Hawai‘i CC Degrees & Certificates

To earn a Certificate of Competence, Certificate of Achievement, an Associate in Applied Science degree, an Associate in Science degree, an Academic Subject Certificate, or an Associate in Arts degree, all curricular requirements must be met. A student may receive an A.S.C. without completing the A.A. degree but must have the appropriate Grade Point Average for all courses required.

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* Financial aid ineligible.
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* Financial aid ineligible.

**Gainful Employment**

Beginning July 1, 2011, the US Department of Education began requiring colleges to disclose a variety of information for any financial aid eligible program that "prepares students for gainful employment in a recognized occupation". This information is provided to current and prospective students as they make their career and educational choices.

The data includes occupations, placement rates, on-time completion rates, average costs, and program median loan debt. A list of all Gainful Employment Disclosures can be found at [www.hawaii.hawaii.edu/gainful-employment](http://www.hawaii.hawaii.edu/gainful-employment)
General and pre-professional students may earn the Associate in Arts (A.A.) degree. Students intending to transfer into STEM areas may wish to pursue an Associate in Science in Natural Science (A.S.N.S.) degree. Vocational-technical majors may earn an Associate in Science (A.S.), Associate in Applied Science (A.A.S.), or Associate in Technical Studies (A.T.S.) degree, a Certificate of Achievement (C.A.), or a Certificate of Competence (C.O.) in one of the 25 vocational programs.

**Associate in Arts (A.A.) Degree**

A general and pre-professional education degree consisting of at least 60 Baccalaureate-level semester credits at the 100 and 200 levels provides students with skills and competencies essential for successful completion of a Baccalaureate degree. The issuance of an A.A. degree requires that the student must earn a cumulative 2.0 GPA or better for all courses used to meet degree requirements. The A.A. degree is designed for students who are preparing themselves to transfer to a four-year college or university. (UHCCP #5.203)

Hawai’i Community College offers two Associate in Arts Degrees: one in Liberal Arts and one in Hawaiian Studies.

**Program Learning Outcomes**

Upon successful completion, students are prepared to:

- Communicate Effectively - Speak and write to communicate information and ideas in academic settings.
- Think Critically - Retrieve, read, and utilize information and synthesize, analyze, and evaluate that information to gain understanding and make informed decisions.
- Reason Quantitatively - Use quantitative, logical, and symbolic reasoning to address theoretical and real-world problems.
- Apply Areas of Knowledge - Utilize methods, perspectives, and content of selected disciplines in the natural sciences, social sciences, and humanities.
- Engage as Global Citizens - Demonstrate awareness of the relationship between self, community, and the environment, respecting cultural diversity and an understanding of ethical behavior.

To earn the Associate in Arts Degree in Liberal Arts (LBRT) from Hawai’i CC, a student must meet the following requirements:

1. Credits Required: A total of 60 credits earned at or transferred to Hawai’i CC in 100-200 level courses
2. A minimum of 12 credits must be completed at Hawai’i CC
3. Minimum GPA Required: A minimum cumulative GPA of 2.0 is required for graduation
4. CR/NC option may be used to satisfy area and general elective requirements (Policy Haw 5.503)

**Foundations (12 credits)**

**Written Communication (FW) (3 credits):**
- Eng 100 (Writing)

**Quantitative Reasoning (FQ) (3 credits):**
- Math 100‡ or Math 115 or Math 135

**Global & Multicultural Perspectives (FG) (6 credits) in 2 different groups:**
- Group A - Prehistory to 1500: Hist 151, WS 175
- Group B - 1500 to Modern Times: Geog 102, Hist 152, WS 176
- Group C - Prehistory to Modern Times: (none at this time)

‡ Students who intend to transfer may require a course higher than Math 100

**Hawai’i CC Required Courses (6 credits)**

**College Reading Skills:**
- Eng 102 (Reading)

**Communication Skills:**
- SpCo 151

**Graduation Requirements**

**Writing Intensive:**
- One WI course with a “C” or better grade

**Hawaiian-Asian-Pacific Cultures:**
- One course (from Diversifications or Electives)

NOTE: Hawai’i CC does not have the Hawaiian-Asian-Pacific Cultures (HAP) designation. Hawai’i CC will use the following FHAP (formerly Asian/Pacific Culture) courses instead:

- Art 227
- Asan 120, 121, 122
- Eng 257A
- Hist 153, 154, 241, 242, 284, 288
- Phil 102
- Rel 152
- SpCo 233

**Diversifications (19 credits)**

**Diversifications - Arts, Humanities, Literature:** Six (6) credits required in 2 different areas:

**Diversification - Arts (DA):**
- Art 101, 114
- Eng 204

**Diversification - Humanities (DH):**
- Asan 120
- Hist 153, 154
- HwSt 100, 107
- Phil 100, 101, 102, 120
Diversification - Literature (DL):
• Eng 255, 256, 257A, 257E
• HwSt 104

Diversifications - Natural Sciences: Seven (7) credits: three (3) credits from Biological Sciences, and (3) credits from Physical Sciences. One of these courses must be accompanied by a one (1) credit Natural Science Lab:

Diversification - Biological Sciences (DB):
• Biol 100, 101, 156
• Bot 101
• Micr 130
• Sci 124

Diversification - Physical Sciences (DP):
• Astr 110
• Chem 100
• Phys 105

Diversification - Natural Science Lab (DY):
• Biol 100L, 101L, 156L
• Chem 100L
• Micr 130L
• Sci 124L

Diversifications - Social Sciences: Six (6) credits required in 2 different alphas:

Diversification - Social Sciences (DS):
• Anth 150, 200
• ECEd 131
• FamR 230
• Geog 122
• HSer 110
• Psy 100, 170, 275
• Soc 100, 218
• SSci 111
• WS 151

Electives (23 credits)
Other 100-level and above courses may be taken at Hawai‘i CC or transferred in to Hawai‘i CC as electives.

NOTE: Students may not use Independent/Directed Studies courses (marked 199 or 299) to meet area requirements unless prior permission is given by the advisor and the Vice Chancellor for Academic Affairs.

Additionally, courses numbered 99 or below are not applicable toward an Associate in Arts degree.

Writing Intensive Courses
A variety of courses are offered which are writing intensive (WI). These courses require students to do a significant amount of writing totalling a minimum of 4,000 words. Writing is emphasized as an essential tool for learning, course material, and a major element in determining a student’s course grade. In WI courses, an opportunity is provided for interaction between the instructor and student as a part of the writing process. WI courses have a minimum prerequisite of completion of Eng 100 with a grade of “C” or better. Completion of one WI course with a grade of “C” or better is required for the AA-LBRT degree and the AA-HWST degree at Hawai‘i CC. Students who are planning to transfer to a four-year college or university are advised to check on that institution’s WI requirements and are recommended to take two or three Writing Intensive courses at Hawai‘i CC.

Sustainability and S-designated Courses
Hawai‘i CC offers a designation of “S” for courses which teach students about sustainability across a variety of academic disciplines. These courses are designed to meet the system-wide goals to teach students ecological literacy and address local and global environmental challenges. While not a graduation requirement, S-designated courses allow students from all majors and programs to deepen their knowledge of core concepts of sustainability utilizing a cross-disciplinary approach. The designation can steer students towards courses that address issues of sustainability and encourage students to learn about social justice, cultural, economic, political, scientific, green building, and artistic approaches to sustainability, recognizing the valuable contributions from each academic discipline. The S-designation of a particular section of a course indicates that the instructor has chosen to integrate sustainability themes into the course content and promotes active student engagement with global and local environmental issues.

Sustainability designated courses may be either S-focused or S-related.
• **S-focused**: these courses focus primarily on sustainability from within a given academic discipline and/or the course will examine an issue or topic using sustainability as a lens. Course content is at least 60% focused on sustainability.
• **S-related**: these courses incorporate a unit, module, or assignment on sustainability. A minimum of 10% of the course content is focused on sustainability.

Fulfillment of General Education Requirement
Effective Fall 1994, students who have earned an articulated Associate in Arts (A.A.) degree from any University of Hawai‘i Community College shall be accepted as having fulfilled the general education core requirements at all other University of Hawai‘i campuses. While an articulated A.A. degree satisfies general education core requirements, students must also complete all specialized lower-division, major, college and degree/graduation requirements. Additional campus-specific requirements, such as competency in a foreign language or writing-intensive courses, may also be required. With planning, most, if not all, of the requirements may be incorporated into the A.A. degree; if not, they are required in addition to the A.A. degree.
Associate in Applied Science (A.A.S.) Degree

A career and technical education degree consisting of at least 60 semester credits provides students with skills and competencies for gainful employment in a career and/or technical education area. The A.A.S. degree is not intended nor designed for transfer directly to a baccalaureate program. A.A.S. programs may, however, include some baccalaureate-level course offerings. Components of General Education included within the A.A.S. must be consistent with levels of quality and rigor appropriate to higher education. The issuance of an A.A.S. degree requires that the student’s work has been evaluated and stated outcomes have been met. The student must earn a cumulative 2.0 GPA or better for all courses used to meet degree requirements. (UHCCP #5.203)

To earn the Associate in Applied Science degree at Hawai’i CC, it is the responsibility of the student to meet the program requirements. Those requirements are:

1. Satisfactorily complete the program of courses prescribed for his/her major
2. Earn credits in prescribed communications and mathematics/thinking/reasoning courses
3. Earn nine (9) credits total by selecting one 3-credit general elective course from each of the three areas: Cultural, Natural, Social Environment
4. Earn a cumulative GPA of at least 2.0 in Hawai’i CC courses
5. Earn at least a 2.0 GPA in major courses
6. Earn 12 semester hours at Hawai’i CC

Associate in Applied Science General Education Electives: The following courses may satisfy the A.A.S. degree general education electives: Cultural Environment, Natural Environment, Social Environment. Check with a program advisor for program requirements.

Cultural Environment:
Through study of artistic, literary, and philosophical masterworks and by examining the development of significant civilizations, cultures and the nature of human communication, students gain an appreciation of history and achievements. This experience should enable the student to approach future studies of a more specific character with a broadened perspective.

- Asan 120†, 121†, 122†
- Dncc 153, 185, 190V, 256† (see ECEd 256), 285, 290V
- ECEd 256† (see Dnce 256)
- Eng 103, 105, 204, 205† (see Jour 205), 215, 255, 256, 257A, 257E

(continued on next column)

Natural Environment:
A scientifically literate person should know what science is, how scientific investigation is conducted, and that the activity of a scientist is a blend of creativity and rigorous intelligence. Independent investigation in the laboratory provides an understanding of the features of scientific hypothesis and their proofs that external accounts cannot wholly describe.

- Ag 122, 141, 175, 175L, 200, 250, 260
- Astr 110, 281
- BioC 141
- Biol 100, 100L, 101, 101L, 141, 141L, 142, 142L, 156, 156L, 171, 171L, 172, 172L
- Bot 101, 101L, 105, 105L, 130, 130L
- Chem 100, 100L, 151, 151L, 161/L, 162/L
- Culn 185
- Geog 101, 101L, 170, 170L, 180, 180L
- GG 101, 101L
- Micr 130, 130L
- Ocn 201, 205
- Phrm 203
- Phys 100, 100L, 105
- Sci 124, 124L
- Zool 101, 101L

Social Environment:
Every educated person should have some appreciation of the role of culture and social institutions in the shaping of individual personality and the creation of social identities. Students should also develop an understanding of the extent to which scientific inquiry is appropriate to the creation of social knowledge and of the alternative ways of organizing human institutions and interpreting social reality.

- Ag 157, 230
- Aj 101, 180, 210, 256† (see HSer/WS 256), 280, 290B, 290C, 290D
- Anth 121† (see Ling 121), 150, 200, 235† (see Ling 235)
- Asan 120†, 121†, 122†
- Busn 164

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• Econ 120, 130, 131
• ECEd 105, 131
• FamR 230
• Geog 102, 122
• HD 234
• HosT 290
• HSer 110, 140, 141† (see Subs 141), 248† (see Subs 248), 256† (see AJ/WS 256)
• HwSt 201†
• ICS 100
• IS 101
• Mgt 124
• PolS 110
• Psy 100, 170, 214, 251, 270, 275†
• Soc 100, 208, 218, 251, 265, 289, 290
• SpCo 151, 130, 260
• SSci 111, 150, 160† (see Hum 160), 250
• Subs 141† (see HSer 141), 248† (see HSer 248), 268, 270, 275, 280
• WS 151, 256† (see HSer/WS 256)

† Cross-listed courses (appearing in multiple areas or listed as different alphas) count only once for graduation requirements.

Associate in Science (A.S.) Degree

A degree designed to prepare students for employment in career and technical fields, and/or transfer to a Baccalaureate granting institution in a science, technology, engineering, mathematics, or other articulated Baccalaureate-level programs of study. This degree consists of at least 60 semester credits providing students with skills and competencies for gainful employment, or with courses in the arts and sciences or career and technical education that will prepare students for entry into an articulated Baccalaureate program of study. (UHCCP #5.203)

To earn the Associate in Science degree at Hawai‘i CC, it is the responsibility of the student to meet the program requirements. The requirements are:
1. Satisfactorily complete the program of courses prescribed for his/her major
2. Earn credits in prescribed mathematics, communications, and thinking/reasoning courses or pass proficiency examinations in these subjects
3. Earn nine (9) credits total by selecting one 3-credit general elective course from each of the three areas: Cultural Environment, Natural Environment, Social Environment
4. Earn a cumulative GPA of at least 2.0 in Hawai‘i CC courses
5. Earn at least a 2.0 GPA in major courses
6. Earn 12 semester hours at Hawai‘i CC

Associate in Science Degree General Education Electives: The following courses may satisfy the A.S. degree general education electives: Cultural Environment, Natural Environment, Social Environment. Check with a program advisor for program requirements.

Cultural Environment:

Through study of artistic, literary, and philosophical masterworks and by examining the development of significant civilizations, cultures and the nature of human communication, students gain an appreciation of history and achievements. This experience should enable the student to approach future studies of a more specific character with a broadened perspective.

• Asan 120†, 121†, 122†
• Dnce 153, 185, 190V, 256† (see ECEd 256), 285, 290V
• ECEd 256† (see Dnce 256)
• Eng 103, 105, 204, 205† (see Jour 205), 215, 255, 256, 257A, 257E
• Hist 120, 151, 152, 153, 154, 241, 242, 274, 284, 288
• Hum 100, 160† (see SSci 160), 275†
• HwSt 100, 101, 102, 103, 104, 105, 106, 107, 130, 131, 140, 141, 150, 151, 160, 161, 201†, 204, 206, 219, 230, 231, 240, 241, 250, 251, 260, 261
• Jour 205† (see Eng 205)
• Jpns 101, 102, 121, 122
• Ling 102, 121† (see Anth 121), 235† (see Anth 235)
• Mus 102
• Phil 100, 101, 102, 120, 211, 213, 255
• Psy 275
• Rel 150, 151, 152, 153
• SpCo 231, 251, 233

Natural Environment:

A scientifically literate person should know what science is, how scientific investigation is conducted, and that the activity of a scientist is a blend of creativity and rigorous intelligence. Independent investigation in the laboratory provides an understanding of the features of scientific hypothesis and their proofs that external accounts cannot wholly describe.

• Ag 122, 141, 175, 175L, 200, 250
• Astr 110, 281
• BioC 141
• Biol 100, 100L, 101, 101L, 141, 141L, 142, 142L, 156, 156L, 171, 171L, 172, 172L
• Bot 101, 101L, 105, 105L, 130, 130L
• Chem 100, 100L, 151, 151L, 161/L, 162/L
• Geog 101, 101L, 170, 170L, 180, 180L
• GG 101, 101L
• Micr 130, 130L
• Ocn 201, 205
• Phrm 203
• Phys 100, 100L, 105
• Sci 124, 124L
• Zool 101, 101L
Social Environment:

Every educated person should have some appreciation of the role of culture and social institutions in the shaping of individual personality and the creation of social identities. Students should also develop an understanding of the extent to which scientific inquiry is appropriate to the creation of social knowledge and of the alternative ways of organizing human institutions and interpreting social reality.

• Ag 157, 230
• AJ 101, 180, 210, 256† (see HSer/WS 256), 280
• Anth 121† (see Ling 121), 150, 200, 235† (see Ling 235)
• Asan 120†, 121†, 122†
• Econ 120, 130, 131
• EEd 105, 131
• FamR 230
• Geog 102, 122
• HD 234
• HSer 110, 140, 141† (see Subs 141), 248† (see Subs 248), 256† (see AJ/WS 256)
• HwSt 201†
• ICS 100
• IS 101
• PolS 110
• Psy 100, 170, 214, 251, 270, 275†
• Soc 100, 208, 218, 251, 265, 289, 290
• SpCo 151, 260
• SSci 111, 150, 160† (see Hum 160), 250
• Subs 141† (see HSer 141), 248† (see HSer 248), 268
• WS 151, 256† (see HSer/WS 256)

† Cross-listed courses (appearing in multiple areas or listed as different alphas) count only once for graduation requirements.

Associate in Technical Studies (A.T.S.) Degree

A career and technical credential consisting of at least 60 semester credits provides students with skills and competencies for gainful employment. This degree must be customized by using courses from two or more existing approved programs and is intended to target emerging career areas which cross traditional boundaries. This degree must have educational objectives which are clearly defined and recognized by business, industry, or employers who have needs for specialized training. This degree must have advanced approval and cannot be requested based upon previously completed coursework. This degree requires a GPA of 2.0 or better for all courses required. (UHCCP #5.203)

Certificate of Achievement (C.A.)

A college credential for students who have successfully completed designated medium-term career and technical education credit course sequences provides them with job upgrading or entry-level skills. Course sequences may not exceed 51 credit hours (unless external requirements exceed this number) and may not be less than 24 credit hours. The issuance of a Certificate of Achievement requires that the student must earn a cumulative GPA of 2.0 or better for all Hawai’i CC courses required in the certificate. The 12 semester hours of work must be completed at Hawai’i CC. (UHCCP #5.203)

Certificate of Competence (C.O.)

A college credential for students who have successfully completed a sequence of career-technical education courses within a BOR-approved CTE program that has been identified as fulfilling an employable set of skills recognized by Business and Industry. The C.O. may be awarded for successful completion of a sequence of non-credit CTE instruction. The issuance of a C.O. requires that the student’s work meets or exceeds competencies necessary for employment (e.g., courses resulting in a student’s competence to be employed as an automotive “brake technician”). Course sequences shall be at least 4 and less than 24 credit hours and may include General Education courses appropriate to industry requirements. In a credit course sequence the student must earn a cumulative 2.0 GPA or better for all courses required in the certificate. (UHCCP #5.203)

Academic Subject Certificate (A.S.C.)

