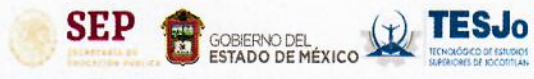


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|  | INFORMACIÓN REFERENTE A LA ACTUALIZACIÓN DEL DOCUMENTO EN EL SISTEMA (NO SE MODIFICA) | |
| | ELABORÓ: SUBDIRECCIÓN DE ESTUDIOS PROFESIONALES | Edición: 1 Fecha de Emisión: 01 de septiembre de 2023 Tipo de Formato: FO-TESJo-A Página 1 de 1 |
| STUDENT OUTCOMES FO-TESJo-204 | REVISÓ: REPRESENTANTE DE LA DIRECCIÓN | |
| | AUTORIZÓ: DIRECCIÓN ACADÉMICA | |

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|-----------------------------|---------------------------------|
| Educational Program: | Mechatronics Engineering |
|-----------------------------|---------------------------------|

Student Outcomes (SO)

| No. | Description |
|-----|---|
| SO1 | Identify, propose, and solve Mechatronics engineering problems using control and automation in the industrial sector. |
| SO2 | Apply, analyze, and synthesize design processes of Mechatronics engineering systems that result in projects that meet the specified needs. |
| SO3 | Develop and conduct appropriate experimentation; analyze and interpret data and use engineering judgment to draw conclusions. |
| SO4 | Develop and maintain automated and control systems, using cutting-edge technology in accordance with applicable regulations and safety techniques, to generate continuous improvements in production processes and using sustainability and environmental care strategies. |
| SO5 | Coordinate and direct multidisciplinary groups promoting collaborative work for the dissemination of Mechatronics projects, ensuring quality, efficiency, productivity and profitability with a sense of responsibility for their social, cultural and professional ethics environment. |
| SO6 | Design, develop and maintain engineering projects related to thermal systems, proposing solutions with forefront technology |
| SO7 | Research, train and use forefront information for the application of technologies based on industry 4.0, which provide solutions to Mechatronics problems. |



| Date of update of the Student Outcomes: | Vo. Bo. | | |
|---|---|--|---|
| March 31, 2022 | M. en C. José Martínez García Presidente de Academia | Ing. Eduardo Ortega Nava Jefatura de División | M. en C. Javier Molina González Subdirección de Estudios Profesionales |