

ELEC - ELECTRICAL APPRENTICESHIP

ELEC 101 - Electrician 1st Year Apprenticeship **Units: 6**

This is a first-year course for individuals in all of the No. Nevada electrical apprenticeship programs. This course is taken twice in the first year. The total embedded material is covered when this course is taken twice in one year. This course satisfies 45 hours of instruction toward specified programs and certificates for AAS Human Relations General Education requirements. This course satisfies 45 hours of instruction toward specified programs and certificates for AAS Math/Quantitative Reasoning General Education requirements. This course satisfies 20 hours of instruction toward specified programs and certificates for AAS Science/Quantitative Reasoning General Education requirements.

Transferability: May not transfer towards an NSHE bachelor's degree

ELEC 151 - Electrician 2nd Year Apprenticeship **Units: 6**

This is a second-year course for individuals in all of the No. Nevada electrical apprenticeship programs. This course is taken twice in the second year. The total embedded material is covered when this course is taken twice in second year. This course satisfies 25 hours of instruction toward specified programs and certificates for AAS Science/Quantitative Reasoning General Education requirements.

Transferability: May not transfer towards an NSHE bachelor's degree

Enrollment Requirements: Prerequisite: ELEC 101

ELEC 201 - Electrician 3rd Year Apprenticeship **Units: 6**

This is a third-year course for individuals in all of the No. Nevada electrical apprenticeship programs. This course will be taken twice in the third year.

Transferability: May not transfer towards an NSHE bachelor's degree

Enrollment Requirements: Prerequisite: ELEC 151

ELEC 251 - Electrician 4th Year Apprenticeship **Units: 6**

This is a Fourth-year course for individuals in all of the No. Nevada electrical apprenticeship programs. This course will be taken twice in the fourth year. Atomic safety; leadership development; basic electronics – vacuum tubes, solid state devices, semi-conductors, rectifiers, filter circuits, amplifiers and power supplies, emergency lighting circuits; Nat. Elect. Code; special transistor circuits; static control logic circuits; instrumentation – electrical, temperature and pressure; static control circuit analysis. General review of courses ELEC 101 through ELEC 201.

Transferability: May not transfer towards an NSHE bachelor's degree

Enrollment Requirements: Prerequisite: ELEC 201

ELEC 291 - Electrician 5th Year Apprenticeship **Units: 6**

This is a fifth-year course for individuals in all of the No. Nevada electrical apprenticeship programs. This course will be taken twice in the fifth year.

Transferability: May not transfer towards an NSHE bachelor's degree

Enrollment Requirements: Prerequisite: ELEC 251