

**Mechanical Engineering - Mechatronics Certificate (C40320E) – 18 Credit Hours****2022-2023**

<b>Fall</b>				
<b>Course Number</b>	<b>Course Name</b>	<b>Lec</b>	<b>Lab</b>	<b>Credit</b>
MAC 121	Introduction to CNC (A)	2	0	2
MEC 145	Manufacturing Materials I	2	3	3
DFT 151	CAD I (A)	2	3	3
<b>Total</b>				<b>8</b>

<b>Spring</b>				
<b>Course Number</b>	<b>Course Name</b>	<b>Lec</b>	<b>Lab</b>	<b>Credit</b>
ELC 117	Motors and Controls (A)	2	6	4
ELC 128	Intro to PLC	2	3	3
HYD 110	Hydraulics/Pneumatics (A)	2	3	3
<b>Total</b>				<b>10</b>

(A) – Students may receive credit for this course by successfully completing the articulated non-credit course, or submitting evidence of an articulated industry certification.  
See: <https://spcc.edu/credit-articulation-at-spcc/>