



Career Studies include variable length programs for students. Options amount to the equivalent of one or more semesters of full-time community college work (9-29 credits).

To be admitted to a Career Studies Certificate Program, one must meet the general requirements for admission to the College. Some courses may require prerequisites or demonstrated entry-level proficiency.

Career Studies (221-820-01)

Energy Technology

		<i>Lec</i>	<i>Lab</i>	<i>Crse</i>
		<i>Hrs.</i>	<i>Hrs.</i>	<i>Cr.</i>
MTH 105	Technical Math I	2	0	2
SDV 100	College Success Skills	1	0	1
AIR 281	Energy Management I	2	3	3
ELE 140	Basic Elec & Machinery	3	2	4
ETR 218	Industrial Elec Circuits	3	3	4
ENE 105	Solar Thermal Active and Passive Technology	3	3	4
ENE 230 ¹	Geothermal Applications	3	3	4
ENE 110 ¹	Solar Power-Photovoltaic	3	3	4
ELE 178 ¹	Wind Power Generation	2	2	3
Total				29

29 credits required to graduate

¹Prerequisite ELE 157 or equivalent

Contact

Mr. Tommy Clements, Mr. Thomas Bush
Location: Armory

Career Studies (221-820-06)

HVAC Emphasis

		<i>Lec</i>	<i>Lab</i>	<i>Crse</i>
		<i>Hrs.</i>	<i>Hrs.</i>	<i>Cr.</i>
MTH 105	Technical Math I	2	0	2
SDV 100	College Success Skills	1	0	1
AIR 205	Hydronics and Zoning	3	3	4

AIR 281	Energy Management I	2	3	3
ELE 140	Basic Elec & Machinery	3	2	4
ENE 105	Solar Thermal Active and Passive Technology	3	3	4
ENE 230 ¹	Geothermal Applications	3	3	4
Total				22

22 credits required to graduate

¹Prerequisite ELE 140 or equivalent

Contact

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Career Studies (221-820-05)

Electrical Emphasis

		<i>Lec</i>	<i>Lab</i>	<i>Crse</i>
		<i>Hrs.</i>	<i>Hrs.</i>	<i>Cr.</i>
MTH 105	Technical Math I	2	0	2
SDV 100	College Success Skills	1	0	1
AIR 281	Energy Management I	2	3	3
ELE 140	Basic Elec & Machinery	3	2	4
ELE 239	Programmable Controllers	3	0	3
ENE 110 ¹	Solar Power-Photovoltaic	3	3	4
ELE 178	Wind Power Generation	2	2	3
Total				20

20 credits required to graduate

¹Prerequisite ELE 140 or equivalent

Contact

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