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The Mechatronics and Electronics degree develops knowledge and skills needed for career progression in an automated Advanced Manufacturing environment where the integration of computers and electronic technologies control industrial systems and machines.

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The purpose of the Associate of Applied Science degree in Mechatronics and Electronics Technology is to provide employment-related knowledge and skills necessary to succeed as a professional in a chosen field of study.

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Students who complete an Associate of Applied Science Mechatronics and Electronics Technology are expected to:

- Know the subject matter appropriate to the emphasis of the degree. (WNC SLO 1,3,6,7)
- Communicate effectively and appropriately, in oral and written form. (WNC SLO 2)
- Locate, evaluate and properly utilize the tools and resources appropriate to a technology degree professional. (WNC SLO 1,6,7)
- Acquire skills and perform tasks necessary for employment or career enhancement. (WNC SLO 1,7)
- Develop an appreciation of the importance of social, ethical, legal and diversity issues. (WNC SLO 5,7)
- Develop an appreciation of the need and importance of lifelong learning. (WNC SLO 1)

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/ı " <<=	Electrical Theory DC	3
/ı " <=>	Introduction to AC Controls	3
/ı " <=?	Electric Motors & Drives	3
/ı " <; @	Programmable Logic Controllers I	3
/ı " <@	Industrial Robotics	3
" flı <<<	Fundamentals of Manufacturing and Automation I	3
" flı <<=	Fundamentals of Manufacturing and Automation II	3
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