Computing, Electronics, and Networking Technology (CENT - HonCC)
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UNIVERSITY OF HAWAI‘I
COMMUNITY COLLEGES SYSTEM
ARTICULATION AGREEMENT

Computing, Electronics, and Networking Technology (CENT - HonCC)
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INTRODUCTION

The University of Hawai‘i is comprised of ten campuses located on six islands in the State of Hawai‘i. While each campus has a unique identity and mission, the ten campuses operate as one system.

Career Pathways
The State of Hawai‘i and its educational systems are participating in Career Pathways with an overall theme of “Six pathways, one system.” The six pathways are:

1. Arts and Communication
2. Business
3. Health Services
4. Industrial and Engineering Technology
5. Natural Resources
6. Public and Human Services

At the secondary and postsecondary levels, the goal of Career Pathways is to provide curriculum standards that meet business and industry requirements. Implementing these standards will ensure student attainment of a high level of academic and technical skills, a seamless transition from secondary to postsecondary educational programs and between postsecondary campuses, and a satisfying career for which the student is well-prepared.

Hawai‘i P-20 Initiative
The overarching goal of the P-20 initiative is to improve student achievement at all levels of education. To this end, two of the goals of P-20 are:

1. To align standards, curricula, and assessments across all components of the state’s public education system.
2. To improve transition among the components of the education system, as well as from an educational setting to the workforce.

During the course of their education, students may decide to transfer from one campus to another in the University of Hawai‘i (UH) system. The development of an articulated program of study supports the transfer of earned academic credits within the UH system.
PURPOSE

The primary purpose of this articulation agreement is to facilitate the matriculation of students between and among the University of Hawai‘i Community Colleges and between the State of Hawai‘i Department of Education and the University of Hawai‘i Community Colleges. Moreover, it is intended to inform students, whose program of study requires CENT, ETRO, ICS, or ITS courses listed in this Agreement, of the program opportunities that are available to them throughout the UH system.

Students will have the opportunity to receive credit for equivalent courses taken elsewhere in the UH system, in the State of Hawai‘i Department of Education, and at other accredited institutions.

AGREEMENTS AND PROCEDURES

1. **Scope of Agreement.** This Articulation Agreement applies to all participating UH Community Colleges.

   **Term of the Agreement.** This Articulation Agreement will remain in effect until June 2012. It will be subject to review in June 2011, and may be continued, revised, or discontinued with the consent of all faculty and administration of all campuses represented in this Agreement.

   **Number of Credits to be Awarded.** The table below outlines the courses deemed to satisfy the industry certifications covered by this Agreement. The credit and contact hours are shown in parentheses (credit hours/contact hours). The proposed changes in course alphas, numbers, titles, and credits will be effective no later than Fall 2007.

   In cases where the number of credits earned from the sending campus is different from the number of credits assigned to comparable courses at the receiving campus, the receiving campus will determine how the excess or deficit credits will be handled. Students should consult a counselor at the receiving campus as soon as possible to ensure proper crediting of articulated credit and to outline additional courses needed to achieve their individual educational goal.

   Individual UH Community Colleges may award additional credit for credentials beyond those included in this Agreement. In these cases students should be advised that it is possible that the other UH Community Colleges may not accept these additional articulated credits. Each campus has the option of reviewing incoming students’ credentials (certifications and transcripts) to determine how many credits will be awarded beyond the CCNA I and COMP TIA A+.
General Guidelines for the Application and Award of Transfer and Industry Certification Credits

A. **Student Eligibility**: Students must be enrolled at a participating UH campus to be eligible for the award of any transfer credit.

B. **Timeline for Application**: Students should apply for transfer credits during their first year of attendance at the receiving campus.

C. **Transferability**: As stipulated in this Agreement, credits awarded will transfer:
   1. between and among designated University of Hawai‘i campuses,
   2. between the State of Hawai‘i Department of Education and the University of Hawai‘i, and
   3. between other accredited educational institutions and the University of Hawai‘i.

   Students should be informed by both "sending" and "receiving" campuses that transferred credits may **not** be applicable to programs outside of this Agreement.

D. **Industry Certification**: UHCC Students who have completed State of Hawai‘i Department of Education or industry-certified coursework from an accredited educational institution in the areas outlined above and who have passed the appropriate industry certification, may apply for articulation credit. **There will be no additional testing or cost to the students for the credits.** Students must provide:
   1. transcripts showing course taken at the high school or other accredited educational institution with an official statement from the institution on the number of instructional/training hours provided and
   2. the original certificate showing they have passed the industry examinations for CCNA and/or COMP TIA A+ Certification.

E. **Campus Procedures**: Each UH campus which is a party to this Agreement shall be responsible for establishing procedures which detail the timeline and deadlines for application, review of requests for award of transfer credit, and the appeals process for such credit.
Students may request UHCC credit when presenting evidence of the following certifications: (see instructions above)

Numbers in parentheses indicate (credit hours/contact hours)

<table>
<thead>
<tr>
<th>Certification</th>
<th>HawCC</th>
<th>HonCC</th>
<th>KapCC</th>
<th>KauCC</th>
<th>LeeCC</th>
<th>MauCC</th>
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<tr>
<td><strong>CCNA 1</strong></td>
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<td>ITS 108: Computer Software Support (3/3)</td>
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<td><strong>COMP TIA A+ Cert</strong></td>
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<td>ITS 108: Computer Software Support (3/3)</td>
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In addition to the credentialing equivalencies outlined in the table above, the participating University of Hawai‘i Community Colleges (UHCC) have agreed to articulate credits earned by students in the following courses at other UHCC campuses. Once articulated, these courses may be considered for the Running Start program.

