**Educational Requirements:** Employers prefer to hire individuals with technical school or apprenticeship training. Many technical schools and community colleges offer 6-month to 2-year programs in heating, air-conditioning and refrigeration.

**Job Titles**

- Heating, Air Conditioning and Refrigeration Mechanics
- Heating, Air Conditioning and Refrigeration Installers

**Employment Outlook**

In 2008, heating, air-conditioning and refrigeration mechanics and installers held about 308,200 jobs in the United States. Fifty-four percent were employed by plumbing, cooling and heating contractors. Employment in this industry is expected to grow much faster than average through 2018. The demand for climate-control systems will increase as concern for improved indoor air quality grows. Job prospects will be best for those with technical school or apprenticeship training.

Employment prospects for persons entering the HVAC industry in Missouri should be good through 2016. Employment is expected to rise three percent per year through 2016. In 2008, there were 6,260 persons employed as heating, air-conditioning and refrigeration mechanics and installers in Missouri and this number is expected to rise to 7,200 by 2016. It is estimated that there will be 200 job openings per year.

Approximately 21% of all persons working in this industry in Missouri are employed in the Kansas City area. It is estimated that employment for heating, air-conditioning and refrigeration mechanics and installers in Kansas City will increase four percent and there will be about 41 job openings per year.


The Office of Research and Planning 15.0699 7/10
Program: A.A.S. HVAC
CIP Code: 15.0699

This is a 62 credit hour certificate program that can be completed in four semesters if a student attends full-time (15 to 16 credit hours per semester in this case).

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Companies that employed graduates from this program: B-6 Solutions, Downs Budget Heating and Cooling, Ford Motor Company, Kessinger Hunter Management Co, Lear Corporation, Quality Design and Landscape, United Metal Spinners

**Note:** Time to completion involves looking at the number of semesters a typical student enrolls in order to complete the program requirements. The number of semesters is influenced by the number of credit hours a student enrolls in each semester. The number of credit hours a student enrolls in is reflective of each individual student’s time, motivation and/or personal commitments.
Program: HVAC Certificate
CIP Code: 15.0699

This is a 42 credit hour certificate program that can be completed in three semesters if a student attends full-time (14 credit hours per semester in this case).

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Salary

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Time to Completion

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Note: Time to completion involves looking at the number of semesters a typical student enrolls in order to complete the program requirements. The number of semesters is influenced by the number of credit hours a student enrolls in each semester. The number of credit hours a student enrolls in is reflective of each individual student's time, motivation and/or personal commitments.
Program: HVAC Certificate - Job Ready  
CIP Code: 15.0699

This is a 23 credit hour certificate program that can be completed in two semesters if a student attends full-time (approximately 12 credit hours per semester in this case).

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Salary

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Time to Completion

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Note: Time to completion involves looking at the number of semesters a typical student enrolls in order to complete the program requirements. The number of semesters is influenced by the number of credit hours a student enrolls in each semester. The number of credit hours a student enrolls in is reflective of each individual student's time, motivation and/or personal commitments.