

CPT - CARPENTER APPRENTICESHIP

CPT 101 - Carpentry 1st Year Apprenticeship **Units: 6**

This course is the first year course for individuals in the building trades' Carpenter apprenticeship program. History of the Carpentry trade and apprenticeship program, trade mathematics, care and use of hand and power tools, building materials, hardware, construction sketching, foundations, footings, wall and floor framing. 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.

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

CPT 151 - Carpentry 2nd Year Apprenticeship **Units: 6**

This course is the second year course for individuals in the building trades' Carpenter apprenticeship program. Interior and exterior trim -- door and window frames, sash, doors, hardware and related materials and building codes. Intermediate blueprint reading and sketching, roof construction and industrial labor relations. This course is taken twice in the second year.

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

Enrollment Requirements: Prerequisite CPT 101

CPT 201 - Carpentry 3rd Year Apprenticeship **Units: 6**

This course is the third year course for individuals in the building trades' Carpenter apprenticeship program. This course is taken twice in the second year. Stair building -- layout and construction of stairways and the study of problems attendant to headroom and well openings. Heavy timber and concrete construction -- pre-cast, pre-stressed and post-stressed. Cabinetmaking -- materials, hardware, joints, fasteners, machine processes and installation. Advanced blueprint reading and sketching.

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

Enrollment Requirements: Prerequisite CPT 151

CPT 251 - Carpentry 4th Year Apprenticeship **Units: 6**

This course is the fourth year course for individuals in the building trades' Carpenter apprenticeship program. This course is taken twice in the fourth year. Basic welding and cutting -- oxy-acetylene and arc. Cost analysis and estimating -- material take-off, labor costs, bid preparation bonds and legal responsibilities. Construction financing, human relations in industry and general review of courses CPT 101 through CPT 201.

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

Enrollment Requirements: Prerequisite CPT 201