A college credential for students who have successfully completed a focused, specific sequence of credit courses from an A.A. curriculum. The sequence must fit within the structure of the A.A. degree, may not extend the credits required for the A.A. degree, and shall be at least 12 credit hours. The issuance of the Academic Subject Certificate requires that the student must earn a GPA of 2.0 or better for all courses required in the certificate. Students enrolled solely for the purpose of obtaining an ASC will be identified as unclassified for admission and enrollment purposes. (UHCCP #5.203)

Residency Requirement for Graduation

To graduate with a degree from a University of Hawai’i Community College, a student must have earned a minimum of 12 credits of program courses in the degree/major from that college. (UHCCP #5.208)
Assessment

Assessment is the process of gathering information on student learning and services for the purposes of evaluating and improving the learning environment. Assessment is the responsibility of everyone employed by Hawai‘i Community College. The College engages in systematic assessment of learning and service outcomes to ensure continuous improvement and to create increased opportunities for student success. The College Council’s Assessment Committee provides leadership to ensure that the College achieves its mission by sponsoring assessment activities, encouraging meaningful assessment practices and experiences, and promulgating discovery based on results of the assessment process.

Assessment across the Kauhale is governed by the College’s Assessment Policy. (Policy Haw 5.202)

In addition, standards and criteria from the Accrediting Commission for Community and Junior Colleges (ACCJC), as well as accrediting bodies providing oversight for career and technical education programs, serve as the overall guidelines within which the college establishes and revises its assessment activities.

The course assessment cycle requires that all courses be assessed at least every five years: specific details of the course assessment requirements are listed in the Assessment Policy. (Policy Haw 5.202). The non-instructional service and support unit assessment cycle requires that all units be assessed regularly on a schedule determined by the appropriate vice chancellor or director.

Assessment is integrated with biennium and supplemental budget and strategic planning through annual program and service-unit reviews, and comprehensive reviews on a three-year cycle that are initiated and monitored by the College Effectiveness Review Committee (CERC) and the College Council’s Assessment Committee. For more information, visit the website at www.hawaii.hawaii.edu/files/assessment

The following Hawai‘i CC and UH System policies determine requirements for program review:

• HAW #4.201 Integrated Planning for Institutional Effectiveness www.hawaii.hawaii.edu/ovcadmin/admin-manual/haw4
• Board of Regents Policy, Section 5-1.1b www.hawaii.edu/offices/bor/policy/borpch5.pdf
• University of Hawai‘i Systemwide Executive Policy, E5.202 www.hawaii.edu/policy

Course Review Policy

The University Council on Articulation (UCA) policy requires that all of Hawai‘i Community College’s previously articulated general education core courses be reviewed over a five-year period. Hawai‘i CC has developed procedures to review 20% of all of its approved courses each year. Courses will be reviewed according to their approval date, the oldest will be reviewed first. The policy and procedures were developed by the Academic Senate in collaboration with the Dean of Instruction, and were approved by the Senate on January 26, 2001. (Policy Haw 5.250)

PROGRAM DESCRIPTIONS

Accounting (ACC)

Faculty: S. Dill B. Sanders

The Accounting program prepares students for entry-level positions. Learning centers on the accounting equation and the accounting cycle, recording financial transactions, and preparing financial statements.

Program Learning Outcomes

Upon successful completion, students are prepared to:

• Perform basic accounting tasks and business math skills to maintain accurate accounting systems in for-profit organizations.
• Communicate with stakeholders in a manner that reflects organizational culture and sensitivity to diverse customer and community needs.
• Perform basic office functions using standard and emerging technologies.
• Demonstrate, in a work environment, effective self-management through efficient use of time and personal commitments.
• Participate effectively in individual and group decision making.
• Use critical thinking skills to make decisions that reflect legal and ethical standards of the accounting profession.

First Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>CA</th>
<th>AAS</th>
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<tbody>
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</tr>
<tr>
<td>Busn 121</td>
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<td>3</td>
</tr>
<tr>
<td>Introduction to Word Processing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Busn 150</td>
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<td>3</td>
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<tr>
<td>Intro to Business Computing</td>
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<td>(or ICS 101)</td>
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<tr>
<td>Busn 164</td>
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<tr>
<td>Career Success</td>
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<td>(or IS 101)</td>
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<tr>
<td>** Busn 188</td>
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Second Semester

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<tr>
<td>Principles of Accounting I</td>
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<tr>
<td>* Acc 134</td>
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<td>3</td>
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<tr>
<td>Individual Income Tax Preparation</td>
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<td>(or Acc 130 or Acc 132 or Acc 193V or Busn 193V or Ent 125)</td>
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<td>* Acc 155</td>
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<td>3</td>
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<tr>
<td>Spreadsheets in Accounting</td>
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<tr>
<td>* Acc 252</td>
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<td>3</td>
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<tr>
<td>Using Quickbooks in Accounting</td>
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<tr>
<td>Busn 178</td>
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<tr>
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</tbody>
</table>
Third Semester

** Acc 132 Payroll and Hawai‘i General Excise Tax - 3
(or Acc 130 or Acc 134 or Acc 193V or Busn 193V or Ent 125)
(choose a course that was not taken previously)

** Acc 201 Intro to Financial Accounting - 3
(or Acc 125)

** Eng 100 Composition I - 3

** SpCo SpCo 130 or 151 or 251 - 3

** Elective †† Cultural Env., Natural Env., Social Env. - 3
(not IS 101, nor Busn 164)

TOTAL - 15

Fourth Semester

** Acc 202 Intro to Managerial Accounting - 3
(or Acc 126)

** Acc 255 Using Spreadsheets in Accounting II - 3

** Acc 295 Accounting Capstone - 3

** Electives †† Cultural Env., Natural Env., Social Env. - 6
(not IS 101, nor Busn 164)

TOTAL - 15

TOTAL 30 60

* A grade of “C” or better is required to earn a certificate and/or degree
** Meets competency requirement in mathematics or communications
†† Earn 9 credits total by selecting one 3-credit general elective course from each of three areas: Cultural Env., Natural Env., Social Env.

Program Learning Outcomes

Upon successful completion, students are prepared to:
- Express a foundational understanding of the three components (law enforcement, courts, and corrections) of the Administration of Justice system and how they interrelate and affect individuals and society.
- Work independently and interdependently with diverse populations to produce personal, professional, and community outcomes.
- Use technology to access, synthesize, and communicate information effectively in written and oral reports.
- Develop and initiate career plans to obtain jobs or continue a degree in Administration of Justice or related fields.

Administration of Justice (AJ)

Faculty: D. Kalei

This program provides students with a solid background in the field of Administration of Justice by offering a variety of courses designed to prepare students for careers within the criminal justice system. The program combines the scientific study of law enforcement, the court system and corrections, along with a focus on the administration of these systems. An important component of the program is the study of the causes and effects of crime and the ways in which society responds to such behavior.

This program is designed to prepare students to obtain a two-year degree with the knowledge and skills needed to enter a career upon graduation. It also academically prepares students who wish to continue their degree at a four-year institution.

A student who successfully completes 12 credits of AJ courses at Hawai‘i CC may receive up to 6 additional AJ credits for completing basic police recruit training as required by government law enforcement agencies.

An internship program is also available to students who wish to earn college credit by working in the AJ field. Students can earn up to 6 credits, which can be applied to the program. Students interested in the internship program should contact the AJ Coordinator.

First Semester

AS

AJ 101 Introduction to Administration of Justice 3
AJ or Subs Elective (see below) 3
Eng 102 College Reading Skills 3
Electives †† Cultural Env., Natural Env., Social Env. 6

TOTAL 15

Second Semester

AS

AJ 131 Ethics in Public Services 1
AJ 210 Juvenile Justice 3
AJ 221 Criminal Law 3
AJ or Subs Elective (see below) 3
Eng 100 Composition I 3
SpCo 151 Intro to Speech & Comm 3

TOTAL 16

Third Semester

AS

AJ 220 Constitutional Law 3
AJ 280 Current Issues in Administration of Justice 3
AJ or Subs Elective (see below) 3
** Math 100 Survey of Mathematics or higher 3
or
Phil 110 Introduction to Deductive Logic (3)
Elective †† Cultural Env., Natural Env., Social Env. 3

TOTAL 15

Fourth Semester

AS

AJ or Subs Elective (see below) 3
General 12

TOTAL 15

TOTAL 61

Criminal Justice Addictions Professional Certificate of Competence

AS

AJ 101 Introduction to Administration of Justice 3
AJ 131 Ethics in Public Services 1
AJ 150 The Correctional Process 3
Subs 132 STDs and Confidentiality 1
Subs 140 Individual Substance Abuse Counseling 3
Subs 245 Group Counseling 3
Subs 268 Survey of Substance Use and Addiction 3
Subs 270 12 Core Functions Subs Abuse Counseling 3
Subs 294 Seminar and Fieldwork I 3

TOTAL 23
Homeland Security Certificate of Competence

AJ 101 Introduction to Administration of Justice 3
AJ 131 Ethics in Public Services 1
AJ 180 Introduction to Homeland Security 3
AJ 181 Intelligence Analysis and Security Mgmt 3
AJ 182 Transportation and Border Security 3
TOTAL 13

Electives - The following courses will be accepted:
• AJ 103, 104, 150, 170, 180, 181, 182, 193V, 208, 233, 234, 256, 285, 290B, 290C, 290D
• Subs 140, 141, 245, 248, 262, 268, 270, 275, 280, 294, 295

Credits in ( ) are optional
* A grade of ‘C’ or better is required to earn a certificate and/or degree
** Meets competency requirement in mathematics or communications
†† Earn 9 credits total by selecting one 3-credit general elective course from each of three areas: Cultural Env., Natural Env., Social Env.

First Semester
* Ag 33 Greenhouse Construction 3
* Ag 40 Plant Identification 3
* Ag 54A Tropical Agriculture Production I 6
** Eng 106 Technical English for the Workplace (or Eng 100 or Eng 102) - 3
TOTAL 12 15

Second Semester
* Ag 31 Farm Equipment, Machinery and Power 3
* Ag 46 Landscape Maintenance 3
* Ag 54B Tropical Agriculture Production II 6
** QM 120T Quantitative Methods for Trans Tech (or Math 100 or higher (not Math 120)) - 3
TOTAL 12 15

Third Semester
* Ag 122 Soil Technology - 3
* Ag 200 Principles of Horticulture - 4
* Ag 230 Agriculture Business Management - 3
Elective †† Natural Environment (numbered 100 or above) - 3
Elective †† Social Environment (numbered 100 or above) - 3
TOTAL - 16

Fourth Semester
* Ag 141 Integrated Pest Management - 3
* Ag 157 Marketing of Agriculture Products - 3
* Ag 250 Sustainable Crop Production - 3
* Ag 250L Sustainable Crop Production Lab - 1
* Ag 260 Tropical Landscape Horticulture - 3
Elective †† Cultural Environment (numbered 100 or above) - 3
TOTAL - 16

TOTAL 24 62

Credits in ( ) are optional
* A grade of ‘C’ or better is required to earn a certificate and/or degree
** Meets competency requirement in mathematics or communications
†† Earn 9 credits total by selecting one 3-credit general elective course from each of three areas: Cultural Env., Natural Env., Social Env.

Agriculture (AGR)

Faculty:  L. Nakamura

This program prepares students for employment in government service, agribusiness, horticulture, livestock, flowers and foliage, landscape, macadamia nuts, papaya, and coffee industries.

Program Learning Outcomes

Upon successful completion, students are prepared to:
• Plan and manage projects and cultivate horticultural crops using legal; sustainable; safe; and ecologically, biologically, and technologically sound practices.
• Design gardens that demonstrate the aesthetic principles of unity, repetition, balance, color, and texture congruent with the customers’ desires.
• Operate and maintain tools and equipment.
• Set-up and manage a business enterprise.
• Interact with customers and co-workers in ways that effectively support the work to be accomplished.
Architectural, Engineering and CAD Technologies (AEC)

Faculty: G. Cho D. De Silva

This program prepares students for employment with architectural firms, contractors, engineers, surveyors, or government agencies. Job responsibilities range from making accurate working drawings of buildings to assisting a surveying crew.

Program Learning Outcomes

Upon successful completion, students are prepared to:

- Using computational and reasoning skills, demonstrates entry-level skills for accuracy in drawings, and identifies the relationship of features to demonstrate visualization proficiency.
- Formulate, design, revise, and construct projects utilizing knowledge of proper construction materials and resources based on design criteria, and be able to defend, explain, and discuss.
- Design and generate Architectural and Engineering documents using two-dimensional and three-dimensional CAD programs.
- Demonstrate operational competence in using surveying hand tools and equipment.
- Demonstrate communication, critical thinking, research, and problem-solving skills.
- Illustrate within the design process an understanding of the balance between cultures, community, and the environment.

Entry Requirements

- Proficiency levels in reading, writing and/or mathematics are required to register for some or all of the Program courses:

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<thead>
<tr>
<th>Subject Area</th>
<th>Placement into course</th>
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First Semester

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<td>* AEC 150</td>
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<td>** Eng 100</td>
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Fourth Semester

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TOTAL 47 66

Geomatics and GIS Certificate of Achievement

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<td>* AEC 129</td>
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<td>* AEC 150</td>
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<tr>
<td>** Math 120</td>
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<td>** Eng 100</td>
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Geospatial Technologies Certificate of Competence

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<td>* AEC 113</td>
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<td>* AEC 129</td>
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Sustainable Lot Design and Site Prep Certificate of Competence

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* A grade of “C” or better is required to earn a certificate and/or degree
** Meets competency requirement in mathematics or communications
†† Earn 9 credits total by selecting one 3-credit general elective course from each of the three areas: Cultural, Natural, Social Environment
Auto Body Repair and Painting (ABRP)

Faculty: G. Fujioka C. Koreyasu

This program prepares the student for employment in an auto body repair and painting shop. Graduates have found that completion of the ABRP program leads to better paying jobs and faster advancement once employed.

Program Learning Outcomes

Upon successful completion, students are prepared to:

- Demonstrate entry-level knowledge and skills required for the safe operation of tools and equipment necessary to perform repairs on modern automobiles.
- Apply proper safety procedures and regulated compliance standards applicable to the auto collision and refinish industry.
- Demonstrate structural panel repair techniques and advanced welding skills.
- Demonstrate competence in refinish procedures.
- Employ industry standard operating procedures and repair techniques.
- Utilize research, communication, and problem solving skills to evaluate and operationalize repair tasks.
- Model professional conduct and practice desirable work habits and attitudes for successful employment in the auto repair industry.

Entry Requirements

- Possess a valid driver’s license
- Proficiency levels in reading, writing and/or mathematics are required to register for some or all of the Program courses:

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<tr>
<th>Subject Area</th>
<th>Minimum placement into course</th>
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First Semester

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<tr>
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<td>(or QM 120T or Math 100 or higher (not Math 120))</td>
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<td>-</td>
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<tr>
<td>** QM 120T</td>
<td>Quantitative Methods for Trans Tech</td>
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<td>(or Math 100 or higher (not Math 120))</td>
<td>-</td>
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<tr>
<td>Elective ††</td>
<td>Cultural Env., Natural Env., Social Env.</td>
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Second Semester

<table>
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<th>Course Title</th>
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<tbody>
<tr>
<td>ABRP 30A</td>
<td>Metal and Plastic Refinishing</td>
<td>12</td>
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<tr>
<td>** Eng 102</td>
<td>College Reading Skills</td>
<td>-</td>
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<td>(or Eng 100 or Eng 106)</td>
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Third Semester

<table>
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<tbody>
<tr>
<td>ABRP 40A</td>
<td>Panel &amp; Glass Replacement Techniques</td>
<td>12</td>
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Fourth Semester

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<tbody>
<tr>
<td>ABRP 50A</td>
<td>Frame Measuring &amp; Alignment Techniques</td>
<td>12</td>
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<td>63</td>
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</table>

* A grade of “C” or better is required to earn a certificate and/or degree
** Meets competency requirement in mathematics or communications
†† Earn 9 credits total by selecting one 3-credit general elective course from each of the three areas: Cultural Env., Natural Env., Social Env.
**Automotive Mechanics Technology (AMT)**

**Faculty:** H. Fujii K. Shimizu

This program prepares the student for employment as a general mechanic in a service station or auto dealer’s shop, or as a specialty mechanic or a specialist on engine tune-ups or electrical systems.

**Program Learning Outcomes**

Upon successful completion, students are prepared to:

- Identify and demonstrate proper work readiness skills and respect for cultural differences.
- Apply safety measures at all times.
- Maintain proper use of shop tools and equipment.
- Demonstrate access and use of online repair manuals.
- Diagnose and repair typical problems encountered by owners of vehicles.
- Perform routine maintenance functions on vehicles.

**Entry Requirements**

- Possess a valid driver’s license
- Proficiency levels in reading, writing and/or mathematics are required to register for some or all of the Program courses:

<table>
<thead>
<tr>
<th>Subject Area</th>
<th>Minimum placement into course</th>
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<tbody>
<tr>
<td>Mathematics</td>
<td>Math 22 or Math 50 or QM 120T</td>
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<td>Reading</td>
<td>Eng 21 or ESL 21</td>
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**First Semester**

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<thead>
<tr>
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<th>AAS</th>
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</thead>
<tbody>
<tr>
<td>*</td>
<td>AMT 101 Automotive Safety &amp; Measurement</td>
<td>2</td>
<td>2</td>
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<tr>
<td>*</td>
<td>AMT 120 Powertrain I</td>
<td>10</td>
<td>10</td>
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<tr>
<td>**</td>
<td>Eng 102 College Reading Skills</td>
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<td></td>
<td>(or Eng 100 or Eng 106)</td>
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<tr>
<td>Elective††</td>
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**Second Semester**

<table>
<thead>
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<tbody>
<tr>
<td>*</td>
<td>AMT 150 Powertrain II</td>
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<td>**</td>
<td>QM 80 Quantitative Methods Preparation</td>
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<td>(or QM 120T or Math 100 or higher (not Math 120))</td>
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<td>**</td>
<td>QM 120T Quantitative Methods for Trans Tech</td>
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<td></td>
<td>(or Math 100 or higher (not Math 120))</td>
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<tr>
<td>Elective††</td>
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**Third Semester**

<table>
<thead>
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<tr>
<td>*</td>
<td>AMT 200 Undercarriage</td>
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**Fourth Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>*</td>
<td>AMT 220 Diagnostics and Repair</td>
<td>12</td>
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<tr>
<td>AMT 93V</td>
<td>CVE (optional with instructor approval)</td>
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</table>

**Business Technology (BTEC)**

**Faculty:** G. Ching A. Chung R. Yamane

The Business Technology program prepares students for employment in positions such as administrative assistants, receptionists, clerks, or secretaries. Students will learn critical office skills, along with communication and organizational proficiencies. The curriculum includes courses in office technology, business communication, office administration, accounting, and business math to enhance employment and promotion possibilities.

