

## Specific Student Outcomes: BE Telecommunications Systems Engineering Outcomes

<b>Specific Student Outcomes</b>	
<b>CODE</b>	<b>BE TSE Outcomes</b>
<b>CE ST01</b>	Ability to build, utilize and manage telecommunication services and applications for the acquisition, transport, representation, processing, storage, management and presentation of multimedia information, from the point of view of transmission systems.
<b>CE ST02</b>	Ability to apply techniques on which telecommunication networks, services and applications are based, whether in fixed or mobile environments, personal, local or long distance areas, with different bandwidths, including telephony, radio broadcasting, television and data, from the point of view of transmission systems.
<b>CE ST03</b>	Ability to analyze components and their specifications for guided and non-guided communication systems.
<b>CE ST04</b>	Ability to select radiofrequency, microwave, radio broadcasting, radio link and radio localization circuits, subsystems and systems.
<b>CE ST05</b>	Ability to select aerials, equipment and transmission systems for guided and non-guided wave propagation, through electromagnetic, radiofrequency or optical channels. Ability to manage the associated radio electric space and frequency allocation.
<b>CE ST06</b>	Ability to analyze, encode, process and transmit multimedia information using analog and digital signal processing techniques.
<b>CE ST07</b>	Ability to carry out professional projects in the specific field of telecommunication technologies in which competences attained in the program have to be synthesized and integrated.

<b>Specific Student Outcomes</b>	
<b>CODE</b>	<b>Final Degree Project Outcomes</b>
<b>CE PFG</b>	Ability to present and defend, in front of a University Committee, an individually developed work consisting of a professional project in the specific field of Telecommunication Engineering technologies, which integrates and synthesizes the outcomes attained during the graduate formation period.