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## 2022-23 ACADEMIC COURSES

### EWA 190: TRANSFORMERS AND ELECTRICAL SAFETY

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The student will learn about OSHA requirements on construction work sites and the proper selection of the proper personal protective equipment and clothing. Electrical safety culture will be discussed and related to transformers which are the most common source of electrical energy in any building. Arc fault current calculations will be presented as part of NFPA 70E requirements for determining safe approach distances for energized equipment. Limited to IBEW 252 Apprentices.

**Level I Prereq:** Academic Reading and Writing Levels of 6

Description	Hours
Credits	2
Lecture Hours	30
Clinical Hours	0
Lab Hours	0
Other Hours	0
Total Hours	30

Accurate as of 08/12/2022 Information is subject to change without notice.