**Program Learning Outcomes**

Upon successful completion, students are prepared to:

- Work as a responsible member of a team to meet an organization’s objectives.
- Demonstrate professionalism in work quality, appearance, attitude, and workplace behavior as required in a diverse business environment.
- Use current and emerging technologies effectively to create and manage documents and handle multiple priorities.
- Communicate clearly and effectively through oral and written interactions, complying with standard office etiquette.
- Use research, critical thinking, and decision-making skills to make informed choices and solve problems for personal and work-related situations.
- Apply appropriate strategies to secure employment, retain a job, and advance in a career.
- Analyze, synthesize, and evaluate real-world problems in quantitative terms.

**First Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>CO</th>
<th>CA</th>
<th>AAS</th>
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</thead>
<tbody>
<tr>
<td>*</td>
<td>Busn 121 Introduction to Word Processing</td>
<td>3</td>
<td>3</td>
<td>3</td>
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<tr>
<td>*</td>
<td>Busn 164 †† Career Success</td>
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<tr>
<td></td>
<td>(meets Soc. Env. requirement for A.A.S.)</td>
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<tr>
<td>*</td>
<td>Busn 182 Machine Transcription</td>
<td>3</td>
<td>3</td>
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<tr>
<td>*</td>
<td>Busn 188 Business Calculations</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>*</td>
<td>Busn 150 Intro to Business Computing</td>
<td>-</td>
<td>3</td>
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<tr>
<td>**</td>
<td>Eng Eng 22 or (ESL 22G and ESL 22W) or higher</td>
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**Second Semester**

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<tr>
<td>*</td>
<td>Busn 123 Word Processing for Business</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Busn 193V</td>
<td>Cooperative Education</td>
<td>-</td>
<td>3</td>
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<tr>
<td>**</td>
<td>SpCo SpCo 130 or SpCo 151</td>
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<td>3</td>
<td>3</td>
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<tr>
<td>Acc 120</td>
<td>College Accounting I (or Acc 124 or Acc 201)</td>
<td></td>
<td>-</td>
<td>3</td>
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<tr>
<td>**</td>
<td>Eng 100 Composition I</td>
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<tr>
<td>TOTAL</td>
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<td>9</td>
<td>15</td>
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</table>
Carpentry (CARP)

**Faculty:**  
G. Harada  
D. Vierra

The Carpentry program allows students to participate in the “foundation-to-finish” experiences necessary to build a basic residential house while completing the required carpentry coursework. Students will graduate from the Carpentry program with the knowledge and experience necessary to begin employment at the entry level in the construction industry, or enter a four-year apprenticeship program. Credit may be given in the apprenticeship program for work completed at Hawai’i Community College.

**Program Learning Outcomes**

Upon successful completion, students are prepared to:

- Understand and utilize math computations, formulas, and measurements required in the carpentry field.
- Understand the properties of wood, its sustainability and how it dictates the fundamental principles and procedures involved in carpentry.
- Demonstrate safe practices concerning, personal safety, hand and power tool usage, and all aspects of fabrication/construction.
- Use appropriate tools, materials/fasteners and current building technology to complete projects.
- Practice good work ethics and quality workmanship with regard to industry standards.
- Construct projects by interpreting drawings, applying building code requirements where applicable.
- Synthesize principles, procedures and objectives using critical thinking, appropriate materials, tools/equipment and procedures to construct a residential dwelling.
- Demonstrate awareness of environmental and cultural impacts at the community and global level during planning and construction phases.

**Entry Requirements**

- Proficiency levels in reading, writing and/or mathematics are required to register for some or all of the Program courses:
  - Subject Area  
  - Mathematics: Math 22 or Math 50 or QM 120T
  - Reading: Eng 21 or ESL 21

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**Virtual Office Assistant Certificate of Competence**

**First Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
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<tbody>
<tr>
<td>Busn 121 Introduction to Word Processing</td>
<td>3</td>
</tr>
<tr>
<td>Busn 150 Intro to Business Computing</td>
<td>3</td>
</tr>
<tr>
<td>Busn 158 Social Media &amp; Cloud Collaboration</td>
<td>3</td>
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<tr>
<td>Busn 164 Career Success</td>
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**Second Semester**

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<th>Course</th>
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<tr>
<td>Acc 120 College Accounting I</td>
<td>3</td>
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<td>Acc 155 Spreadsheets in Accounting</td>
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<td>Busn 159 Creating &amp; Managing the Virtual Office</td>
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<td>Busn 193V Cooperative Education</td>
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**TOTAL**

23

* A grade of “C” or better is required to earn a certificate and/or degree
** Meets competency requirement in mathematics or communications
†† Earn 6 credits total by selecting one 3-credit general elective course from each of the areas: Cultural Environment, Natural Environment
# First Semester

<table>
<thead>
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<tr>
<td>* Carp 50</td>
<td>Basic Carpentry I</td>
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<td>* Carp 51</td>
<td>Basic Carpentry II</td>
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<td>9</td>
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<tr>
<td>Blpr 30F</td>
<td>Blueprint Reading for Carpenters</td>
<td>3</td>
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<td>** QM 120T</td>
<td>Quantitative Methods for Trans Tech (or Math 100 or higher (not Math 120))</td>
<td>3</td>
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# Second Semester

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<tr>
<td>* Carp 55</td>
<td>Concrete Form Construction</td>
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<tr>
<td>Blpr 40</td>
<td>Blueprint Reading and Estimating</td>
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<td>** Eng 102</td>
<td>College Reading Skills (or Eng 100 or Eng 108)</td>
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# Third Semester

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<td>* Carp 57</td>
<td>Framing and Exterior Finish</td>
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<td>Electives ††</td>
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# Fourth Semester

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<tr>
<td>* Carp 60</td>
<td>Finishing</td>
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<tr>
<td>Math 55</td>
<td>Technical Math II</td>
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<td>Elective ††</td>
<td>Cultural Env., Natural Env., Social Env.</td>
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<td>3</td>
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<td>Carp 93V</td>
<td>CVE (optional)</td>
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</table>

* A grade of ‘C’ or better is required to earn a certificate and/or degree
** Meets competency requirement in mathematics or communications
†† Earn 9 credits total by selecting one 3-credit general elective course from each of the three areas: Cultural Env., Natural Env., Social Env.

## Cisco Networking Academy (CNA)

Cisco Networking Academy (CNA) is a global educational program that teaches students how to design, build, troubleshoot, and secure computer networks for increased access to career and economic opportunities in communities around the world. Networking Academy provides online courses, interactive tools, and hands-on learning activities to help individuals prepare for ICT and networking careers in virtually every type of industry. Since its inception in October 1997, more than a million students each year have been reached through more than 7,000 Cisco Academies in all 50 states, Washington D.C., Guam, American Samoa, and in 165 other countries.

The Cisco Certified Networking Associate (CCNA) series of courses are intended for CCNA examination preparation; to prepare individuals for further education/training; to complement courses/training in electronics, computer technology, and engineering; to provide practical hands-on exercises in computer network design, implementation and maintenance; and to prepare individuals for entry-level (learning-oriented) jobs in the computer networking field. The CCNA courses are:

- CENT 140: Network Fundamentals
- CENT 240B: Routing Protocols and Concepts
- CENT 240C: LAN Switching and Wireless
- CENT 241: Accessing the WAN

For more information about the CNA and courses, contact: Jason Santos jhsantos@hawaii.edu (808) 934-2645 or visit [http://cisco.netacad.net](http://cisco.netacad.net)

## Cooperative Vocational Education (CVE)

**Faculty:** See individual program faculty

CVE is an elective that is offered to all qualified students enrolled in vocational-technical programs and who, through a cooperative arrangement between the school and employers, receive part-time related instruction in the school and on-the-job training through part-time employment.

Alternating study in college with employment in private or public sectors is provided the two experiences being planned and supervised by Hawai‘i CC and the employers contributes to the student’s development in his or her chosen occupation.

## Creative Media (CM)

**Faculty:** M. Hu

This program prepares students for employment in the field of digital media design and production. It gives necessary education and training to students seeking entry-level positions as digital media artists and/or transfer to a Baccalaureate granting institution. It provides professionals already in the field with updated technology training.

### Program Learning Outcomes

Upon successful completion, students are prepared to:

- Use technology effectively to create visual artworks.
- Gather, analyze, and evaluate information visually.
- Apply knowledge of aesthetics to the needs of the community.
- Demonstrate professionalism with a digital portfolio.

## Curricula and Programs

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>First</td>
<td>Art 107D</td>
<td>Intro to Digital Photography</td>
<td>3</td>
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<td></td>
<td>(or Art 113 or Art 120)</td>
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<tr>
<td>Second</td>
<td>Art 112</td>
<td>Introduction to Digital Arts</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Art 115</td>
<td>Introduction to 2D Design</td>
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<td></td>
<td>** Eng 100</td>
<td>Composition I</td>
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<tr>
<td></td>
<td>ICS 101</td>
<td>Digital Tools for the Information World</td>
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<td></td>
<td>Art 125</td>
<td>Introduction to Graphic Design</td>
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<td>Art</td>
<td>Electives (see below)</td>
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<tr>
<td></td>
<td>ITS 103</td>
<td>Intro to the Programming Process</td>
<td>3</td>
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<td>** Math 103</td>
<td>Introduction to College Algebra</td>
<td>4</td>
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<td></td>
<td>SpCo 151</td>
<td>Intro to Speech and Communication</td>
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<td></td>
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<td></td>
<td>16</td>
</tr>
</tbody>
</table>
### Culinary Arts (CULN)

**Faculty:** P. Heerlein  B. Hirata

This program is designed to provide for entry-level employment in hotels, full-service restaurants, fast food restaurants, institutions (schools, hospitals, corrections, etc.) and private clubs. Accredited by the American Culinary Federation since July 2005.

### Program Learning Outcomes

Upon successful completion, students are prepared to:

- Apply appropriate ethics for purchasing and receiving in the culinary industry.
- Demonstrate proper work attitudes and work habits.
- Demonstrate general knowledge of culinary departmental functions and their relationship.
- Demonstrate an understanding of the culinary industry business operations.
- Demonstrate entry-level proficiency in technical skills required in the culinary industry according to the American Culinary Federation.
- Choose an appropriate career path based on industry knowledge or requirements.
- Apply appropriate etiquette, appearance, and hygiene as required by industry standards.
- Demonstrate skills necessary for acquiring a job in the culinary field.
- Integrate their knowledge of Hawai‘i’s culture and food into cuisine.
- Apply nutritional concerns to the creation of menus.

### Credits

**Third Semester - East Hawai‘i (Hilo)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Culn 111 Introduction to the Culinary Industry</td>
<td>2</td>
</tr>
<tr>
<td>Culn 112 Sanitation and Safety</td>
<td>2</td>
</tr>
<tr>
<td>Culn 120 Fundamentals of Cookery</td>
<td>5</td>
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<tr>
<td>Culn 170 Food and Beverage Purchasing</td>
<td>-</td>
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<tr>
<td><strong>QM 120H Quantitative Methods for Culinary Arts</strong> (or Math 100 or higher (not Math 120))</td>
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**Fourth Semester - East Hawai‘i (Hilo)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Culn 115 Menu Merchandising</td>
<td>2</td>
</tr>
<tr>
<td>Culn 131 Short Order Cookery</td>
<td>3</td>
</tr>
<tr>
<td>Culn 140 Cold Food Pantry</td>
<td>4</td>
</tr>
<tr>
<td>Culn 150 Fundamentals of Baking</td>
<td>4</td>
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<tr>
<td><strong>Eng</strong> Eng 21 or ESL 21 or Eng 22 or (ESL 22G and ESL 22W) or higher</td>
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<tr>
<td><strong>Eng 106</strong> Technical English for the Workplace (or Eng 100 or Eng 102)</td>
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**Third Semester - East Hawai‘i (Hilo)**

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<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Culn 130 Intermediate Cookery</td>
<td>6</td>
</tr>
<tr>
<td>Culn 185 †† Culinary Nutrition (meets Nat. Env. requirement for A.A.S.)</td>
<td>-</td>
</tr>
<tr>
<td>Culn 270 Food and Beverage Cost Control</td>
<td>-</td>
</tr>
<tr>
<td>HosT 290 †† Hospitality Management (meets Soc. Env. requirement for A.A.S.)</td>
<td>-</td>
</tr>
</tbody>
</table>

**Fourth Semester - East Hawai‘i (Hilo)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Culn 160V Dining Room Service/Stewarding</td>
<td>4</td>
</tr>
<tr>
<td>Culn 220 Advanced Cookery</td>
<td>6</td>
</tr>
<tr>
<td>Culn 240 Garde Manger</td>
<td>4</td>
</tr>
<tr>
<td>Culn 252 Patisserie</td>
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**Second Semester - East Hawai‘i (Hilo)**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Culn 111 Introduction to the Culinary Industry</td>
<td>2</td>
</tr>
<tr>
<td>Culn 112 Sanitation and Safety</td>
<td>2</td>
</tr>
<tr>
<td>Culn 120 Fundamentals of Cookery</td>
<td>5</td>
</tr>
<tr>
<td>Culn 170 Food and Beverage Purchasing</td>
<td>-</td>
</tr>
<tr>
<td><strong>QM 120H Quantitative Methods for Culinary Arts</strong> (or Math 100 or higher (not Math 120))</td>
<td>-</td>
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**Fourth Semester - East Hawai‘i (Hilo)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Culn 160V Dining Room Service/Stewarding</td>
<td>4</td>
</tr>
<tr>
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<td>6</td>
</tr>
<tr>
<td>Culn 240 Garde Manger</td>
<td>4</td>
</tr>
<tr>
<td>Culn 252 Patisserie</td>
<td>-</td>
</tr>
</tbody>
</table>

**Credits in ( ) are optional**

A grade of “C” or better is required to earn a certificate and/or degree

**Meets competency requirement in mathematics or communications**

**Meets requirements in Cultural Env., Natural Env., or Social Env.**

---

**Additional Requirement**

- One Writing Intensive (WI) course with a “C” or better grade.

* A grade of “C” or better is required to earn a degree

** Meets competency requirement in mathematics or communications

†† Earn 9 credits total by selecting one 3-credit general elective course from each of the three areas: Cultural, Natural, Social Environment

---

**Art Electives - The following courses will be accepted:**

- Art 107D, 113, 120, 126, 156, 202, 207D, 209, 212, 225, 226, 229, 248, 249, 257, 259, 293, 294

---

**Credits in ( ) are optional**

A grade of “C” or better is required to earn a certificate and/or degree

**Meets competency requirement in mathematics or communications**

**Meets requirements in Cultural Env., Natural Env., or Social Env.**
### Second Semester - West Hawai‘i (Pālamanui)

<table>
<thead>
<tr>
<th>Course</th>
<th>CO</th>
<th>CA</th>
<th>AAS</th>
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</thead>
<tbody>
<tr>
<td>* Culin 115 Menu Merchandising</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>* Culin 131 Short Order Cookery</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>* Culin 140 Cold Food Pantry</td>
<td>4</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>* Culin 150 Fundamentals of Baking</td>
<td>4</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>* Culin 160V Dining Room Service/Stewarding</td>
<td>-</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>** Eng Eng 21 or ESL 21 or Eng 22 or (ESL 22G and ESL 22W) or higher</td>
<td>-</td>
<td>3</td>
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</tr>
<tr>
<td>** Eng 106 Technical English for the Workplace (or Eng 100 or Eng 102)</td>
<td>-</td>
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<tr>
<td>TOTAL (Pālamanui)</td>
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### Third Semester - West Hawai‘i (Pālamanui)

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<thead>
<tr>
<th>Course</th>
<th>CO</th>
<th>CA</th>
<th>AAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>* Culin 130 Intermediate Cookery</td>
<td>-</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>* Culin 185 †† Culinary Nutrition (meets Nat. Env. requirement for A.A.S.)</td>
<td>-</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>* Culin 252 Patisserie</td>
<td>-</td>
<td>-</td>
<td>4</td>
</tr>
<tr>
<td>HosT 290 †† Hospitality Management (meets Soc. Env. requirement for A.A.S.)</td>
<td>-</td>
<td>-</td>
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<tr>
<td>TOTAL (Pālamanui)</td>
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<td>6</td>
<td>16</td>
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### Fourth Semester - West Hawai‘i (Pālamanui)

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<thead>
<tr>
<th>Course</th>
<th>CO</th>
<th>CA</th>
<th>AAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>* Culin 220 Advanced Cookery</td>
<td>-</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>* Culin 240 Garde Manger</td>
<td>-</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>* Culin 270 Food and Beverage Cost Control</td>
<td>-</td>
<td>-</td>
<td>4</td>
</tr>
<tr>
<td>Elective †† Cultural Environment (HwSt course recommended)</td>
<td>-</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>TOTAL (Pālamanui)</td>
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<td>10</td>
<td>17</td>
</tr>
<tr>
<td>** TOTAL</td>
<td>22</td>
<td>51</td>
<td>68</td>
</tr>
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</table>

Credits in ( ) are optional

* A grade of “C” or better is required to earn a certificate and/or degree

** Meets competency requirement in mathematics or communications

†† Meets requirements in Cultural Env., Natural Env., or Social Env.

---

### Diesel Mechanics (DISL)

**Faculty:** M. Soares

This program prepares the student for employment as a skilled tradesperson who troubleshoots, maintains, and repairs various types of diesel engines, trucks, tractors, boats, and other heavy equipment.

