This program is designed to provide entry level knowledge and hands-on skills required for employment in the construction industry. Once the program is successfully completed, it provides an excellent background for those desiring to enter the apprenticeship program. Instruction includes rough framing and finishing. The Construction Academy Program has been incorporated into the program to provide a career pathway for high school students from all Kauai High Schools. This program offers an AAS Degree and a Certificate of Achievement.
Carpentry Technology

RECOMMENDED PREPARATION:

SKILLS AND APTITUDES GAINED:
Students who successfully complete the program will be able to demonstrate the following skills:
- The ability to read a blueprint and negotiate through the drawings to layout a project.
- The proper selection of materials for a given project.
- The ability to maintain and care for the tools required in the carpentry industry.
- The safety procedures necessary to assess a task for hazards and the steps required to meet OSHA and State safety regulations.
- The ability to communicate successfully in writing, orally and with computer technology.
- The commitment to craftsmanship including the use of sustainable construction practices, dependability and punctuality, and pride in accomplishments.

WAGES:
Enter level wages range from $2800 to $3800 per month. Part-time workers earn from $10 to $15 per hour.

POTENTIAL EMPLOYERS OF GRADUATES INCLUDE:
- Contractors-Residential and Commercial
- Construction Trades
- County of Kauai: Dept. of Public Works
- State of Hawai‘i: Dept. of Accounting and General Services, Dept. of Transportation

Admission Requirements

Program prerequisites:
(1) Placement in ENG 21 or higher and qualified for MATH 50 or higher;
(2) Approval of instructor.

The program also prepares the graduate for new projected jobs in energy conservation and sustainable building with insight into the National Association of Home Builders Certified Green Professional ratings.

Mathematics:
- MATH 50 Technical Mathematics I 3
- Communication (One of the following) 3
  - BUS 130; COM 210; ENG 21; ENG 22;
  - ENG 100; ENG 106; SP 20; SP 151; SP 231
- Cultural Environment (One of the Following) 3
  - ANTH; ART; BOT 105; CULN 130; EALL 272; ENG; FR; HAW; HIST
  - HOST 101; HWST; JOUR; JPN; LING 102; MUS; PHI; REL; SP; SPAN; THEA

Natural Environment 3
- PHYS 50 Technical Physics (3)

Social Environment (One of the following) 3
- ANTH 200; BOT 105; ECON; ED 105; ed 131; ed 140; ed 245; host 125;
- hyper 195; mgt 122; phi 101; pols 110; psy; soc; ssci

TOTAL CREDITS 53

CARP 20B Introduction to Carpentry I
CARP 20C Introduction to Carpentry II
CARP 22B Concrete Forms I
CARP 22C Concrete Forms II
CARP 41B Rough Framing and Exterior I
CARP 41C Rough Framing and Exterior II
CARP 42B Finishing I
CARP 42C Finishing II
BLPR 22 Blueprint Reading
BLPR 40 Advanced Blueprint Reading and Estimates
WELD 17 General Welding

BUS 130; COM 210; ENG 21; ENG 22;
ENG 100; ENG 106; SP 20; SP 151; SP 231

Admission Requirements

Program prerequisites:
(1) Placement in ENG 21 or higher and qualified for MATH 50 or higher;
(2) Approval of instructor.

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