ARE 470 : Building Automation and Control

This course provides an integrated system approach to understanding building automation and control systems and their applications to building services. It covers the architecture, communication methods, and application software of modern building automation and control systems, and provides good working knowledge of how to specify, design, install, commission, operate, and maintain building automation and control systems. Application areas will include air-conditioning systems, fire detection and suppression systems, security systems, lighting systems, vertical transport systems and other essential building services. The lectures will be complemented by hands-on training sessions in labs.

Credits 3
Lab Hours 0
Lecture Hours 3
Tutoring Hours 0
Prerequisite Courses
ARE 313