### Program Learning Outcomes

Upon successful completion, students are prepared to:

- Function safely in a heavy equipment shop environment.
- Demonstrate ability to communicate effectively to gather and convey information.
- Apply theory and principles for proper diagnosis, repair, and maintenance in the heavy-duty truck equipment industry.
- Practice the minimum essential mental, physical, and behavioral skills necessary to maintain professional proficiency.
- Work collaboratively with others as well as independently.

### Entry Requirements

- Possess a valid driver’s license

#### First Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>CA</th>
<th>AAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>* DiMc 120</td>
<td>12</td>
<td>12</td>
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<tr>
<td>** Eng 102</td>
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<tr>
<td>** QM 120T</td>
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<tr>
<td>TOTAL</td>
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#### Second Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>CA</th>
<th>AAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>* DiMc 130</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>Electives †† Cultural Env., Natural Env., Social Env.</td>
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<tr>
<td>TOTAL</td>
<td>12</td>
<td>18</td>
</tr>
</tbody>
</table>
Curricula and Programs

Hawai'i Community College   2018-2019

Digital Media Arts (DMA)

Faculty: M. Hu

This program prepares students for employment in the field of digital media design and production. It gives necessary education and training to students seeking entry-level positions as digital media artists and/or transfer to a Baccalaureate granting institution. It provides professionals already in the field with updated technology training.

Program Learning Outcomes

Upon successful completion, students are prepared to:

• Use technology effectively to create visual artworks.
• Gather, analyze, and evaluate information visually.
• Apply knowledge of aesthetics to the needs of the community.
• Demonstrate professionalism with a digital portfolio.

First Semester

* Art 112 Introduction to Digital Arts 3
* Art 115 Introduction to 2D Design 3
TOTAL 6

Second Semester

* Art 202 Digital Imaging 3
* Art 209 Image in Motion Studio 3
TOTAL 6

Program Learning Outcomes

Upon successful completion, students are prepared to:

• Use technology effectively to create visual artworks.
• Gather, analyze, and evaluate information visually.
• Apply knowledge of aesthetics to the needs of the community.
• Demonstrate professionalism with a digital portfolio.

Third Semester

* Ent 125 Starting a Business 3
* Art 293 Internship (or Art 294) 3
* Art Electives (see below) 3
TOTAL 9

TOTAL 21

Art Electives - The following courses will be accepted:

• Art 107D, 113, 120, 126, 156, 202, 207D, 209, 212, 225, 226, 229, 248, 249, 257, 259, 293, 294

* A grade of “C” or better is required to earn a certificate

Early Childhood Education (ECED)

Faculty: J. Smith B. Watanabe

Children’s Center Staff: C. Babagay B. Pavao

This program is designed to provide attitudes, skills, and knowledge for people who work with young children and their families in a variety of early childhood programs. The Certificate of Competence (C.O.) or Certificate of Achievement (C.A.) prepares students for support roles in early childhood programs. An Associate in Science (A.S.) degree prepares students to be teachers or lead practitioners in early childhood programs.

Students taking Laboratory or Practicum courses are required to complete fingerprinting and pass the criminal history record checks.

This degree is fully articulated with the Bachelor of Arts in Social Science (with a concentration in Early Childhood Education) offered through the University of Hawai'i West O'ahu via Distance Education. Students interested in pursuing the BA degree with UH West O‘ahu are encouraged to meet with an Early Childhood Education advisor their first semester.

Program Learning Outcomes

Upon successful completion, students are prepared to:

• Use knowledge of child development and of individual children to create healthy, challenging learning environments, and experiences.
• Build positive relationships and guide children through supportive interactions.
• Build respectful partnerships with children, families, colleagues, and communities.
• Observe, document, and assess children’s development and learning in partnerships with families.
• Plan, implement, and assess learning experiences using appropriate content, concepts, and methods.
• Use reflective practices to base decisions and actions on ethical and professional standards.
• Advocate for children and their families within the program.

First Semester

* ECED 105 Intro to Early Childhood Education 3
* ECED 110 Developmentally Appropriate Pract. 3
* ECED 131 Early Childhood Development: Theory into Practice 3
** Eng 21 or ESL 21 or Eng 102 or higher - 3
** Eng 102 College Reading Skills - - 3
TOTAL 9

TOTAL 12

Hawai'i Community College 2018-2019
Curricula and Programs
### Electrical Installation and Maintenance Technology (EIMT)

**Faculty:** R. Dela Cruz  P. Pajo  
This program prepares students for employment with electrical appliance shops, utility companies, and electrical construction and maintenance companies. Learning will center on planning, designing, constructing, installing, and maintaining electrical wiring and equipment.

### Program Learning Outcomes

Upon successful completion, students are prepared to:

- Accurately demonstrate entry-level skills in residential, commercial, and industrial electrical installation and maintenance.
- Practice safety on the job and recognize potential hazards.
- Interpret and comply with the National Electrical Code NFPA 70 book and local codes.
- Read and interpret all sections of blueprints and draft electrical circuits.
- Integrate carpentry, masonry, plumbing, and HVACR systems with electrical installation and maintenance.
- Produce take-off lists, perform layout, and install new materials for existing and new projects.
- Think critically, do research, calculate minimum requirements, and solve problems.
- Demonstrate the qualities of an apprentice electrician: positive attitude and behavior, discipline, promptness and attendance, ability to work alone or with others, with cultural awareness, and good communication skills.

### Entry Requirements

- Proficiency levels in reading, writing and/or mathematics are required to register for some or all of the Program courses:

<table>
<thead>
<tr>
<th>Subject Area</th>
<th>Minimum placement into course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reading</td>
<td>Eng 21 or ESL 21</td>
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### First Semester

<table>
<thead>
<tr>
<th></th>
<th>CA</th>
<th>AAS</th>
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<tbody>
<tr>
<td>EIMT 20</td>
<td>Interior Wiring</td>
<td>12 12</td>
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<tr>
<td>** Etro 120</td>
<td>Electronics I</td>
<td>5 5</td>
</tr>
<tr>
<td>** TOTAL</td>
<td></td>
<td>17 17</td>
</tr>
</tbody>
</table>

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### The Hawai‘i CC Children’s Center

Located on the Manono campus, provides a setting for early childhood students to gain practical experience with young children. The Center provides early education and care for children 18 months to 5 years of age and serves children of students, faculty, and staff from Hawai‘i CC and UH Hilo. Community children are accepted on a space available basis. The Center offers a high quality developmental approach to early education with qualified staff. Early childhood students work and study in the Center, under the guidance and supervision of early childhood faculty and staff. The Center is accredited by the National Association for the Education of Young Children.
Electronics Technology (ET)

Faculty: B. Michels

This program prepares students for employment in telecommunications, medical electronics, computers, and consumer electronics. The electronic technician fabricates, installs, maintains, and repairs electronic equipment.

Students applying to the electronics program should have two years of high school math including geometry or algebra, and two years of high school science including chemistry or physics.

Program Learning Outcomes

Upon successful completion, students are prepared to:

- Specify, design, build, install, program, operate, troubleshoot, analyze, and modify electronics systems, automated test, and manufacturing control systems.

- Specify, install, program, operate, troubleshoot, and modify computer systems.

- Have effective written, interpersonal, presentation, and team building skills.

- Have the necessary leadership and management skills to effectively complete a project.

- Have a well-developed sense of work ethics and personal discipline to succeed in their chosen profession.

- Have attitudes, abilities, and skills required to adapt to rapidly changing technologies and a desire for life-long learning.

Entry Requirements

- Proficiency levels in reading, writing and/or mathematics are required to register for some or all of the Program courses:

  Subject Area       Minimum placement into course
  ----------------------------------------
  Mathematics       Math 24 or Math 66
  Reading            Eng 21 or ESL 21

First Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>CA</th>
<th>AAS</th>
</tr>
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<tbody>
<tr>
<td>Etro 120</td>
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<tr>
<td>Etro 120L</td>
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<td>Etro 140</td>
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<tr>
<td>Etro 143</td>
<td>5</td>
<td>5</td>
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<tr>
<td>Etro 143L</td>
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<td>2</td>
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Second Semester

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<thead>
<tr>
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<tr>
<td>Etro 257</td>
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<tr>
<td>Etro 280</td>
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<td>Etro 240C</td>
<td>3</td>
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<tr>
<td>Eng 100</td>
<td>-</td>
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<td>Elective</td>
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Third Semester

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<tbody>
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<td>Etro 266</td>
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<td>Etro 287</td>
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<td>Etro 287L</td>
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<tr>
<td>Elective</td>
<td>-</td>
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</tr>
<tr>
<td>Elective</td>
<td>-</td>
<td>3</td>
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<tr>
<td>TOTAL</td>
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Fourth Semester

<table>
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<tr>
<th>Course</th>
<th>CA</th>
<th>AAS</th>
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<tbody>
<tr>
<td>Etro 140 or CENT 140</td>
<td>Network Fundamentals</td>
<td>3</td>
</tr>
<tr>
<td>Etro 240B or CENT 240B</td>
<td>Routing Protocols and Concepts</td>
<td>3</td>
</tr>
<tr>
<td>Etro 240C or CENT 240C</td>
<td>LAN Switching and Wireless</td>
<td>3</td>
</tr>
<tr>
<td>Etro 241 or CENT 241</td>
<td>Accessing the WAN</td>
<td>3</td>
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<tr>
<td>TOTAL</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

Optics Technology Certificate of Competence

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Network Technology Certificate of Competence

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* A grade of “C” or better is required to earn a certificate and/or degree

** Meets competency requirement in mathematics or communications

†† Earn 9 credits total by selecting one 3-credit general elective course from each of the three areas: Cultural Env., Natural Env., Social Env.
Environmental Studies Academic Subject Certificate (ASC-EnVS)

Faculty:  P. Scheffler

The Environmental Studies Academic Subject Certificate, within the Liberal Arts degree, will provide a focus on issues concerning our environment. Some issues are unique to Hawai‘i while some are global.

In order to allow students to study environmental issues from many different angles, the curriculum of this certificate is based on an interdisciplinary approach to Environmental Studies and includes courses from Humanities, Natural Sciences, and Social Sciences.

Residency and Transfer credit:
Credits may transfer from another college for courses equivalent to the ones listed in the curriculum.

Requirements
1. Credits Required: A minimum of 16 credits is required to receive the ASC-ENVS.
2. Earn a "C" or better in each course.

Core Requirements (7 credits)
- Sci 124  Introduction to Environmental Science
- Sci 124L  Intro to Environmental Science Lab
- Ag 190V  Internship
  or
- SSci 250  Environmental Issues

Subject Areas (9 credits)
Plus one (1) course from each of the subject areas below:

Life Sciences (3 credits)
- BioC 141  Fundamentals of BioChemistry
- Biol 101  General Biology
- Biol 156  Natural History of the Hawaiian Islands
- Biol 171  Introductory Biology I
- Bot 101  General Botany
- Bot 130  Plants in Hawaiian Environment
- Zool 101  Principles of Zoology

Physical Sciences (3 credits)
- Chem 100  Chemistry and Society
- Chem 151  Elementary Survey of Chemistry
- Geog 101  Geography and the Natural Environment
- Ocn 201  Science of the Sea
- Ocn 205  Intermediate Oceanography

Social Sciences (3 credits)
- Econ 120  Principles of Economics
- Geog 102  World Regional Geography
- Geog 122  Geography of Hawai‘i
- PolS 110  Introduction to Political Science
- Soc 100  Survey of General Sociology
- Soc 218  Introduction to Social Problems
- SSci 111  Food, Water, Energy, Tech: Then & Now
- SSci 150  Ecology and Society

Fire Science (FS)

Faculty:  J. Minassian

The Fire Science Program prepares individuals with the academic knowledge for entry employment in the Fire Service field as well as meeting the needs of in-service professionals.

Upon completion of this program, students will have the knowledge to prepare for a career with federal, state and local fire and emergency service agencies, with an emphasis on Structural Fire Fighting, Wildland Fire Suppression, Hazardous Materials Incidents, Fire Prevention and Investigation, Emergency Medical Technician, Fire Management and Administration, and the Incident Command System.

After earning the Associate in Science (A.S.) Degree, students have the opportunity to pursue a Bachelor’s Degree in Fire Administration from Colorado State University (CSU) through distance learning. See Program Faculty for a list of courses that will transfer to CSU.

Health and physical requirements vary with different employers in the Fire Service field, so prospective students should seek advice before enrolling.

Program Learning Outcomes

Upon successful completion, students are prepared to:
- Meet the minimum academic training requirements of the National Fire Protection Association’s (NFPA) Standard 1001, Standard for Fire Fighter Professional Qualifications (Fire Fighter I).
- Perform as fully qualified wildland firefighters (FFT2) in accordance with National Wildfire Coordinating Group PMS 310-1 standards.
- Utilize the Incident Command System to manage a wide variety of planned and unplanned incidents.
- Demonstrate knowledge of modern fire service strategies, tactics, and management for both structural and wildland fire incidents.
- Meet the requirements for National Fire Protection Association’s (NFPA) 472, Standard for Professional Competence of Responders to Hazardous Materials Incidents for the Awareness and Operational Levels.
- Apply the principles of interpersonal communication, cooperative teamwork, supervision, and management for leadership in the fire service.
• Apply the theoretical principles of the chemistry of fire and hydraulics to solve water supply problems.
• Take the National Registry Examination for certification as an Emergency Medical Technician.

### First Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire 101</td>
<td>Essentials of Fire Suppression</td>
<td>3</td>
</tr>
<tr>
<td>Fire 101L</td>
<td>Essentials of Fire Suppression Lab</td>
<td>1</td>
</tr>
<tr>
<td>Fire 151</td>
<td>Introduction to Wildland Fire Control</td>
<td>3</td>
</tr>
<tr>
<td>Fire 156</td>
<td>Incident Command System</td>
<td>3</td>
</tr>
<tr>
<td>** Eng 100</td>
<td>Composition I (or Eng 215)</td>
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</tr>
<tr>
<td>** Math</td>
<td>Math 100 or higher</td>
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<td>**TOTAL</td>
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<tr>
<td></td>
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### Second Semester

<table>
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<tr>
<td>Fire 153</td>
<td>Advanced Wildland Firefighting</td>
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<td>Fire 157</td>
<td>Intermediate Wildland Fire Behavior</td>
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<td>Chem 100</td>
<td>Chemistry and Society (or Chem 151)</td>
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<td>Chem 100L</td>
<td>Chemistry and Society Lab (or Chem 151L)</td>
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<td>ICS 100</td>
<td>Computing Literacy and Applications (or ICS 101)</td>
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<tr>
<td>Hlth 125</td>
<td>Survey of Medical Terminology</td>
<td>1</td>
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### Third Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Fire 202</td>
<td>Fire Hydraulics</td>
<td>3</td>
</tr>
<tr>
<td>Fire 212</td>
<td>Firefighting Strategies and Tactics</td>
<td>3</td>
</tr>
<tr>
<td>Fire 215</td>
<td>Wildland/Urban Interface Operations</td>
<td>3</td>
</tr>
<tr>
<td>Biol 141</td>
<td>Human Anatomy and Physiology I</td>
<td>3</td>
</tr>
<tr>
<td>Biol 141L</td>
<td>Human Anatomy and Physiology I Lab</td>
<td>1</td>
</tr>
<tr>
<td>Elective</td>
<td>Social Environment</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>**TOTAL</td>
<td><strong>9</strong></td>
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<tr>
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<td><strong>16</strong></td>
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### Fourth Semester

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Fire 207</td>
<td>Hazardous Material Awareness/Operation</td>
<td>3</td>
</tr>
<tr>
<td>Fire 210</td>
<td>Fire Administration</td>
<td>3</td>
</tr>
<tr>
<td>Fire 217</td>
<td>Firefighter Life Safety</td>
<td>3</td>
</tr>
<tr>
<td>Biol 142</td>
<td>Human Anatomy and Physiology II</td>
<td>3</td>
</tr>
<tr>
<td>Biol 142L</td>
<td>Human Anatomy and Physiology II Lab</td>
<td>1</td>
</tr>
<tr>
<td>SpCo 251</td>
<td>Public Speaking (or SpCo 260)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>**TOTAL</td>
<td><strong>9</strong></td>
</tr>
<tr>
<td></td>
<td><strong>16</strong></td>
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### Fifth Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Fire 105</td>
<td>Emergency Medical Technician</td>
<td>7</td>
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<tr>
<td>Fire 106</td>
<td>Emergency Medical Technician Practicum</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>**TOTAL</td>
<td><strong>34</strong></td>
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<tr>
<td></td>
<td><strong>75</strong></td>
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</tr>
</tbody>
</table>

** Meets competency requirement in mathematics or communications

† Any Social Environment elective numbered 100 or above.

†† Meets requirement for Cultural Env. or Natural Env.

### Global Studies Academic Subject Certificate

**Faculty:** P. Scheffler

The interdisciplinary Global Studies Academic Subject Certificate is designed to integrate student learning across disciplines and programs and foster connections between disciplinary learning, world languages, and study abroad experiences. This certificate will provide students with the opportunity to gain awareness of and sensitivity to other cultures’ norms, practices and actions while at the same time recognizing the unique attributes of one’s own culture. It will teach them to speak and write in another language while recognizing and respecting the importance of language diversity (all languages) in global communication. It will also help them to recognize self as a part of global culture by demonstrating awareness of the interdependence of global systems: by understanding how the U.S. may be perceived world-wide; by solving problems with multiple perspectives and variables; and by making globally responsible decisions.

### Requirements

1. **Credits Required:** A total of 16 credits is required to receive the ASC-GS:
   - A minimum of 4 credits World Language study
   - A minimum of 3 credits of Study Abroad
   - A minimum of 3 credits Internationalized Courses
   - Remaining credits from any other course listed in the above categories.
2. Earn a “C” or better in each course.

### World Language (4 credits)

- **Haw 101** Elementary Hawai‘i Language I
- **Haw 102** Elementary Hawai‘i Language II
- **Haw 201** Intermediate Hawai‘i Language I
- **Haw 202** Intermediate Hawai‘i Language II
- **Jpns 101** Elementary Japanese I
- **Jpns 102** Elementary Japanese II

### Study Abroad (3 credits)

- **Art 269C** Study Abroad - Japan
- **Geog 292V** Special Topics: Study Abroad

### Internationalized Courses (3 credits)

- **AJ 180, 181, 182, 280**
- **Anth 121, 150, 200, 235**
- **Art 159, 227, 269C**
- **Asan 120, 121, 122**
- **Bot 105, 105L**
- **Econ 120, 130, 131**
- **Eng 255, 257A, 257E**

(continued on next page)
Hawai'i Life Styles Academic Subject Certificate (ASC-HWST-HLS)

The Hawai'i Life Styles ASC provides an engaging foundation for students interested in exploring and experiencing Hawaiian cultural traditions. Learners may specialize in the Subject Certificate while fulfilling the program requirements for any major at Hawai'i CC.

