



# Heating, Ventilation, & Air Conditioning (HVAC)-SD (2024-2025 Catalog)

<input type="checkbox"/>	MATH020	Pre-Algebra
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Placement in English and/or Mathematics are not required for this program; however, if a student chooses to change their major to pursue another degree program, this information may be necessary. In this case, official transcripts and/or placement testing would be needed. Developmental education courses are only taken, if needed, based on a student's placement for programs that require math/English.

Transferring credits into NCC: Official transcripts are required; awarded credit will appear in Workday's Academic Progress.

	complete	Course #	Course Title	Credits	Prerequisites / Corequisites
Semester 1	<input type="checkbox"/>	COLS101	College Success	1	Exempt: COLS150 or 12+ transfer credits & 2.0 GPA
	<input type="checkbox"/>	ELTC101	Electrical Fundamentals	3	
	<input type="checkbox"/>	EMEC114	Mechanical Skill for the Trades	2	
	<input type="checkbox"/>	HVAC101	Fundamentals of HVAC/R I	4	PRE/CO: ELTC101
	<input type="checkbox"/>	MATH103	Technical Mathematics	3	PRE: MATH020 w/C or MATH Placement
	<input type="checkbox"/>	OSAH101* or OSAH102	Construction Industry Outreach Safety Education or General Industry Outreach Safety Education	1	*OSAH101 is recommended.
		Total Semester Credits:		14	
Semester 2	<input type="checkbox"/>	CMGT104	Construction Print Reading	3	
	<input type="checkbox"/>	ELTC107	Electrical Wiring I	3	PRE: ELTC101
	<input type="checkbox"/>	HVAC102	Fundamentals of HVAC/R II	3	PRE: ELTC101, HVAC101
	<input type="checkbox"/>	HVAC124	Heating, Gas, Oil, Solar, Thermal, Air & Hydronic Systems	4	PRE: ELTC101
	<input type="checkbox"/>	HVAC140	Heat Pump Systems	2	PRE: ELTC101, HVAC101
		Total Semester Credits:		15	
Total Degree Credits				29	

**Program Notes:**

In conjunction with HVAC101, the non-credit seminar/testing session: ACRNC107-EPA Refrigerant Usage Certification is scheduled.

**\*It is the student's responsibility to be knowledgeable of NCC graduation requirements and, if applicable, to verify transfer requirements with the 4-year institution. Courses listed on the program map are based upon the assumption that prerequisites and courses taken in previous semesters will be successfully completed.**