

Air Conditioning & Refrigeration II

(Refrigeration II)

Part II from Entry-Level Curriculum

-

Refrigeration II is a continuation from the Basic-Entry level class that picks up on unit 13 and continues to unit 24 in the same textbook. The objective to be included but not limited too are as follows.

1. Introduction to Automatic Controls. (6 hours)
2. Control Components and Applications. (4 hours)
3. Troubleshooting Basic Controls. (4 hours)
4. Electronic and Programmable Controls. (3 hours)
5. Types of Electric Motors. (3 hours)
6. Application of Electric Motors. (3 hours)
7. Motor Controls. (3 hours)
8. Troubleshooting Electric Motors. (2 hours)
9. Commercial Refrigeration Systems and Controls. (5 hours)
10. Compressors and Expansion Devices. (4 hours)

Prerequisite: Air Conditioning & Refrigeration I