiconductors and logic families, electronic and photonic devices, materials technology and its application to solve engineering problems.
<b>CE B5</b>	Adequate knowledge of the concept of a company, and the institutional and legal framework of businesses. Business management. Marketing.