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## 2024-25 ACADEMIC COURSES

### EWA 130: DC THEORY

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Students study the basic structure of the atom and how current flow occurs in conductor materials. Circuit analysis techniques are applied to series, parallel, and combination circuits. Also covered is an introduction to generation of electricity using the principles of magnetism and electromagnetism. 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 07/12/2024 Information is subject to change without notice.