

CURRICULUM GUIDE

Setting a path for your future education!



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FIVE-YEAR HVAC APPRENTICESHIP

FIRST YEAR OF APPRENTICESHIP

Basic Mathematics	20	Basic Electricity	20
Basic Refrigeration & AC I	60	OSHA-30	30
UA Heritage	10	First Aid/CPR	12
Copper Tube Soldering/Brazing	20	Shop & Computer Lab	78

SECOND YEAR OF APPRENTICESHIP

EPA 608 Universal Certification	20	Customer Relations	10
Electric II	40	Shop & Computer Lab	110
Refrigeration & AC II	40	A2L/A3 Refrigerants	10

THIRD YEAR OF APPRENTICESHIP

Control Theory	20	Refrigeration & AC III	40
Servicing & Electrical Troubleshoot	40	Shop & Computer Lab	80
New Technologies	10	Rigging/Signal Qualification	15

FOURTH YEAR OF APPRENTICESHIP

Steam Systems	20	Heat Pump Fundamentals	20
Hydronics/Controls	20	Mechanical/Electrical Systems	40
Oil Heat	20	Shop and Computer Lab	80

FIFTH YEAR OF APPRENTICESHIP

AC Applications & Theory	20	Chilled Water Technologies	40
Building Automation Fundamentals	10	UA S.T.A.R. Test Prep	20
Applied Systems	20	Shop and Computer Lab	90
Advanced A/C Principles	10		

NOTES

Total Hours
Classroom - 1,105
On-The-Job - 9,000