General Information

Students seeking the ASC-HLS must receive a grade of “C” or better in all courses. The listed requirements are subject to change. For the latest information, please visit the website, www.hawaii.hawaii.edu/liberal-arts or contact the main HLS office at (808) 934-2600. Students may also contact an advisor:

- Taupōuri Tangarō (808) 934-2575
- No’elTagah-Cruz (808) 934-2616
- Pecë Kaio (808) 934-2606
- Ku’ulei Kanahele (808) 934-2605
- E. Kalani Flores (808) 969-8875 (West HI)

Requirements

1. Credits Required: A minimum of 12 credits is required to receive the ASC-HLS.
2. A minimum of 6 credits must be completed at Hawai'i CC.
3. Minimum GPA Required: A minimum cumulative GPA of 2.0 is required.

Language Requirements (4 cr)

Choose 1:

- Haw 101 Elementary Hawai’i Language I
- Haw 102 Elementary Hawai’i Language II
- Haw 201 Intermediate Hawai’i Language I
- Haw 202 Intermediate Hawai’i Language II

Core Requirements (8 credits)

Required (3 credits)
- HwSt 100  Piko Hawai’i

Plus choose from the following (5 credits required)
- HwSt 101, 102, 103, 104, 105, 106, 107, 130, 131, 140, 141, 150, 151, 201, 204, 206, 219

Hawaiian Studies (AA-HWST)
Associate in Arts Degree

Faculty:
- E. Flores (WH) P. Kaio
- K. Kanahele A. Kiyuna
- N. Tagab-Cruz T. Tangarō

Staff:
- M. Burnett T. Naea

A two-year Baccalaureate direct transfer Associate in Arts degree consisting of 62 semester credits at the 100 and 200 levels. The Associate in Arts in Hawaiian Studies is designed for students who are preparing to transfer to a four-year college or university and who have an interest in achieving a qualification that would be beneficial in the workforce or other areas of study where a foundational knowledge of the Native Hawaiian host culture can complement their worldview.

General Information

Students interested in transferring or enrolling in the AA-HWST program are encouraged to meet with a Counselor. Please call the Counseling Office at (808) 934-2720.

For the latest information please visit the website www.hawaii.hawaii.edu/hawaiian-studies

Program Learning Outcomes

Upon successful completion, students are prepared to:

- Describe aboriginal Hawaiian linguistic, cultural, historical, and political concepts.
- Apply aboriginal Hawaiian concepts, knowledge, and methods to the areas of science, humanities, arts, and social sciences, in academics and in other professional endeavors.
- Engage, articulate, and analyze topics relevant to the aboriginal Hawaiian community using college-level research and writing methods.

To earn the Associate in Arts in Hawaiian Studies Degree from Hawai'i CC, a student must meet the following requirements:

1. Credits Required: A total of 62 credits earned at or transferred to Hawai'i CC in 100-200 level courses
2. A minimum of 12 credits must be completed at Hawai'i CC
3. Minimum GPA Required: A minimum cumulative GPA of 2.0 is required for graduation
4. CR/NC option may be used to satisfy area and general elective requirements (Policy Haw 5.503)
Foundations (12 credits)

Written Communication (FW) (3 credits):
• Eng 100 (Writing)

Quantitative Reasoning (FQ) (3 credits):
• Math 100‡

Global & Multicultural Perspectives (FG) (6 credits) in 2 different groups:
• Group A - Prehistory to 1500: Hist 151
• Group B - 1500 to Modern Times: Hist 152
• Group C - Prehistory to Modern Times: (none at this time)

Hawai‘i CC Required Courses (6 credits)

College Reading Skills:
• Eng 102 (Reading)

Communication Skills:
• SpCo 151

Graduation Requirements

Writing Intensive:
• One WI course with a “C” or better grade

Hawaiian Language and Hawaiian Studies

Requirements (12 credits)

Hawaiian Language (8 credits):
• Haw 101, 102

Hawaiian Studies (4 credits):
• HwSt 103, 107

Specializations (13 credits)

Choose one group
• Hula (13 credits): 130, 131, 230, 231
• Kapuahi Foundations (13 credits, at least 2 courses must be at the 200-level): Haw 201, 202, HwSt 101, 102, 103, 105, 106, 140, 141, 150, 151, 201, 204, 206, 219, 260, 261

Diversifications (19 credits)

Diversifications - Arts, Humanities, Literature: Six (6) credits required in 2 different areas (DA required):

Diversification - Humanities (DH):
• HwSt 100 (Required)

Diversification - Literature (DL):
• HwSt 104 (Required)

Diversifications - Natural Sciences: Seven (7) credits: three (3) credits from Biological Sciences, and (3) credits from Physical Sciences. One of these courses must be accompanied by a one (1) credit Natural Science Lab:

Diversification - Biological Sciences (DB):
• Biol 100, 101, 156
• Bot 101
• Micr 130
• Sci 124

Diversification - Physical Sciences (DP):
• Astr 110
• Chem 100
• Phys 105

Diversification - Natural Science Lab (DY):
• Biol 100L, 101L, 156L
• Chem 100L
• Micr 130L
• Sci 124L

Diversifications - Social Sciences: Six (6) credits required in 2 different alphas:

Diversification - Social Sciences (DS):
• Anth 150, 200
• ECEd 131
• FamR 230
• Geog 122
• HSer 110
• Psy 100, 170, 275
• Soc 100, 218
• SSci 111
• WS 151

NOTE: Students may not use Independent/Directed Studies courses (marked 199 or 299) to meet area requirements unless prior permission is given by the advisor and the Vice Chancellor for Academic Affairs.

Additionally, courses numbered 99 or below are not applicable toward an Associate in Arts degree.
Hospitality and Tourism (HOST)

Faculty: G. Baron

The Hospitality and Tourism program is designed to provide job training for entry-level and first line supervisory level positions in the hospitality/visitor industry. Offering educational training in the field of hospitality/visitor industry will ensure a skilled pool of workers is continuously available to meet the industry’s employment demand on the Island of Hawai’i. Additionally, making a career path possible to local workers strengthens the human assets of our community. The program was established to:

• Meet the growing needs of the hotels and related hospitality/visitor organizations by training existing and future employees in basic skills needed to obtain entry-level and supervisory positions.
• Provide job upgrading skills necessary for career advancement in the hospitality/visitor industry.
• Develop skills in verbal and written communication.
• Develop skills in distance learning that will promote lifelong learning.

Program Learning Outcomes

Upon successful completion, students are prepared to:

• Effectively and purposely use verbal and nonverbal language about Hospitality and Tourism topics with confidence, and appropriate to the audience.
• Use critical thinking skills to effectively synthesize and evaluate information from assigned readings and articles through written memos, reports, reflective notes, and essay exams.
• Conduct presentation projects that include Internet research and visual media.
• Interact with others through team-building speeches and visual-oral presentations, which are designed to promote teamwork solutions and teach teamwork principles. Values such as respect for diversity, the need for fairness, empathy, and human dignity are stressed.
• Demonstrate self-management related to the Hospitality Industry through practices that promote physical, mental, and emotional health.

First Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>CO</th>
<th>CA</th>
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<tr>
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<tr>
<td>HosT 101</td>
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<td>3</td>
<td>3</td>
</tr>
<tr>
<td>HosT 150</td>
<td>3</td>
<td>3</td>
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<tr>
<td>HosT 152</td>
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<tr>
<td>Eng 100</td>
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Second Semester

<table>
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<th>AAS</th>
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<tbody>
<tr>
<td>HosT 154</td>
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<tr>
<td>HosT 258</td>
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<tr>
<td>HosT 260</td>
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<tr>
<td>HosT 290</td>
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<tr>
<td>** Math 100</td>
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<tr>
<td>(not Math 120)</td>
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Third Semester

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<tr>
<td>** Acc 130</td>
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<tr>
<td>Hospital Accounting I</td>
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<tr>
<td>(or Acc 124 or 201)</td>
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<tr>
<td>HwSt 101</td>
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<tr>
<td>†† Hawai'i Culture I: 'Aikapu (or any 3-credit HwSt course that meets Cultural Env. requirement for A.A.S.)</td>
<td>-</td>
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<td>3</td>
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<tr>
<td>* HosT 261</td>
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<td>* HosT 265</td>
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Fourth Semester

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<tbody>
<tr>
<td>Bus 120</td>
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</tr>
<tr>
<td>†† Principles of Business</td>
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<tr>
<td>Computer Literacy</td>
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<tr>
<td>ICS 100, ICS 101, or Busn 150</td>
<td>-</td>
<td>3</td>
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</tr>
<tr>
<td>* HosT 293V</td>
<td>-</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Hospitality Accounting I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>* HosT 295</td>
<td>-</td>
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<tr>
<td>Hospitality Capstone</td>
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<tr>
<td>Elective</td>
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<td>(numbered 100 or higher)</td>
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<td>TOTAL</td>
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<td>36</td>
<td>60</td>
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</table>

Human Services (HSER)

Faculty: S. Claveria

This certificate prepares students for entry- and mid-level entry employment in such diverse settings as group homes and halfway houses; correctional, developmentally delayed, and community mental health centers; family, child and youth agencies; and programs concerned with special needs such as alcoholism, drug abuse, family violence, homelessness, and aging.

Program Learning Outcomes

Upon successful completion, students are prepared to:

• Portray a respectful attitude harmonizing with place, culture, and diverse perspectives, through a reflection of values and self awareness.
• Evaluate employment and educational opportunities through a comprehensive awareness of the function of Human Services in the community.
• Utilize communication skills and implement strategies to assess the multiple causes of social issues and concerns.

Human Services Requirements

<table>
<thead>
<tr>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>HSER 110</td>
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<tr>
<td>** HSER 193</td>
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<tr>
<td>Human Services Practicum I</td>
<td>3</td>
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<tr>
<td>** HSER 293</td>
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</tr>
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<td>Human Services Practicum II</td>
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</tr>
<tr>
<td>Psy</td>
<td>3</td>
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<td>Psy 100 or Psy 170</td>
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<tr>
<td>Eng</td>
<td>3</td>
</tr>
<tr>
<td>Eng 22 or (ESL 22G and ESL 22W) or higher</td>
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<tr>
<td>Soc. Env. option courses approved by HServ. Coordinator</td>
<td>6</td>
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<tr>
<td>TOTAL</td>
<td>21</td>
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</table>

* A grade of “C” or better is required to earn a certificate and/or degree
** Meets competency requirement in mathematics or communications
†† Meets requirement for Cultural Env., Natural Env. or Social Env.
**Information Technology (IT)**

The Information Technology program is a career-laddered, competency-based program that provides training in the use and support of business-related computer systems, data communication networks (including local area networks), and the development of business computer information systems programs using procedural, event-driven and object-oriented programming techniques.

The program includes a combination of business, computer, and information technology courses. Campus-based computer and networking projects, faculty supervised laboratories, and workplace internships provide hands-on experience designed to prepare students for positions in computer support, programming, network administration, or systems development in a business information technology system. The program focuses on computers and information technology as tools to solve business problems.

**Program Learning Outcomes**

Upon successful completion, students are prepared to:

- Information Systems - Plan, develop, and implement the hardware, software, and procedural components of a data processing system in a business environment.
- Networking - Plan, develop, and implement the hardware, software, and procedural components of a data communications system in a business environment.
- Programming - Plan, develop, implement, and document computer programs that meet the data processing requirements of a business organization.
- Productivity - Work independently and cooperatively to deliver reports, programs, projects, and other deliverables that document a business organization’s information technology requirements.
- Legal/Ethical/Professional - Base decisions and actions on the legal, ethical, and professional guidelines and practices of the information technology field.
- Explore - Demonstrate the ability to search, analyze, and synthesize current information and solutions in the rapidly changing information technology profession.

**Entry Requirements**

- Proficiency levels in reading, writing and/or mathematics are required to register for some or all of the Program courses:

<table>
<thead>
<tr>
<th>Subject Area</th>
<th>Course Completion or Placement into course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>Math 22 or 24</td>
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<tr>
<td></td>
<td>Math 26 or Math 76</td>
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<tr>
<td>Reading</td>
<td>Eng 21 or ESL 21</td>
</tr>
<tr>
<td></td>
<td>Eng 102</td>
</tr>
</tbody>
</table>

**First Semester**

<table>
<thead>
<tr>
<th>Subject Area</th>
<th>Course Completion or Placement into course</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICS 101</td>
<td>Digital Tools for the Information World</td>
</tr>
<tr>
<td>ITS 103</td>
<td>Introduction to the Programming Process</td>
</tr>
<tr>
<td>ITS 104</td>
<td>Computer Hardware Support</td>
</tr>
<tr>
<td>Acc 201</td>
<td>Intro to Financial Accounting</td>
</tr>
<tr>
<td>** Eng 102</td>
<td>College Reading Skills</td>
</tr>
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**Second Semester**

<table>
<thead>
<tr>
<th>Subject Area</th>
<th>Course Completion or Placement into course</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITS 108</td>
<td>Computer Software Support</td>
</tr>
<tr>
<td>ITS 118</td>
<td>Visual Programming for Busn Applications</td>
</tr>
<tr>
<td>ITS 121</td>
<td>Computing Topics</td>
</tr>
<tr>
<td>Eng 100</td>
<td>Composition I</td>
</tr>
<tr>
<td>Math 100</td>
<td>Survey of Mathematics or higher</td>
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</table>

**Third Semester**

<table>
<thead>
<tr>
<th>Subject Area</th>
<th>Course Completion or Placement into course</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITS 129</td>
<td>Introduction to Databases</td>
</tr>
<tr>
<td>ITS 215</td>
<td>Network Administration</td>
</tr>
<tr>
<td>ITS 218</td>
<td>Help Desk Support</td>
</tr>
<tr>
<td>SpCo 151</td>
<td>Intro to Speech and Communication</td>
</tr>
<tr>
<td>Elective ††</td>
<td>Cultural Env., Natural Env., Social Env.†</td>
</tr>
</tbody>
</table>

**Fourth Semester**

<table>
<thead>
<tr>
<th>Subject Area</th>
<th>Course Completion or Placement into course</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITS 124</td>
<td>Introduction to Networking</td>
</tr>
<tr>
<td>ITS 221</td>
<td>Advanced Computing Topics</td>
</tr>
<tr>
<td>ITS 287</td>
<td>IT Internship Preparation</td>
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<tr>
<td>ITS 288</td>
<td>IT Program Internship</td>
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<tr>
<td>Electives ††</td>
<td>Cultural Env., Natural Env., Social Env.†</td>
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**Computer Support Certificate of Competence**

<table>
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<th>Subject Area</th>
<th>Course Completion or Placement into course</th>
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<tbody>
<tr>
<td>ICS 101</td>
<td>Digital Tools for the Information World</td>
</tr>
<tr>
<td>ITS 104</td>
<td>Computer Hardware Support</td>
</tr>
<tr>
<td>ITS 108</td>
<td>Computer Software Support</td>
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</table>

**Information Security and Assurance Certificate of Competence**

<table>
<thead>
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<th>Subject Area</th>
<th>Course Completion or Placement into course</th>
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</thead>
<tbody>
<tr>
<td>ICS 101</td>
<td>Digital Tools for the Information World</td>
</tr>
<tr>
<td>ITS 121</td>
<td>Computing Topics</td>
</tr>
<tr>
<td>ITS 124</td>
<td>Introduction to Networking</td>
</tr>
<tr>
<td>ITS 215</td>
<td>Network Administration</td>
</tr>
<tr>
<td>ITS 221</td>
<td>Advanced Computing Topics</td>
</tr>
<tr>
<td>ICS 281</td>
<td>Ethical Hacking</td>
</tr>
<tr>
<td>ICS 282</td>
<td>Computer Forensics</td>
</tr>
</tbody>
</table>

* A grade of “C” or better is required to earn a certificate and/or degree
** Meets competency requirement in mathematics or communications
† Any Social Environment elective other than ICS 100.
†† Earn 9 credits total by selecting one 3-credit general elective course from each of the three areas: Cultural Env., Natural Env., Social Env. All elective courses must be numbered 100 or above.
The Associate in Arts degree Program, also referred to as the Liberal Arts (LBRT) Program, is designed for students who are preparing themselves to transfer to a four-year college or university.

Program Learning Outcomes

Upon successful completion, students are prepared to:

• Communicate Effectively - Speak and write to communicate information and ideas in academic settings.
• Think Critically - Retrieve, read, and utilize information and synthesize, analyze, and evaluate that information to gain understanding and make informed decisions.
• Reason Quantitatively - Use quantitative, logical, and symbolic reasoning to address theoretical and real-world problems.
• Apply Areas of Knowledge - Utilize methods, perspectives, and content of selected disciplines in the natural sciences, social sciences, and humanities.
• Engage as Global Citizens - Demonstrate awareness of the relationship between self, community, and the environment, respecting cultural diversity and an understanding of ethical behavior.

To earn the Associate in Arts Degree in Liberal Arts (LBRT) from Hawai‘i CC, a student must meet the following requirements:

1. Credits Required: A total of 60 credits earned at or transferred to Hawai‘i CC in 100-200 level courses
2. A minimum of 12 credits must be completed at Hawai‘i CC
3. Minimum GPA Required: A minimum cumulative GPA of 2.0 is required for graduation
4. CR/NC option may be used to satisfy area and general elective requirements (Policy Haw 5.503)
Diversification - Literature (DL):
- Eng 255, 256, 257A, 257E
- HwSt 104

**Diversifications - Natural Sciences**: Seven (7) credits: three (3) credits from Biological Sciences, and (3) credits from Physical Sciences. One of these courses must be accompanied by a one (1) credit Natural Science Lab:

Diversification - Biological Sciences (DB):
- Biol 100, 101, 156
- Bot 101
- Micr 130
- Sci 124

Diversification - Physical Sciences (DP):
- Astr 110
- Chem 100
- Phys 105

Diversification - Natural Science Lab (DY):
- Biol 100L, 101L, 156L
- Chem 100L
- Micr 130L
- Sci 124L

**Diversifications - Social Sciences**: Six (6) credits required in 2 different alphas:

Diversification - Social Sciences (DS):
- Anth 150, 200
- ECEd 131
- FamR 230
- Geog 122
- HSer 110
- Psy 100, 170, 275
- Soc 100, 218
- SSci 111
- WS 151

**Electives (23 credits)**
Other 100-level and above courses may be taken at Hawai‘i CC or transferred in to Hawai‘i CC as electives.

