

2024-25 ACADEMIC COURSES

EWA 200: MOTORS AND CONTROLS

Students will learn to identify various motor types by their construction and component parts and will learn the operating characteristics of common types of motors that are currently in use in most types of buildings. Reading and understanding nameplate data is presented as a fundamental need for the installation and maintenance of motors. Students will learn to develop control circuits using ladder diagrams to construct complex controls incorporating time delay, interlocking, reversing, plugging, jogging and other fundamental control circuits. Limited to IBEW 252 Apprentices. Level I Prerequisite: Academic Reading and Writing Levels of 6

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Description	Hours
Credits	3
Lecture Hours	45
Clinical Hours	0
Lab Hours	0
Other Hours	0
Total Hours	45

Accurate as of 03/26/2025 Information is subject to change without notice.