

S-2 Heating and Cooling Apprenticeship

COURSES (EACH COURSE IS 36 HOURS)	Course number
FIRST YEAR COURSES:	
Basic Math Computations	A0001
Blueprint Reading	A0031
OSHA-30 (eff. 9/1/13)	A0099
Oil Burner Fundamentals	A0783
Refrigeration Fundamentals	A0781
SECOND YEAR COURSES:	
Heating Fundamentals	A0784
HVAC Math	A0006
Electrical Fundamentals	A0782
HVAC Sheet Metal Theory I	A2901
Brazing, Cutting and Metallurgy	A2113
THIRD YEAR COURSES:	
Heating- Hydronic and Steam	A0789
Refrigeration, Domestic Commercial and Special Systems	A0721
Air Conditioning	A0785
Oil Burner Controls & Servicing	A0791
SMACNA	A2906
FOURTH YEAR COURSES:	
EPA Refrigerant Standards	A0787
HVAC Sheet Metal Theory II*	A2902
Forced Air Heating and Cooling	A0790
International Mechanical Code	A0729
Related Codes and Standards	A0730

* May substitute Welding II A2102

B-2 Oil Burner Servicer/Installer Apprenticeship

COURSES (EACH COURSE IS 36 HOURS)	Course number
FIRST YEAR COURSES:	
Basic Math Computations	A0001
OSHA-30 (eff. 9/1/13)	A0099
Oil Burner Fundamentals	A0783
Electrical Fundamentals	A0782
SECOND YEAR COURSES:	
Heating Fundamentals	A0784
Related Codes and Standards	A0730
Oil Burner Controls and Servicing	A0791

B-4 Oil Burner Servicer/Installer Apprenticeship (unlimited)

COURSES (EACH COURSE IS 36 HOURS)	Course number
FIRST YEAR COURSES:	
Basic Math Computations	A0001
Blueprint Reading	A0031
OSHA-30 (eff. 9/1/13)	A0099
Oil Burner Fundamentals	A0783
Electrical Fundamentals	A0782
SECOND YEAR COURSES:	
Heating Fundamentals	A0784
Related Codes and Standards	A0730
International Mechanical Code	A0729
Oil Burner Controls and Servicing	A0791

S-4 Heating Mechanic Apprenticeship

S-6 Limited Heating Mechanic Apprenticeship

S-8 Limited Heating Mechanic Apprenticeship

COURSES (EACH COURSE IS 36 HOURS)	Course number
FIRST YEAR COURSES:	
Basic Math Computations	A0001
Blueprint Reading	A0031
OSHA-30 (eff. 9/1/13)	A0099
HVAC Math	A0006
SECOND YEAR COURSES:	
Heating Fundamentals	A0784
Electrical Fundamentals	A0782
Oil Burner Fundamentals	A0783
Brazing, Cutting and Metallurgy	A2113
THIRD YEAR COURSES:	
Heating- Hydronic and Steam	A0789
Welding II	A2102
Oil Burner Controls and Servicing	A0791
SMACNA	A2906
FOURTH YEAR COURSES:	
HVAC Sheet Metal Theory I	A2901
Related Codes and Standards	A0730
HVAC Sheet Metal Theory II	A2902
International Mechanical Code	A0729

S-10 Limited Heating and Cooling Apprenticeship

COURSES (EACH COURSE IS 36 HOURS)	Course number
FIRST YEAR COURSES:	
Basic Math Computations	A0001
Blueprint Reading	A0031
OSHA-30 (eff. 9/1/13)	A0099
HVAC Math	A0006
Oil Burner Fundamentals	A0783
Refrigeration Fundamentals	A0781
SECOND YEAR COURSES:	
Heating Fundamentals	A0784
Electrical Fundamentals	A0782
Oil Burner Controls and Servicing	A0791
Air Conditioning	A0785
Heating- Hydronic and Steam	A0789
THIRD YEAR COURSES:	
Brazing, Cutting and Metallurgy	A2113
Refrigeration, Domestic Commercial and Special Systems	A0721
Forced Air Heating and Cooling	A0790
International Mechanical Code	A0729
Related Codes and Standards	A0730

D-2 Warm Air Heating and Cooling Apprenticeship

COURSES (EACH COURSE IS 36 HOURS)	Course number
FIRST YEAR COURSES:	
Basic Math Computations	A0001
Blueprint Reading	A0031
OSHA-30 (eff. 9/1/13)	A0099
HVAC Math	A0006
Electrical Fundamentals	A0782
Refrigeration Fundamentals	A0781
SECOND YEAR COURSES:	
HVAC Sheet Metal Theory I	A2901
Air Conditioning	A0785
Heating Fundamentals	A0784
Forced Air Heating and Cooling	A0790
International Mechanical Code	A0729
Related Codes and Standards	A0730

D-4 Refrigeration Mechanic Apprenticeship

COURSES (EACH COURSE IS 36 HOURS)	Course number
FIRST YEAR COURSES:	
Basic Math Computations	A0001
Blueprint Reading	A0031
OSHA-30 (eff. 9/1/13)	A0099
Refrigeration Fundamentals	A0781
Electrical Fundamentals	A0782
SECOND YEAR COURSES:	
Brazing, Cutting and Metallurgy	A2113
EPA Refrigerant Standards	A0787
Refrigeration, Domestic, Commercial and Special Systems	A0721
International Mechanical Code	A0729
Welding II	A2102

SM-2 Sheet Metal Apprenticeship

COURSES (EACH COURSE IS 36 HOURS)	Course number
FIRST YEAR COURSES:	
Basic Math Computations	A0001
OSHA-30 (eff. 9/1/13)	A0099
HVAC Math	A0006
Brazing, Cutting and Metallurgy	A2113
SECOND YEAR COURSES:	
Blueprint Reading	A0031
HVAC Sheet Metal Theory I	A2901
Welding I	A2101
HVAC Sheet Metal Theory II	A2902
THIRD YEAR COURSES:	
HVAC Sheet Metal Layout I	A2904
Welding II	A2102
SMACNA	A2906
HVAC Sheet Metal Layout II	A2905
FOURTH YEAR COURSES:	
Forced Air Heating & Cooling	A0790
International Mechanical Code	A0729
Related Codes and Standards	A0730