**NOTE**: Students may not use Independent/Directed Studies courses (marked 199 or 299) to meet area requirements unless prior permission is given by the advisor and the Vice Chancellor for Academic Affairs.

Additionally, courses numbered 99 or below are not applicable toward an Associate in Arts degree.

**Writing Intensive Courses**
A variety of courses are offered which are writing intensive (WI). These courses require students to do a significant amount of writing totalling a minimum of 4,000 words. Writing is emphasized as an essential tool for learning, course material, and a major element in determining a student’s course grade. In WI courses, an opportunity is provided for interaction between the instructor and student as a part of the writing process. WI courses have a minimum prerequisite of completion of Eng 100 with a grade of “C” or better. Completion of one WI course with a grade of “C” or better is required for the AA-LBRT degree and the AA-HWST degree at Hawai‘i CC. Students who are planning to transfer to a four-year college or university are advised to check on that institution’s WI requirements and are recommended to take two or three Writing Intensive courses at Hawai‘i CC.

**Sustainability and S-designated courses**
Hawai‘i CC offers a designation of “S” for courses which teach students about sustainability across a variety of academic disciplines. These courses are designed to meet the system-wide goals to teach students ecological literacy and address local and global environmental challenges. While not a graduation requirement, S-designated courses allow students from all majors and programs to deepen their knowledge of core concepts of sustainability utilizing a cross-disciplinary approach. The designation can steer students towards courses that address issues of sustainability and encourage students to learn about social justice, cultural, economic, political, scientific, green building, and artistic approaches to sustainability, recognizing the valuable contributions from each academic discipline. The S-designation of a particular section of a course indicates that the instructor has chosen to integrate sustainability themes into the course content and promotes active student engagement with global and local environmental issues.

Sustainability designated courses may be either S-focused or S-related.

- **S-focused**: these courses focus primarily on sustainability from within a given academic discipline and/or the course will examine an issue or topic using sustainability as a lens. Course content is at least 60% focused on sustainability.
- **S-related**: these courses incorporate a unit, module, or assignment on sustainability. A minimum of 10% of the course content is focused on sustainability.

**Fulfillment of General Education Requirement**
Effective Fall 1994, students who have earned an articulated Associate in Arts (A.A.) degree from any University of Hawai‘i Community College shall be accepted as having fulfilled the general education core requirements at all other University of Hawai‘i campuses. While an articulated A.A. degree satisfies general education core requirements, students must also complete all specialized lower-division, major, college and degree/graduation requirements. Additional campus-specific requirements, such as competency in a foreign language or writing-intensive courses, may also be required. With planning, most, if not all, of the requirements may be incorporated into the A.A. degree; if not, they are required in addition to the A.A. degree.
Liberal Arts/Associate in Arts with a Concentration in Administration of Justice (LBRT)

This concentration provides students with a background in the scientific and experimental study of the Administration of Justice system. It focuses on the three major components of the AJ system in the United States, including the aspects of law enforcement; the state and federal judicial process; and local, state, and federal correctional systems. It also explores the historical and current economic, political, and societal issues of the AJ systems, and how they affect individuals, families, communities, and the greater society. It prepares students to transfer to a four-year institution that offers a degree in Administration of Justice, Criminal Justice, or related Social Sciences disciplines, and is a specific pathway for those who are interested in transferring to the University of Hawai’i at Hilo to pursue a degree in Administration of Justice.

Foundations (12 credits)

Written Communication (FW) (3 credits):
• Eng 100 (Writing)

Quantitative Reasoning (FQ) (3 credits):
• Math 100‡ or Math 115 or Math 135

Global & Multicultural Perspectives (FG) (6 credits) in 2 different groups:
• Group A - Prehistory to 1500: Hist 151, WS 175
• Group B - 1500 to Modern Times: Geog 102, Hist 152, WS 176
• Group C - Prehistory to Modern Times: (none at this time)

‡ Students who intend to transfer may require a course higher than Math 100

Hawai’i CC Required Courses (6 credits)

College Reading Skills:
• Eng 102 (Reading)

Communication Skills:
• SpCo 151

Graduation Requirements

Writing Intensive:
• One WI course with a “C” or better grade

Hawaiian-Asian-Pacific Cultures:
• One course (from Diversifications or Electives)

NOTE: Hawai’i CC does not have the Hawaiian-Asian-Pacific Cultures (HAP) designation. Hawai’i CC will use the following FHAP (formerly Asian/Pacific Culture) courses instead:
• Art 227
• Asan 120, 121, 122
• Eng 257A

Diversifications (19 credits)

Diversifications - Arts, Humanities, Literature: Six (6) credits required in 2 different areas:

Diversification - Arts (DA):
• Art 101, 114
• Eng 204

Diversification - Humanities (DH):
• Asan 120
• Hist 153, 154
• HwSt 100, 107
• Phil 100, 101, 102, 120

Diversification - Literature (DL):
• Eng 255, 256, 257A, 257E
• HwSt 104

Diversifications - Natural Sciences: Seven (7) credits: three (3) credits from Biological Sciences, and (3) credits from Physical Sciences. One of these courses must be accompanied by a one (1) credit Natural Science Lab:

Diversification - Biological Sciences (DB):
• Biol 100, 101, 156
• Bot 101
• Micr 130
• Sci 124

Diversification - Physical Sciences (DP):
• Astr 110
• Chem 100
• Phys 105

Diversification - Natural Science Lab (DY):
• Biol 100L, 101L, 156L
• Chem 100L
• Micr 130L
• Sci 124L

(continued on next column)
Diversifications - Social Sciences: Six (6) credits required in 2 different alphas:

Diversification - Social Sciences (DS):
- Psy 100
- Soc 100

AJ Concentration Electives (23 credits)
- AJ 101, 103, 130† (see HSer/Subs 130), 131, 150, 180, 208† (see Soc 208), 210, 220, 221, 256† (see HSer/WS 256), 280, 285
- Soc 130† (see AJ/Subs 130), 256† (see AJ/WS 256)
- Soc 208† (see AJ 208)
- Subs 130† (see AJ/HSer 130), 132, 268
- WS 151, 256† (see AJ/HSer 256)

† Cross-listed courses (appearing in multiple areas or listed as different alphas) count only once for graduation requirements.

Liberal Arts/Associate in Arts with a Concentration in Art (LBRT)

This concentration provides students with a strong studio art experience and curriculum that integrates conceptual and technical artistic skills with personal and creative exploration. It prepares students to transfer to a four-year institution to further their studies in the various areas of studio art including ceramics, design, drawing, painting, photography, and sculpture, or to continue on their journey of becoming a professional artist. This concentration was also designed to be a specific pathway for those who are interested in transferring to the University of Hawai‘i at Hilo to pursue a degree in Art.

Foundations (12 credits)
Written Communication (FW) (3 credits):
- Eng 100 (Writing)
Quantitative Reasoning (FQ) (3 credits):
- Math 100‡ or Math 115 or Math 135
Global & Multicultural Perspectives (FG) (6 credits) in 2 different groups:
- Group A - Prehistory to 1500: Hist 151, WS 175
- Group B - 1500 to Modern Times: Geog 102, Hist 152, WS 176
- Group C - Prehistory to Modern Times: (none at this time)

‡ Students who intend to transfer may require a course higher than Math 100

Hawai‘i CC Required Courses (6 credits)
College Reading Skills:
- Eng 102 (Reading)
Communication Skills:
- SpCo 151

Graduation Requirements

Writing Intensive:
- One WI course with a “C” or better grade

Hawaiian-Asian-Pacific Cultures:
- One course (from Diversifications or Electives)
NOTE: Hawai‘i CC does not have the Hawaiian-Asian-Pacific Cultures (HAP) designation. Hawai‘i CC will use the following FHAP (formerly Asian/Pacific Culture) courses instead:
- Art 227
- Asan 120, 121, 122
- Eng 257A
- Hist 153, 154, 241, 242, 284, 288
- Phil 102
- Rel 152
- SpCo 233

Diversifications (19 credits)
Diversifications - Arts, Humanities, Literature: Six (6) credits required in 2 different areas (DA required):

Diversification - Arts (DA):
- Art 114 (Required)

Diversification - Humanities (DH):
- Asan 120
- Hist 153, 154
- HwSt 100, 107
- Phil 100, 101, 102, 120

Diversification - Literature (DL):
- Eng 255, 256, 257A, 257E
- HwSt 104

Diversifications - Natural Sciences: Seven (7) credits: three (3) credits from Biological Sciences, and (3) credits from Physical Sciences. One of these courses must be accompanied by a one (1) credit Natural Science Lab:

Diversification - Biological Sciences (DB):
- Biol 100, 101, 156
- Bot 101
- Micr 130
- Sci 124

Diversification - Physical Sciences (DP):
- Astr 110
- Chem 100
- Phys 105
Diversification - Natural Science Lab (DY):
- Biol 100L, 101L, 156L
- Chem 100L
- Micr 130L
- Sci 124L

Diversification - Social Sciences:
Six (6) credits required in 2 different alphas:
- Diversification - Social Sciences (DS):
  - Anth 150, 200
  - ECEd 131
  - FamR 230
  - Geog 122
  - HSer 110
  - Psy 100, 170, 275
  - Soc 100, 218
  - SSci 111
  - WS 151

Art Concentration Electives (23 credits)
- Art 112*, 113*, 115*, 202*, 209*, 293* or 294*
- Ent 125*

Choose any one course numbered 100 or above of 2 credits of General Electives

* A grade of “C” or better is required to earn a degree

Liberal Arts/Associate in Arts with a Concentration in History (LBR)

This concentration provides students with a strong History foundation. It prepares students to transfer to a four-year institution to major in History and is a specific pathway for those who are interested in transferring to the University of Hawai‘i at Hilo to pursue a degree in History.

Foundations (12 credits)
Written Communication (FW) (3 credits):
- Eng 100 (Writing)
Quantitative Reasoning (FQ) (3 credits):
- Math 100‡ or Math 115 or Math 135
Global & Multicultural Perspectives (FG) (6 credits) in 2 different groups:
- Group A - Prehistory to 1500: Hist 151*
- Group B - 1500 to Modern Times: Hist 152*
- Group C - Prehistory to Modern Times: (none at this time)

‡ Students who intend to transfer may require a course higher than Math 100

Hawai‘i CC Required Courses (6 credits)
College Reading Skills:
- Eng 102 (Reading)
Communication Skills:
- SpCo 151

Graduation Requirements
Writing Intensive:
- One WI course with a “C” or better grade

Hawaiian-Asian-Pacific Cultures:
- One course (from Diversifications or Electives)

NOTE: Hawai‘i CC does not have the Hawaiian-Asian-Pacific Cultures (HAP) designation. Hawai‘i CC will use the following FHAP (formerly Asian/Pacific Culture) courses instead:
- Art 227
- Asan 120, 121, 122
- Eng 257A
- Hist 153, 154, 241, 242, 284, 288
- Phil 102
- Rel 152
- SpCo 233

Diversifications (19 credits)
Diversifications - Arts, Humanities, Literature: Six (6) credits required in 2 different areas:

Diversification - Arts (DA):
- Art 101, 114
- Eng 204

Diversification - Humanities (DH):
- Asan 120
- Hist 153†, 154†
- HwSt 100, 107
- Phil 100, 101, 102, 120

Diversification - Literature (DL):
- Eng 255, 256, 257A, 257E
- HwSt 104
Diversifications - Natural Sciences: Seven (7) credits: three (3) credits from Biological Sciences, and (3) credits from Physical Sciences. One of these courses must be accompanied by a one (1) credit Natural Science Lab:

Diversification - Biological Sciences (DB):
- Biol 100, 101, 156
- Bot 101
- Micr 130
- Sci 124

Diversification - Physical Sciences (DP):
- Astr 110
- Chem 100
- Phys 105

Diversification - Natural Science Lab (DY):
- Biol 100L, 101L, 156L
- Chem 100L
- Micr 130L
- Sci 124L

Diversifications - Social Sciences: Six (6) credits required in 2 different alphas:

Diversification - Social Sciences (DS):
- Anth 150, 200
- ECEd 131
- FamR 230
- Geog 122
- HSer 110
- Psy 100, 170, 275
- Soc 100, 218
- SSci 111
- WS 151

History Concentration Electives (23 credits)
Required:
- ICS 101*

Choose five 3-credit courses from the following:
- Hist 120, 153†, 154†, 241, 242, 274, 284, 288

Choose 5 credits of General Electives numbered 100 or above
- Recommended: Econ 131, Geog 102, HwSt 100

* UH Hilo requires that these courses be passed with a “C” or better grade
† Cross-listed courses (appearing in multiple areas or listed as different alphas) count only once for graduation requirements.

Liberal Arts/Associate in Arts with a Concentration in Psychology (LBRT)
This concentration provides students with a strong Psychology foundation. It prepares students to transfer to a four-year institution to major in Psychology and is a specific pathway for those who are interested in transferring to the University of Hawai‘i at Hilo to pursue a degree in Psychology.

Foundations (12 credits)
Written Communication (FW) (3 credits):
- Eng 100 (Writing)
Quantitative Reasoning (FQ) (3 credits):
- Math 115 or Math 135
Global & Multicultural Perspectives (FG) (6 credits) in 2 different groups:
- Group A - Prehistory to 1500: Hist 151, WS 175
- Group B - 1500 to Modern Times: Geog 102, Hist 152, WS 176
- Group C - Prehistory to Modern Times: (none at this time)

Hawai‘i CC Required Courses (6 credits)
College Reading Skills:
- Eng 102 (Reading)
Communication Skills:
- SpCo 151

Graduation Requirements
Writing Intensive:
- One WI course with a “C” or better grade

Hawaiian-Asian-Pacific Cultures:
- One course (from Diversifications or Electives)
  NOTE: Hawai‘i CC does not have the Hawaiian-Asian-Pacific Cultures (HAP) designation. Hawai‘i CC will use the following FHAP (formerly Asian/Pacific Culture) courses instead:
- Art 227
- Asan 120, 121, 122
- Eng 257A
- Hist 153, 154, 241, 242, 284, 288
- Phil 102
- Rel 152
- SpCo 233

Diversifications (19 credits)
Diversifications - Arts, Humanities, Literature: Six (6) credits required in 2 different areas:

Diversification - Arts (DA):
- Art 101, 114
- Eng 204
Diversification - Humanities (DH):
• Asan 120
• Hist 153, 154
• HwSt 100, 107
• Phil 100, 101, 102, 120

Diversification - Literature (DL):
• Eng 255, 256, 257A, 257E
• HwSt 104

Diversifications - Natural Sciences: Seven (7) credits: three (3) credits from Biological Sciences, and (3) credits from Physical Sciences. One of these courses must be accompanied by a one (1) credit Natural Science Lab:

Diversification - Biological Sciences (DB):
• Biol 100, 101, 156
• Bot 101
• Micr 130
• Sci 124

Diversification - Physical Sciences (DP):
• Astr 110
• Chem 100
• Phys 105

Diversification - Natural Science Lab (DY):
• Biol 100L, 101L, 156L
• Chem 100L
• Micr 130L
• Sci 124L

Diversifications - Social Sciences: Six (6) credits required in 2 different alphas:

Diversification - Social Sciences (DS):
• FamR 230
• Psy 100

Psychology Concentration Electives (23 credits)
• HSer 110, 193, 293
• Psy 213, 214, 275
Choose one 3-credit course from the following:
• Psy 170, 251, 260, 270
• Soc 100

Liberal Arts/Associate in Arts with a Concentration in Sociology (LBRT)
This concentration provides students with a strong Sociology foundation. It prepares students to transfer to a four-year institution to major in Sociology and is a specific pathway for those who are interested in transferring to the University of Hawai‘i at Hilo to pursue a degree in Sociology.

Foundations (12 credits)
Written Communication (FW) (3 credits):
• Eng 100 (Writing)
Quantitative Reasoning (FQ) (3 credits):
• Math 115 or Math 135
Global & Multicultural Perspectives (FG) (6 credits) in 2 different groups:
• Group A - Prehistory to 1500: Hist 151, WS 175
• Group B - 1500 to Modern Times: Geog 102, Hist 152, WS 176
• Group C - Prehistory to Modern Times: (none at this time)

Hawai‘i CC Required Courses (6 credits)
College Reading Skills:
• Eng 102 (Reading)
Communication Skills:
• SpCo 151

Graduation Requirements
Writing Intensive:
• One WI course with a “C” or better grade

Hawaiian-Asian-Pacific Cultures:
• One course (from Diversifications or Electives)
  NOTE: Hawai‘i CC does not have the Hawaiian-Asian-Pacific Cultures (HAP) designation. Hawai‘i CC will use the following FHAP (formerly Asian/Pacific Culture) courses instead:
  • Art 227
  • Asan 120, 121, 122
  • Eng 257A
  • Hist 153, 154, 241, 242, 284, 288
  • HwSt 100, 101, 102, 103, 104, 105, 106, 107, 130, 131, 140, 141, 150, 151, 160, 161, 201, 204, 206, 219, 230, 231, 240, 241, 250, 251, 260, 261
  • Phil 102
  • Rel 152
  • SpCo 233

Diversifications (19 credits)
Diversifications - Arts, Humanities, Literature: Six (6) credits required in 2 different areas:

Diversification - Arts (DA):
• Art 101, 114
• Eng 204
Diversification - Humanities (DH):
- Asan 120
- Hist 153, 154
- HwSt 100, 107
- Phil 100, 101, 102, 120

Diversification - Literature (DL):
- Eng 255, 256, 257A, 257E
- HwSt 104

**Diversifications - Natural Sciences:** Seven (7) credits: three (3) credits from Biological Sciences, and (3) credits from Physical Sciences. One of these courses must be accompanied by a one (1) credit Natural Science Lab:

Diversification - Biological Sciences (DB):
- Biol 100, 101, 156
- Bot 101
- Micr 130
- Sci 124

Diversification - Physical Sciences (DP):
- Astr 110
- Chem 100
- Phys 105

Diversification - Natural Science Lab (DY):
- Biol 100L, 101L, 156L
- Chem 100L
- Micr 130L
- Sci 124L

**Diversifications - Social Sciences:** Six (6) credits required in 2 different alphas:

Diversification - Social Sciences (DS):
- Psy 100
- Soc 100

**Sociology Concentration Electives (23 credits)**
- HSer 110, 193, 293
- Psy 213
- Soc 200

Choose three 3-credit courses from the following:
- Soc 208, 218, 251, 265, 289, 290

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**Liberal Arts/Associate in Arts**

**Exploratory Majors**

Exploratory majors are designed to use the students’ interests as a starting point and to help provide structure and narrow choices for student success. At the University of Hawai‘i Community Colleges, Exploratory Majors are designed primarily for Liberal Arts students who are unclear as to what they want to do, but have some idea of the general area they want to study. Exploratory majors will have a defined set of courses that are applicable to the students’ terminal or transfer degrees. Within a well-defined set time frame, students are counseled into a specific major or concentration.

