

4th YEAR SYLLABUS

| Syllabus number | Title | Book Number | Lesson |
|-------------------|---|-------------|--------|
| Section 3 | | | |
| 18 | Introduction to Photovoltaic Systems | J 230.I | 1 |
| 19 | Fundamentals of Solar Radiation | J 230.I | 2 |
| 20 | Solar Radiation Data and Measurements | J 230.I | 4 |
| 21 | Site Surveys and Planning | J 230.I | 5 |
| 22 | Photovoltaic Systems and Components | J 230.I | 6 |
| 23 | Fundamentals of Photovoltaic Devices | J 230.I | 7 |
| 24 | Photovoltaic Modules and Arrays | J 230.I | 8 |
| 25 | Inverters | J 230.I | 11 |
| 26 | Electrical Integration I | J 230.I | 14 |
| 27 | Utility Interconnection | J 230.I | 16 |
| Section 4 | | | |
| 28 | General Requirements for Health Care Facilities | J 260.H | 2 |
| 29 | Electrical Wiring and Protection | J 260.H | 3 |
| 30 | Patient Care Locations | J 260.H | 4 |
| 31 | Protection Techniques and Methods | J 260.H | 5 |
| 32 | Essential Electrical Systems for Health Care Facilities | J 260.H | 6 |
| 33 | Essential Electrical Systems – Nursing Homes, Limited Care Facilities, and Other Health Care Facilities | J 260.H | 7 |
| 34 | Installing Electrical Services II | J 236.H | 13 |
| 35 | Pools, Fountains, and Similar Locations | J 236.H | 14 |
| 36 | Understanding Emergency Systems Installation Requirements | J 236.H | 15 |
| 37 | Over 600-Volt Installations | J 236.H | 16 |
| 38 | Remote Control, Signaling and Power Limited Circuits | J 236.H | 17 |
| Extra Work | | | |
| Code | Unit 7 100 Practice Questions | Handout | |
| Code | Unit 8 100 Practice Questions | Handout | |
| Code | Unit 9 100 Practice Questions | Handout | |
| Code | Unit 10 100 Practice Questions | Handout | |
| Code | Introduction to Electrical Load Calculations | J 227.H | 11 |
| Code | Calculating the Parameters of Range Loads | J 227.H | 12 |
| Code | Calculating the Parameters of Residential Loads | J 227.H | 13 |
| Code | Calculating the Parameters of Multifamily Loads | J 227.H | 14 |
| Code | Calculating the Parameters of Commercial Loads | J 227.H | 15 |



All of your hard work is finally coming to fruition. Don't forget your clubs

