

Air Conditioning and Refrigeration Technology Certificate Program



This certificate is designed for students employed in some area of work related to air conditioning and refrigeration, often in entry-level positions. The students improve their technical knowledge and advance in their various work areas such as building or facility stationary engineers, repair technicians, construction of systems (contractors), drafting and design, or technical sales work of air conditioning equipment.

Requirements for the Certificate of Completion

Students may obtain the Certificate of Completion in Air Conditioning and Refrigeration by completing the following courses with the average final grade of C or higher.

(The Engineering and Technology Department may require students who have had limited training and experience in air conditioning and refrigeration to complete additional courses before awarding the Certificate of Completion)

ET 135A - Fundamentals of Air Conditioning and Refrigeration
(the psychometrics of air and water- vapor mixtures)

ET 135B - Fundamentals of Air Conditioning and Refrigeration
(cooling loads and heat transfer equipment)

ET 135C - Fundamentals of Air Conditioning and Refrigeration
(the refrigeration cycle)

ET 139C -Engineered Plumbing Systems (review of fluid mechanics)

Engineering and Technology Department

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