

**Electronics and Electrical Technology Two Year AAS Sample Schedule (Fall Start)**

<p><b><u>Fall Year 1</u></b>                  ELEC-131 - 3 credits                  ELEC-133 - 3 credits                  MATH-120 - 4 credits                  ENGL-101 - 3 credits  <i>Total: 13 credits</i></p>	<p><b><u>Winter Year 1</u></b>                  ELEC-135 - 6 credits                  ELEC-139 - 6 credits                  ENGL-102 - 3 credits  <i>Total: 15 credits</i></p>	<p><b><u>Spring Year 1</u></b>                  MATH-140 - 3 credits                  Social Science (Gen Ed) - 3 credits    <i>Total: 6 credits</i></p>
<p><b><u>Fall Year 2</u></b>                  ELEC-233 - 6 credits                  ELEC-150 or RFID-180 - 3 credits                    COMS-170 - 3 credits                  ELEC-151 - 3 Credits OR    <i>Tech Elective (ELEC 151? TECH 110, ELEC 140?) - 3 Credits</i>  <i>Total: 15 credits</i></p>	<p><b><u>Winter Year 2</u></b>                  ELEC-235 - 6 credits                  ELEC-231 - 3 credits  <i>Tech Elective (ELEC 151? TECH 110, ELEC 140?) - 4 credits</i>    <i>Total: 13 credits</i></p>	<p><b><u>Questions or comments?</u></b>                  Contact Jason Slade                  810-232-7315                  jason.slade@mcc.edu                  RTC 2304    <b>Total Credits (2 yrs): 62</b></p>

**Electronics and Electrical Technology Two Year AAS Sample Schedule (Winter Start)**

<p><b><u>Winter Year 1</u></b>                  ELEC-131 - 3 credits                  ELEC-133 - 3 credits                  MATH-120 - 4 credits                  ENGL-101 - 3 credits  <i>Total: 13 credits</i></p>	<p><b><u>Spring Year 1</u></b>                  MATH-140 - 3 credits                  Social Science (Gen Ed) - 3 credits    <i>Total: 6 credits</i></p>	<p><b><u>Fall Year 1</u></b>                  ELEC-135 - 6 credits                  ELEC-139 - 6 credits                  ENGL-102 - 3 credits    <i>Total: 15 credits</i></p>
<p><b><u>Winter Year 2</u></b>                  ELEC-231 - 3 credits                  ELEC-235 - 6 credits                    ELEC-150 or RFID-180 - 3 credits      <i>Total: 12 credits</i></p>	<p><b><u>Fall Year 2</u></b>                  ELEC-233 - 6 credits                  ELEC-151 - 3 Credits OR  <i>Tech Electives (ELEC 151? TECH 110, ELEC 140?) - 7 credits</i>                  COMS-170 - 3 credits    <i>Total: 16 credits</i></p>	<p><b><u>Questions or comments?</u></b>                  Contact Jason Slade                  810-232-7315                  jason.slade@mcc.edu                  RTC 2304    <b>Total Credits (2 yrs): 62</b></p>

When are ELEC courses offered?

What are the prerequisites?

Course Number	Course Title	Semesters Offered	Credits	Prerequisites
ELEC-131	Residential Wiring	Fall / Winter / (Spring)*	4 contact / 3 credit / 8 week course except in Spring	NONE
ELEC-133	Electrical Circuits	Fall / Winter / (Spring)*	4 contact / 3 credit / 8 week course except in Spring	ELEC-131
ELEC-135	Electronic Components and Applications	Fall / Winter	8 contact / 6 credit / 16 week	ELEC-131 / ELEC-133
ELEC-139	Logical Control Systems	Fall / Winter	8 contact / 6 credit / 16 week	ELEC-131 / ELEC-133
ELEC-150	National Electric Code	Fall / Winter	3 contact / 3 credit / 16 week	ELEC-131 / ELEC-133
ELEC-151	Electrical Sizing and Fundamentals	Fall* (Subject to change)	3 contact / 3 credit / 16 week	ELEC 150
ELEC-231	Fundamentals of Labview	Winter	4 contact / 3 credit / 16 week	ELEC-135 / ELEC-139
ELEC-233	Embedded Controllers	Fall	8 contact / 6 credit / 16 week except in spring	ELEC-135 / ELEC-139
ELEC-235	Industrial Electronics	Winter	8 contact / 6 credit / 16 week except in spring	ELEC-135 / ELEC-139

1. Try to take your General Education classes in the spring / summer!!!
2. Student needs to meet with coordinator to determine which course will be offered in a give spring.
3. Spring classes will be added based on student need. For example, if there is a need for 233 in the spring, we can add it. However, do not plan on it.