Hawai‘i CC offers Exploratory Majors in:
- **Business (AA-LBRT-EXB)** - with pathways to UH Hilo in Accounting and/or General Business.
- **Health Sciences (AA-LBRT-EXHS)** - with pathways to UH Hilo in Kinesiology and/or Pre-Nursing.

For more information on Exploratory Majors, please contact the Counseling Office in Hilo at (808) 934-2720 or the Pālamanui Student Services Office at (808) 969-8816.
Machine, Welding and Industrial Mechanics Technologies (MWIM)

Faculty:  C. Ducusin  D. Miyashiro

This program prepares the student for employment in the metalworking and mechanical/maintenance trades. Employment may be in construction, food processing, manufacturing, utilities, astronomical observatories, or related industries. The job requires good physical health, above average eye/hand coordination, mechanical reasoning, and good form perception and spatial relationship. Job responsibilities may include fabricating, repairing, or maintaining metal products on equipment, buildings, and systems.

Program Learning Outcomes

Upon successful completion, students are prepared to:

• Demonstrate mechanical reasoning; form perception and spatial relations; numerical reasoning and communication skills as a part of the basic entry-level skills and knowledge to gain employment in the Machining, Welding, Industrial Mechanics or related fields.

• Demonstrate the attributes of a good employee; good safety practices; positive work ethics; working collaboratively or independently under supervision; an awareness of hazardous materials and a responsibility for the orderliness and cleanliness of the workplace.

• Demonstrate eye and hand coordination and dexterity in the proper set-up and use of the basic machine tools and equipment; metalworking equipment; the common welding and cutting processes; industrial mechanics equipment; material handling equipment and related machinery.

• Demonstrate the applications of and the ability to use the common hand tools; layout tools; measuring tools; precision measuring tools; common cutting and forming tools, tools used with the common fasteners and specialty tools, and the common metalworking and mechanic tools.

• Demonstrate form perception and spatial relations in the applications of geometric construction; the three common methods of pattern development; industrial practices in framing and structural fabrication; practices in welding joint design and joint preparation and the common machine shop operations and practices.

• Demonstrate the skills of a life-long learner; the ability to read blueprints; knowledge of metals and the common materials and supplies; the ability to do the work related math; and the ability to communicate and read technical resources.

First Semester  CO  CA  AAS  

* MWIM 42  Intro to Machine and Welding  8 8 8
* MWIM 45  Intro to Arc Welding  4 4 4
** Eng 102  College Reading Skills  (or Eng 100 or Eng 106)  - - 3
** QM 120T  Quantitative Methods for Trans Tech  (or Math 100 or higher (not Math 120))  - - 3

TOTAL  12 12 18

Second Semester  CO  CA  AAS  

* MWIM 55  Intern Welding & Qual Procedures  4 4 4
* MWIM 52  Sheet Metal Machining  - 8 8
Blpr 30D  Blpr Reading for Machine Trades  - 3 3
Elective ††  Cultural, Natural, Social Env.  - - 3
TOTAL  4 15 18

Third Semester  CO  CA  AAS  

* MWIM 62  Lathe Facing and Knurling  - 4 4
* MWIM 65  Advanced Welding  - 8 8
Blpr 30B  Blueprint Reading for Welders  - 3 3
Elective ††  Cultural, Natural, Social Env.  - - 3
TOTAL  - 15 18

Fourth Semester  CO  CA  AAS  

* MWIM 72  Intro to CNC Milling  - 4 4
* MWIM 75  Special Process Welding & Rigging  - 8 8
Elective ††  Cultural, Natural, Social Env.  - - 3
TOTAL  - 12 15

TOTAL  16 54 69

* A grade of “C” or better is required to earn a certificate and/or degree
** Meets competency requirement in mathematics or communications
†† Earn 9 credits total by selecting one 3-credit general elective course from each of the three areas: Cultural Env., Natural Env., Social Env.

Marketing (MKT)

Faculty:  D. Kawa’auhau

This program is designed for students planning a career in the field of merchandising/marketing. The competency-based curriculum is designed to prepare students for positions such as sales associate, stock clerk, display person, account assistant, assistant buyer, marketing assistant, and assistant manager and to provide basic training for possible advancement to management positions.

Program Learning Outcomes

Upon successful completion, students are prepared to:

• Synthesize principles and concepts of marketing in developing a marketing plan.

• Devise marketing campaigns/presentations in diverse formats that are adaptable to different target markets and stakeholders.

• Use customer relationship management strategies within any business or retail organization.

• Use management and organizational behavior principles and skills for any marketing occupation.

• Develop the ability to think strategically as an individual and effective team member.

• Demonstrate work attitude and appearance consistent with professional practices.

• Develop current technology skills and the ability to utilize those skills in real world situations.

• Develop an understanding of evolutionary globalization and the technological advancements associated with the dynamic business environment.

Curricula and Programs  Hawaii'i Community College  2018-2019
### Curricula and Programs  
**Hawai'i Community College 2018-2019**

#### First Semester

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<td>Elective ††</td>
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<tr>
<td>** SpCo ††</td>
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**TOTAL** 6 15

#### Second Semester

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**TOTAL** 9 15

#### Third Semester

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<td>* Mkt 124</td>
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**TOTAL** 6 15

#### Fourth Semester

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>* Mkt 193V</td>
<td>3</td>
<td>3</td>
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<tr>
<td>ECom 100</td>
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<td>- 3</td>
</tr>
<tr>
<td>* Mkt 121</td>
<td></td>
<td>- 3</td>
</tr>
<tr>
<td>Acc 120</td>
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<tr>
<td>Elective ††</td>
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**TOTAL** 27 60

---

### Business Essentials Certificate of Competence

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<tr>
<td>Busn 150</td>
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<tr>
<td>Eng 100</td>
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<tr>
<td>SpCo 151</td>
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**TOTAL** 12

### Entrepreneurship Certificate of Competence

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<tr>
<td>Busn 150</td>
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</tr>
<tr>
<td>** Busn 188</td>
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<tr>
<td>Ent 125</td>
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<tr>
<td>* Mkt 124</td>
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<tr>
<td>* Mkt 130</td>
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**TOTAL** 9

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### Retail Foundations Certificate of Competence

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</thead>
<tbody>
<tr>
<td>* Mkt 124</td>
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</tr>
<tr>
<td>* Mkt 130</td>
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</table>

**TOTAL** 3

---

### Natural Science (NSCI)

#### Faculty:
- B. Laurich
- M. Phillips
- P. Scheffler

This Associate in Science Degree program prepares students to transfer to 4-year institutions in STEM (Science, Technology, Engineering and Mathematics) related fields. Hawai'i Community College offers two NSCI tracks: Biological Science and Physical Science. For more information, contact Pamela Scheffler by e-mail (pamelays@hawaii.edu).

#### Program Learning Outcomes

Upon successful completion, students are prepared to:

- Analyze data effectively using current technology.
- Communicate scientific ideas and principles clearly and effectively.
- Analyze and apply fundamental mathematical, physical, and chemical concepts and techniques to scientific issues.
- Apply fundamental concepts and techniques in their chosen concentration.

#### Biological Science (NSCI-BSC)

##### First Semester

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Biol 171</td>
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<tr>
<td>Biol 171L</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Chem 161</td>
<td>3</td>
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</tr>
<tr>
<td>Chem 161L</td>
<td>1</td>
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</tr>
<tr>
<td>Eng 102</td>
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<tr>
<td>ICS 101</td>
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</table>

**TOTAL** 14

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A cumulative 2.0 GPA in the Major Course Requirements category must be earned for graduation. In addition, an overall cumulative 2.0 GPA is required for graduation.

---

### Business Foundations Certificate of Competence

<table>
<thead>
<tr>
<th>Course</th>
<th>CA</th>
<th>AAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Busn 164</td>
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<td></td>
</tr>
<tr>
<td>* Mkt 151</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL** 6
Second Semester

- Biol 172: Introductory Biology II 3
- Biol 172L †: Introductory Biology II Lab 1
- Chem 162: General Chemistry II 3
- Chem 162L †: General Chemistry II Lab 1
- Eng 100: Composition I 3
- Electives ††: Natural Environment 4
- TOTAL 15

Third Semester

- Math 241: Calculus I 4
- Phys 151: College Physics I 3
- Phys 151L †: College Physics Laboratory I 1
- SpCo 251: Public Speaking 3
- Electives ††: Natural Environment 4
- TOTAL 15

Fourth Semester

- Elective ††: Cultural Environment 3
- Electives ††: Natural Environment 4
- Elective ††: Social Environment 3
- Electives ††: General Electives 6
- TOTAL 16
- TOTAL 60

Additional Requirements

- Two Writing Intensive (WI) courses with a “C” or better grade.

† All labs should be taken in-person.
†† All elective courses must be numbered 100 or above. (Biol 281 also counts as a Natural Environment elective for Natural Science majors.)

Physical Science (NSCI-PSC)

First Semester

- Chem 161: General Chemistry I 3
- Chem 161L †: General Chemistry I Lab 1
- Eng 102: College Reading Skills 3
- ICS 101: Digital Tools for the Information World 3
- Elective ††: General Electives 3
- TOTAL 13

Second Semester

- Chem 162: General Chemistry II 3
- Chem 162L †: General Chemistry II Lab 1
- Eng 100: Composition I 3
- SpCo 251: Public Speaking 3
- Electives ††: Natural Environment 4
- TOTAL 14

Third Semester

- Math 241: Calculus I 4
- Phys 170: General Physics I 4
- Phys 170L †: General Physics I Lab 1
- Elective ††: Cultural Environment 3
- Electives ††: Natural Environment 4
- TOTAL 16

Fourth Semester

- Math 242: Calculus II 4
- Phys 171: General Physics II 3
- Phys 171L †: General Physics II Lab 1
- Elective ††: Natural Environment 3
- Elective ††: Social Environment 3
- Elective ††: General Elective 3
- TOTAL 17
- TOTAL 60

Additional Requirements

- Two Writing Intensive (WI) courses with a “C” or better grade.

Faculty: A. Cremer E. Cremer
J. Golla C. Hernandez
L. Hill K. Kotecki
L. Miguel C. Pavel
P. Pieron C. Puntol

Hawai‘i Community College Nursing and Allied Health currently offers two pathways into the nursing profession. Students may apply for either the Certificate of Achievement in Practical Nursing (CA-PRCN) program or the Associate in Science Degree in Nursing (AS-NURS) program. Both programs admit a new student cohort each Fall. The AS program has a Hilo and Kona location option. In order to apply, the following requirements must be met:

1. Complete all prerequisite requirements with a grade of “C” or better (C- is not accepted) by the end of the Spring semester prior to program entry.
2. Complete the Test for Essential Academic Skills (TEAS) exam with a composite score at the Proficient Level (minimum score 58.7%) or higher.
3. Academic criteria and TEAS exam scores are used to rank applicants for selection and admission.

For current, detailed application and admission requirements, visit the Hawai‘i CC Nursing webpage at www.hawaii.hawaii.edu/nursing

Nursing and Allied Health Programs

Nursing, Associate in Science Degree in Nursing (NURS)

This program prepares students to take the National Council Licensure Exam for Registered Nursing (NCLEX-RN). Graduates are qualified to work in hospitals, long-term care facilities, and community based settings.

The Associate of Science Degree program requires four semesters of course work in nursing (42 credits) and 30 credits
of non-nursing prerequisite and co-requisite courses for a total of 72 credits.

A grade of “C” or better is considered passing for all nursing and support courses. A cumulative grade point average of 2.0 or better must be maintained to remain in the nursing program.

All courses required for the degree must be taken for a letter grade.

Program Learning Outcomes

Upon successful completion, students are prepared to:

• Retrieve, integrate, and apply relevant and reliable information, concepts from multiple disciplines and standards of nursing as the basis for evidenced based nursing care.

• Utilize the nursing process as an ongoing framework for critical thinking to assess, plan, prioritize, implement, and evaluate safe and effective nursing care for healthy individuals and individuals with complex disorders who need the expert care of a professional nurse.

• Demonstrate compassion and caring by developing and maintaining therapeutic relationships based upon mutuality and respect for the health and healing practices, beliefs, and values of the individual and community.

• Demonstrate the ability to function and communicate in a collaborative manner as a member of a multidisciplinary health care team to effectively manage care for individuals, families, and groups of individuals in a variety of settings.

• Demonstrate the ability to plan and deliver effective health education as an integral part of promotion, maintenance and restoration of health, management of chronic conditions, and end of life care.

• Demonstrate professional behaviors and practice within the legal and ethical framework of professional nursing.

• Utilize self reflection to analyze personal practice and experiences for ongoing learning and professional growth.

Entry Requirements

The nursing and support courses for the Associate of Science Degree are:

<table>
<thead>
<tr>
<th>Year 1</th>
<th>AS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anh 200†</td>
<td>Cultural Anthropology</td>
</tr>
<tr>
<td>Biol 141</td>
<td>Human Anatomy and Physiology I</td>
</tr>
<tr>
<td>Biol 141L</td>
<td>Human Anatomy and Physiology I Lab</td>
</tr>
<tr>
<td>Biol 142</td>
<td>Human Anatomy and Physiology II</td>
</tr>
<tr>
<td>Biol 142L</td>
<td>Human Anatomy and Physiology II Lab</td>
</tr>
<tr>
<td>Eng 100</td>
<td>Composition I</td>
</tr>
<tr>
<td>FamR 230</td>
<td>Human Development</td>
</tr>
<tr>
<td>Math 100</td>
<td>Survey of Mathematics or higher (not Math 120)</td>
</tr>
<tr>
<td>Micr 130</td>
<td>Microbiology</td>
</tr>
<tr>
<td>Micr 130L</td>
<td>Microbiology Lab</td>
</tr>
<tr>
<td>Phrm 203</td>
<td>General Pharmacology</td>
</tr>
<tr>
<td>Psy 100</td>
<td>Survey of Psychology (Introductory)</td>
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Fall Semester

<table>
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<tr>
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<tbody>
<tr>
<td>Nurs 151</td>
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<tr>
<td>+ Nurs 153</td>
</tr>
<tr>
<td>Nurs 158</td>
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Spring Semester

<table>
<thead>
<tr>
<th>AS</th>
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<tbody>
<tr>
<td>Nurs 157</td>
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Fall Semester

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Nurs 157</td>
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Spring Semester

<table>
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<tr>
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<tbody>
<tr>
<td>Nurs 251</td>
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<td>Nurs 257</td>
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<tr>
<td>Nurs 258</td>
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<tr>
<td>Nurs 260</td>
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<tr>
<td><strong>TOTAL</strong></td>
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<tr>
<td><strong>TOTAL</strong></td>
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</table>

+ Bypass on LPN Transition Track
† Corequisite support course that may be taken either prior to admission or during the nursing program.

The Associate in Science Degree program is approved by the Hawai‘i Board of Nursing and accredited by the Accreditation Commission for Education in Nursing, Inc. (ACEN); formerly NLNAC. The ACEN may be contacted at www.acenursing.org or (404) 975-5000, or by writing to 3343 Peachtree Rd, NE, Suite 850, Atlanta, Georgia 30326. Transfer agreements exist with the University of Hawai‘i at Hilo and University of Hawai‘i at Mānoa baccalaureate nursing programs allowing interested and qualified associate degree graduates to pursue a Bachelor of Science in Nursing at UH Hilo or UH Mānoa.

Nursing, Practical (PRCN)

The Certificate of Achievement in Practical Nursing Program prepares students to take the National Council Licensure Examination for Practical Nursing (NCLEX-PN) to become Licensed Practical Nurses (LPNs). Licensed Practical Nurses work in a variety of health care settings under the supervision of a physician or registered nurse. More information about Licensed Practical Nursing can be accessed at www.onetonline.org/crosswalk.

The Certificate of Achievement requires 14 semester credits of non-nursing support courses and 30 semester credits of nursing courses; 44 semester credits in all. The program is 40 weeks long and includes 2 semesters and a summer session.
Program Learning Outcomes

Upon successful completion, students are prepared to:

- Retrieve, integrate, and apply relevant and reliable information, concepts from multiple disciplines, and standards of nursing as the basis for evidenced based nursing care.
- Use the nursing process as a framework for critical thinking to assess, plan, prioritize, implement, and evaluate safe and effective nursing care for those who have predictable nursing needs.
- Demonstrate compassion and caring by developing and maintaining therapeutic relationships based upon mutuality and respect for the health and healing practices, beliefs, and values of the individual and community.
- Communicate and function as a member of a multi-disciplinary health care team.
- Demonstrate the ability to plan and deliver effective health teaching as an integral part of promotion, maintenance, and restoration of health, management of chronic conditions, and end of life care in structured settings.
- Demonstrate professional behaviors and practice within the legal and ethical framework of licensed practical nursing.
- Use self-reflection to evaluate their nursing effectiveness and personal experiences for ongoing learning and growth.

