

# RS - REFRIGERATION SERVICE APPRENTICESHIP

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**RS 101 - Refrigeration/Service 1st Year Apprenticeship                      Units: 6**

This is the first year course for individuals in the Refrigeration Servicing (HVAC) program. This course is taken twice in the first year. The total embedded material is covered when this course is taken twice in one year. This course satisfies 45 hours of instruction toward specified programs and certificates for AAS Human Relations General Education requirements. This course satisfies 50 hours of instruction toward specified programs and certificates for AAS Math/Quantitative Reasoning General Education requirements.

*Transferability: May not transfer towards an NSHE bachelor's degree*

**RS 151 - Refrigeration/Service 2nd Year Apprenticeship                      Units: 6**

This is the 2nd year course for individuals in the Refrigeration Servicing (HVAC) program. The course will cover: safety, cooling A/C I, refrigeration I and brazing and soldering. This course is a continuation of RS 101. This course is taken twice in the second year. The total embedded content is covered when this course is taken twice. This course satisfies 20 hours of instruction toward specified programs and certificates for AAS Math/Quantitative Reasoning General Education requirements. This course satisfies 45 hours of instruction toward specified programs and certificates for AAS Science/Quantitative Reasoning General Education requirements.

*Transferability: May not transfer towards an NSHE bachelor's degree*

*Enrollment Requirements: Prerequisite: RS 101*

**RS 201 - Refrigeration/Service 3rd Year Apprenticeship                      Units: 6**

It is the 3rd year course for individuals in the Refrigeration Servicing (HVAC) program. This course is taken twice in the third year. This course is a continuation of RS 151. The course will cover: air balance, venting, controls II and heating II.

*Transferability: May not transfer towards an NSHE bachelor's degree*

*Enrollment Requirements: Prerequisite: RS 151*

**RS 251 - Refrigeration/Service 4th Year Apprenticeship                      Units: 6**

This is the fourth year course for individuals in the Refrigeration Servicing (HVAC) program. This course is taken twice in the fourth year. The course will cover: troubleshooting, electricity I and II and metering devices. This course is a continuation of RS201.

*Transferability: May not transfer towards an NSHE bachelor's degree*

*Enrollment Requirements: Prerequisite: RS 201*

**RS 291 - Refrigeration/Service 5th Year Apprenticeship                      Units: 6**

This is the fifth-year course for individuals in the Refrigeration Servicing (HVAC) program. This course is taken twice in the fifth year. The fifth year wraps up the training of an HVAC Service Technician by supplying them with the final knowledge they will need to successfully navigate through their career in the field and in the trade. Being able to read jobsite documents, interpret them and effectively communicate and provide oversight of the other workers are key elements of a successful journey worker. Obtaining certifications and industry recognized credentials are a vital assessment of a worker's preparedness to work independently.

*Enrollment Requirements: Prerequisite: RS 251*