



# STARK STATE COLLEGE

## GENERAL SYLLABUS

### Course Information

**Course Name:** HVAC Principles I  
**Course Number:** HVC121

### Required Materials

**Textbook(s):** AHRI Fundamentals of HVACR 3rd Edition by Stanfield & Skaves  
**Required Readings:** None  
**Additional Materials:** None

### Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

Week	Chapter/Topic/Lab
1	Unit 1 Introduction to Heating, Ventilation, Air Conditioning, and Refrigeration Quiz Unit 2 Being a Professional HVACR Technician Quiz Unit 3 Safety Unit 4 Hand and power tools Unit 3&4 Quiz
2	Units 5 Fasteners Exam 1
3	Unit 6 Measurement Quiz Unit 7 Properties of Matter Quiz Unit 8 Types of Energy Unit 9 Thermodynamis Unit 8&9 Quiz
4	Unit 10 Pressure and Vacuum Quiz Unit 30 Electrial Safety Exam 2

<b>Week</b>	<b>Chapter/Topic/Lab</b>
5	Unit 42 Fundamentals of Psychrometrics and Airflow Quiz Unit 43 Air Filters Quiz
6	Unit 44 Ventilation and Dehumidification Quiz Unit 50 Principles of Combustion and Safety Quiz
7	Unit 69 Principles of Combustion and Safety Quiz Unit 70 Green Buildings and Systems Exam 3
8	Unit 71 Indoor Air Quality Final Exam