Entry Requirements

The prerequisite courses for the Certificate of Achievement in Practical Nursing are:

<table>
<thead>
<tr>
<th>Prerequisite Courses</th>
<th>CA</th>
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<tbody>
<tr>
<td>Biol 141 Human Anatomy and Physiology I</td>
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<tr>
<td>Biol 141L Human Anatomy and Physiology I Lab</td>
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<tr>
<td>Biol 142 Human Anatomy and Physiology II</td>
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<tr>
<td>Biol 142L Human Anatomy and Physiology II Lab</td>
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<tr>
<td>Eng 100 Composition I</td>
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<tr>
<td>Phrm 203 General Pharmacology</td>
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<thead>
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<tbody>
<tr>
<td>Nurs 101 Nursing Perspectives</td>
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<tr>
<td>Nurs 120 Practical Nursing I</td>
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<td>FamR 230† Human Development</td>
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<tr>
<td>Nurs 126 Child Health</td>
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</tr>
<tr>
<td>Nurs 128 Maternity Nursing</td>
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<td>**TOTAL</td>
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All required courses must be taken for a letter grade. A grade of “C” or better is considered passing in the nursing and support courses. Students must maintain a cumulative grade point average of 2.0 or better to remain in the nursing program.

† FamR 230 may be taken prior to entry into the Practical Nursing Program

Nurses’ Aide

This course is currently not offered through Hawai‘i Community College’s Nursing Program.
Substance Abuse Counseling (SUBS)

A 20-credit Certificate of Competence in Substance Abuse Counseling is offered for students interested in a career in substance abuse counseling. Credit and non-credit courses are offered for in-service substance abuse, human service, and criminal justice professionals seeking to develop and/or upgrade their skills in working with individuals and families who suffer as a result of chemical abuse or dependency. Students who successfully complete these courses are eligible to receive additional studies and/or fieldwork hours that can apply toward obtaining a State Substance Abuse Counseling Certificate as required by the State of Hawai‘i Department of Health Alcohol and Drug Abuse Division (ADAD), the National Alcoholism and Drug Abuse Counselor Credentialing Board, and the International Certification and Reciprocity Consortium. Students completing the CC in Substance Abuse Counseling along with an associate’s degree are eligible to receive 2,000 hours toward the ADAD Substance Abuse Certification.

Program Learning Outcomes

Upon successful completion, students are prepared to:
- Satisfy the addiction studies educational requirements for Hawaii State Department of Health Alcohol and Drug Abuse Division’s (ADAD) Certified Substance Abuse Counselor (CSAC) and/or Certified Drug Prevention Specialist (CDPS).
- Identify and articulate medical, social, and/or psychological aspects of addiction.
- Apply the Twelve Core Functions of the Alcohol and Drug Abuse Counselor, and practice within the legal and ethical parameters of the substance abuse counseling profession.
- Perform basic individual or group counseling and interviewing/facilitation skills, and reflect on personal values and issues that may enhance or interfere with effectiveness as a counselor.
- Develop career plans for entry-level positions in substance abuse, criminal justice, and human services organizations that service substance abusing populations, or transfer to a 4-year college to continue education in SUBS related fields.

Entry Requirements

- Proficiency levels in reading, writing and/or mathematics are required to register for some or all of the Program courses:

<table>
<thead>
<tr>
<th>Subject Area</th>
<th>Course Completion or Placement into course</th>
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<tbody>
<tr>
<td>Reading</td>
<td>Eng 21 or ESL 21 Eng 102</td>
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<tr>
<td>Writing</td>
<td>Eng 22 or (ESL 22G and ESL 22W)</td>
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Substance Abuse Counseling Requirements

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<th>First Semester</th>
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<tr>
<td>Subs 130</td>
<td>Introduction to Youth Practitioner (optional) (3)</td>
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<tr>
<td>Subs 131</td>
<td>Ethics in Public Services 1</td>
</tr>
<tr>
<td>Subs 140</td>
<td>Individual Substance Abuse Counseling 3</td>
</tr>
<tr>
<td>Subs 268</td>
<td>Survey of Substance Use and Addiction 3</td>
</tr>
<tr>
<td>Subs 294</td>
<td>Seminar and Fieldwork I 3</td>
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<tr>
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</table>

Prevention Specialist Certificate of Competence

| Subs 130       | Introduction to Youth Practitioner 3 |
| Subs 131       | Ethics in Public Services 1 |
| Subs 268       | Survey of Substance Use and Addiction 3 |
| TOTAL          | 7 |

Credits in ( ) are optional

Tropical Forest Ecosystem and Agroforestry Management (TEAM)

Faculty: P. Scheffler O. Steele

Students learn to actively manage Hawai‘i’s native forest ecosystems, grow native plants, establish agroforestry operations, use Global Positioning Systems (GPS), and Geographic Information Systems (GIS). Internships give students on-the-job training with potential employers. For more information call (808) 934-2623, or e-mail fortteam@hawaii.edu or check the website at www.hawaii.hawaii.edu/forestteam.

Program Learning Outcomes

Upon successful completion, students are prepared to:
- Apply basic ecosystem concepts to natural resource management.
- Use an understanding of general scientific concepts in design of forestry systems.
- Use knowledge of applicable laws and regulations to make decisions about managing ecosystems.
- Apply effective interpersonal and communication skills.
- Recognize, collect, and interpret field data.
- Apply effective management practices to commercial or conservation efforts.

First Semester

<table>
<thead>
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<th>Subject Area</th>
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</thead>
<tbody>
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<tr>
<td>Busn 150</td>
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<td>Eng 102</td>
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<td>3</td>
</tr>
<tr>
<td>** Math 120</td>
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<tr>
<td>Second Semester</td>
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<tr>
<td>-----------------</td>
<td>----</td>
<td>----</td>
</tr>
<tr>
<td>Biol 156</td>
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<td>3</td>
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<td>Biol 156L</td>
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<td>1</td>
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<tr>
<td>Chemistry</td>
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<td>** Eng 100</td>
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<td>Geog 170</td>
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</thead>
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<table>
<thead>
<tr>
<th>Third Semester</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Ag 130</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Biol 101</td>
<td></td>
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<tr>
<td>(or Biol 171 or Bot 101 or Zool 101)</td>
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<tr>
<td>(or Biol 171L or Bot 101L or Zool 101L)</td>
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</tr>
<tr>
<td>Geog 180</td>
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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Ag 192†</td>
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<td>Ag 245L</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Ag 275</td>
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<td>Ag 275L</td>
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<td>Ag 291</td>
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<tr>
<td>SpCo 151</td>
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<td></td>
</tr>
<tr>
<td>(or SpCo 251)</td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>** TOTAL</td>
<td>31</td>
<td>62-65</td>
</tr>
</tbody>
</table>

** Meets competency requirement in mathematics or communications  
† Students may choose to take 2 credits of Ag 190V, or 1 credit Ag 190V and 1 credit Ag 192

### Program Advisory Councils

The Career and Technical Education (CTE) programs at Hawai‘i CC are an integral part of the local community and reflect its day-to-day life. Close cooperation among the faculty, employers, and employees in the community is maintained. One of the most effective formal means of providing for this type of cooperation is the Program Advisory Council. These groups advise their respective programs of training needs and new developments in the field. Councils include employers, alumni, and others knowledgeable about the field.

### Accounting

Jon Arbles, Audit Services, Taketa, Iwata, Harra & Associates, LLC  
Allison De Guzman, Associate Member, Tax and Accounting, Taketa, Iwata, Harra & Associates, LLC  
Cristin Gallagher, Taketa, Iwata, Harra & Associates, LLC  
Sherri-Ann Ha-Ahu, HPM Building Supply  
Gaylen Kalipi, Imiloa Astronomy Center  
Keith Marrack, Financial Advisor, Edward Jones  
Mary Namauu, Fiscal Officer, Hawaii County Economic Opportunity Council  
Joel Peralto, Owner/Principal, Peralto & Co. CPA, Inc.  
Le Pomaski, Controller, Heartwood Pacific, LLC  
Siniva Pota, Lecturer, Accounting and Business Technology, Hawai‘i Community College  
Amy Yanagihara, Taketa, Iwata, Harra & Associates, LLC

### Administration of Justice

Wanda Craig, Warden, Kulani Community Correctional Center  
Paul Ferreira, Chief of Police, Hawai‘i County Police Department  
William “Billy” Kenoi, Lecturer, Hawai‘i Community College  
Mitch Roth, Prosecutor, Office of the Prosecuting Attorney, County of Hawai‘i
Agriculture
Michael DuPonte, Extension Agent, UH Manoa CTAHR
Reggie Hasegawa, Location Manager, Crop Production Services, CPS
Erin Lee, Director of Landscape, Hualalai Resort
William Sakai, Professor of Horticulture, UH Hilo College of Agriculture, Forestry, and Natural Resource Management
David Shigi, Owner, Bromeliads Hawaii, LLC

Architectural, Engineering and CAD Technologies
Asia Addlesberger, GIS Analyst III, Department of Information Technology, County of Hawai‘i
Jordanah AhPuck, AIT, Scott Fleming & Associates, LLC
Randy Dameg, Land Surveyor III, Engineering Department, County of Hawai‘i
Alukahe Kala, Tax Map & Records Tech II, Planning Department, County of Hawai‘i
Matt Okuno, Inspector, Public Works - Engineering Department, County of Hawai‘i
Jarrett Okutsu, KY International, Inc.

Auto Body Repair and Painting
Jason Aguiar, Owner, ABRP Hawai‘i
Robert Kobayashi, Auto Instructor, Wai‘akea High School
Debbie Omori, Vice-President, Bob’s Fender Shop, Inc.
Randall Yonedu, Parts/Paint Manager, Automotive Supply Center

Automotive Mechanics Technology
Wesley Ferreira, Senior Sales/Marketing Executive, Automotive Supply Center
Thomas Haraguchi, Retired Service Manager, Big Island Toyota
Joseph Hawk, General Manager, Kamaaina Motors
Kent Inouye, Owner/Manager, Bayside Chevron Services
Mark Nishioka, Service Manager, Orchid Isle Auto Center
Louis Ferreira, III, Owner, Louie’s Auto Repair
Jeffrey Quebral, Service Manager, Kona Auto Center
Jared Yogi, Lecturer, Hawai‘i Community College

Business Technology
Gabriella Cabanas, Human Resources Manager, Department of Human Resources, County of Hawai‘i
Tiffany Ichimasa, Office Manager, Noguchi & Associates
Holly Ka‘akimaka, Director, Human Resources East Hawaii Region, HHSC, Hilo Medical Center
Sheri Kojima, Business Academy Teacher, Wai‘akea High School
Art Taniguchi, Senior Vice President/Regional Manager, Bank of Hawai‘i
Paulette Wilson, Department of Human Resources, County of Hawai‘i
Marcia Yoshiyama, Administrative Assistant, Department of Research and Development, County of Hawai‘i

Carpentry
Daryn Arai, Planning Program Manager, Planning Department, County of Hawai‘i
Dean Au, Business Agent, Carpenter’s Union Local 745
Mike Gillette, Owner, Gillette Construction
Loki Roque, Contractor Sales, HPM Building Supply
Sharon Sakamoto, Project Engineer, Isemoto Contracting Co., Ltd.
Craig Takamine, General Contractor, Takamine Construction

Culinary Arts - East Hawai‘i
Chris Damskey, Chef De Cuisine, Ulu at Four Seasons Hualalai Resort
Mark Noguchi, Chef/Owner, Pili Group
Mark Pomaski, Chef/Owner, Moon & Turtle
Brooks Takenaka, Manager, United Fish Agency
Dayne Tanabe, Chef of Restaurants, Hilton Waikoloa

Culinary Arts - West Hawai‘i
Thomas Bellec, Executive Chef, Four Seasons Resort Hualalai
Sam Choy, Owner, Sam Choy Poke to the Max
Hubert Des Marais, Executive Chef, Fairmont Orchid Hawaii
Muzzy Fernandez, Cook 1, Kohanaiki Club Services
Michelle Gomez, Senior Executive Sous Chef, Sheraton (Marriott International), and Private Estate Chef
James Govier, Cook, Sheraton
Jean-Marc Heim, Self-Employed, Consultant and Private Chef
Patti Kimball, Owner, Kimball Catering
Ken Love, Executive Director, Hawaii Master Food Preservers
Kerstin Pfeiffer, Culinary Teacher, Department of Education at Konawaena High School
Stella Rainville, Pastry Cook 4, Kukio Golf and Beach Club

Diesel Mechanics
Noel Foronda, Service Manager, Hawthorne Pacific Corp.
Sam Gray, Owner, Precision Fuel Injection, Inc.
Kelvin Kohatsu, Fleet Division Director, Hawaiian Electric
Cameron Pickett, Corporate People Development Manager, Hawthorne CAT
Dennis Rose, Owner, Power Generation Services
Digital Media Arts
GB Hajim, Island Planet One Production, LLC
Meidor Hu, Associate Professor, Art Department, Hawai’i Community College
Jensen Nishi, Five by Five LLC
Steve Parente, Parente Animation Studios
Shawn Pila, Ena Media Hawaii
Renee Sally Visaya, Bonebreaker Dezines

Early Childhood Education
Wendy Correa, Curriculum Manager, Tutu and Me Traveling Preschool
Leslie Estep, Family Childcare Provider, Melia’s Childcare
Michelle Flemming, Childcare Director,YWCA of Hawaii Island
Napua Rosehill, East Hawaii Coordinator, Kamehameha Schools

Electrical Installation and Maintenance Technology
Troy Haspe, Electrical Inspector, Building Division, County of Hawai’i
James Hirayama, Hirayama Brothers Electric
Miles Nagato, Technical Superintendent, HELCO, Inc.
Dean Oshiro, President, DWE, Inc.
Gene Villaruel, Electrical Contractor

Electronics Technology
Miles Nagato, Technical Superintendent, HELCO, Inc.
James O’Keefe, Department of Water Supply, County of Hawai’i
Kevin Owen, Hu Honua Bioenergy, LLC
Rodrigo F.V. Romo, Program Director, Pacific International Space Center for Exploration Systems
Darryl Watanabe, Electronics Technician, Institute for Astronomy
John Wong, Verizon Wireless

Fire Science
Greg Funderburk, Pacific Island Fire Management Officer, National Park Service
Andrew Kikuta, Maintenance Supervisor, Hakalau National Wildlife Refuge, U.S. Fish and Wildlife
Talmadge Magno, Director, Hawaii County Civil Defense
Eric Moller, Fire Chief, Pohakuloa Military Training Area, U.S. Army
Elizabeth Pickett, President, Hawaii Wildfire Management Organization
Darren Rosario, Fire Chief, Hawai’i Fire Department

Hospitatity and Tourism
Ross Birch, Executive Director, Big Island Visitor’s Bureau
Maggie Brown, Owner, Body Glove Cruises
Rick Gaffney, Owner, Pacific Boats and Yachts
Pete Hoffman, Former Hawaii County Council Member
Wendy Laros, Kona-Kohala Hotel Association
Mitch Sipiala, Senior Director of Human Resources, Four Seasons Resort at Hualalai

Human Services
Christian “Kimo” Alameda, County Executive of Aging, Aging and Disability Resource Center
Mary Correa, Retired Complex Area Superintendent, Department of Education
Amy Mahealani Jones, Graduate Division and Articulation Specialist, University of Hawai’i at Hilo
Carla Kurokawa, Manager Employment and Training, Alu Like Inc.
Kathleen McGilvray, Chief Executive Officer, YWCA of Hawai’i Island
Ian “Kaleo” Pilago, Educational Specialist/Manager for Hale Kea, Hawai’i Community College

Information Technology
Tim Minick, Director of Information Technology, HPM Building Supply
Kelvin Ono, Information Systems Analyst, Office of the Prosecuting Attorney, County of Hawai’i
Ward Oshiro, Technical Support Specialist, KTA Superstores

Machine, Welding & Industrial Mechanics Technologies
Leonard Cardoza, Owner, Leonard’s Auto Repair dba Orchid Isle Hauling and Rental
Mark Devenot, Supervisor, W.M. Keck Observatory
Russell Iyo, Owner, R&R Machine and Welding
Steve Kirsch, Industrial Account Manager, Airgas/Gaspro
Cooper Nakayama, Senior Mechanical Technician, Gemini Observatory
Brian Ninomoto, President/Owner, Hawaii Sheetmetal and Mechanical, Inc.
Arnold Tengan, Owner, Hilo Steel Works
Adam Vandenberg, Machinist, W.M. Keck Observatory
Matthew Wung, Electronic/Instrument Technician, Subaru Observatory
Marketing
Kate Carvalho, Administrative Assistant, Hawaii Tribune-Herald
Alia Chocol, Owner, Helping Hands Concierge
Michael Polley, General Manager, Pacific Digital Signs
Jason Walter, Marketing Director, Hawaii Opera Theater

Nursing and Allied Health
Tara Colburn, Director of Nursing, Yukio Okutsu Veteran’s Home
Megan Denny, ADN Program Graduate
Nicole Greenwald, Nursing Manager, Bay Clinic, Inc., Hilo
Ann Hassett, VA Clinic, Kona
Pat Kalua, Chief Nurse Executive, Kona Community Hospital
Mary Ann Kaudk, Nursing Supervisor, Kaiser Kona Clinics
Justin Lee, Clinical Manager, Liberty Dialysis
Arthur Sampaga, Chief Nursing Officer, Hilo Medical Center
Cheryl Walters, Assistant Director of Nursing, Life Care Center Kona

Substance Abuse
Russell Hamilton, Lokahi Treatment Services
Rachel Kruse, Clinical Supervisor, Hui Ho’ola O Nahulu O Hawai’i
Denise Oguma, HOPE Services HI, Inc.
Jan-Marie Osorio, Special Events Coordinator, Office of the Prosecuting Attorney, County of Hawai’i
Valerie Poindexter, Councilwoman, County of Hawai’i

Tropical Forest Ecosystem and Agroforestry Management
Paul Banko, USGS Scientist, Pacific Island Ecosystems Research Center
Steve Bergfeld, Branch Manager, Division of Forestry and Wildlife
J.B. Friday, Extension Forester, UH CTAHR Coop. Extension Service
Katie S. Friday, Associate Pacific Islands Forester, USFS/PIFI
Leila Kealoha, Teacher, Kua O Ka La Charter School
Yi Qing Li, Professor, College of Agriculture, Forestry and Resource Management, University of Hawai’i at Hilo
Reese Libby, Geographer, GIS Specialist, NRCS
Rhonda Loh, Chief Resources Manager, HAVO NP
Bruce Mathews, Dean, College of Agriculture, Forestry and Resource Management, University of Hawai’i at Hilo
Rebecca Ostertag, Professor, Department of Biology, University of Hawai’i at Hilo
Deborah Ward, Retired 4-H County Extension Agent, CTAHR Extension Service
Aileen Yeh, Hawaii Agricultural Research Center
Sharon Zigler, University of Hawai’i, Hawaiian Internship Program