<table>
<thead>
<tr>
<th>Certification</th>
<th>HawCC</th>
<th>HonCC</th>
<th>KapCC</th>
<th>KauCC</th>
<th>LeeCC</th>
<th>MauCC</th>
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</table>
Inquiries regarding content of specific courses in this Agreement should be
directed to the individuals designated by asterisks (*) in the table below.

<table>
<thead>
<tr>
<th>Campus</th>
<th>Contacts</th>
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</thead>
<tbody>
<tr>
<td>Hawai‘i CC</td>
<td>Kent Killam, Professor, Information Technology</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:killam@hawaii.edu">killam@hawaii.edu</a></td>
</tr>
<tr>
<td></td>
<td>974-7429</td>
</tr>
<tr>
<td></td>
<td>Harvey Motomura, Assoc. Professor, Electronics</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:motomura@hawaii.edu">motomura@hawaii.edu</a></td>
</tr>
<tr>
<td></td>
<td>947-7407</td>
</tr>
<tr>
<td></td>
<td>*James Yoshida, Professor, Marketing</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:jamesyos@hawaii.edu">jamesyos@hawaii.edu</a></td>
</tr>
<tr>
<td></td>
<td>974-7427</td>
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<tr>
<td>Honolulu CC</td>
<td>*Aaron Tanaka, Professor, CENT</td>
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<tr>
<td></td>
<td><a href="mailto:aarontan@hcc.hawaii.edu">aarontan@hcc.hawaii.edu</a></td>
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<td>845-9109</td>
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<td>Rona Wong, Counselor</td>
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<td></td>
<td><a href="mailto:ronawong@hcc.hawaii.edu">ronawong@hcc.hawaii.edu</a></td>
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<tr>
<td></td>
<td>845-9228</td>
</tr>
<tr>
<td>Kapi‘olani CC</td>
<td>Alfred Seita, Professor, Business Education</td>
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<tr>
<td></td>
<td><a href="mailto:alfreds@hawaii.edu">alfreds@hawaii.edu</a></td>
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<tr>
<td></td>
<td>734-9458</td>
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<tr>
<td></td>
<td>*Steve Singer, Asst. Professor, Business Education</td>
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<td></td>
<td><a href="mailto:singer@hawaii.edu">singer@hawaii.edu</a></td>
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<tr>
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<td>734-9018</td>
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<tr>
<td></td>
<td>Kevin Yokota, Asst. Professor, Business Education</td>
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<td></td>
<td><a href="mailto:kyokota@hawaii.edu">kyokota@hawaii.edu</a></td>
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<tr>
<td></td>
<td>734-9294</td>
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<tr>
<td>Kaua‘i CC</td>
<td>*(Richard) Rick Matsumura, Asst. Professor, Electronics Technology</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:rcmastum@hawaii.edu">rcmastum@hawaii.edu</a></td>
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<td></td>
<td>245-8366</td>
</tr>
<tr>
<td></td>
<td>Francis Takahashi, Asst. Professor, Electronics Technology</td>
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<tr>
<td></td>
<td><a href="mailto:francist@hawaii.edu">francist@hawaii.edu</a></td>
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<td></td>
<td>245-8219</td>
</tr>
<tr>
<td>Leeward CC</td>
<td>*Vince Lee, Instructor, ICS</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:vwhlee@hawaii.edu">vwhlee@hawaii.edu</a></td>
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<td></td>
<td>455-0512</td>
</tr>
<tr>
<td></td>
<td>Barbara Hotta, Professor, ICS</td>
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<tr>
<td></td>
<td><a href="mailto:hotta@hawaii.edu">hotta@hawaii.edu</a></td>
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<td>455-0506</td>
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<tr>
<td>Maui CC</td>
<td>*Mark Hoffman, Instructor, Electronics and Computer Engineering Technology</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:markhoff@hawaii.edu">markhoff@hawaii.edu</a></td>
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<td>984-3321</td>
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Hawai‘i Community College

Rockne Freitas, Chancellor

Douglas Dykstra, Vice Chancellor for Academic Affairs

Joni Onishi, Chair, Business Education and Technology Division

Kent Kiflim, Professor

Harvey Motomura, Associate Professor

James Yoshida, Professor

12/06/06
Date

12/06/06
Date

12/06/06
Date

12/7/2006
Date

12/7/06
Date

12/7/06
Date
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Honolulu Community College

Ramsey Pedersen, Chancellor

Sharon Ota, Vice Chancellor for Academic Affairs

Sam Rhoads, Chair, Technology II Division Chair

Aaron Tanaka, Professor

Rona Wong, Counselor

11/14/06
11-14-06
11/15/06
11/13/06
11/15/06
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Kapi'olani Community College

Leon Richards, Interim Chancellor

Louise Pagotto, Interim Vice Chancellor

Frank Abou-Sayf, Interim Dean of Business Education

Rosemee Harrington, Department Chair

Steve Singer, Assistant Professor and Coordinator, ICS/IT Program

Alfred Saito, Professor

Kevin Yokota, Assistant Professor

12/13/06

12/11/06

12/11/06

12/15/06

12/15/06

12/15/06
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Kaua‘i Community College

Peggy Cha, Chancellor

Ramona Kincaid, Assistant Dean of Instruction

Glenn Alquiza, Chair, Trade Technology Division

Richard Matsumura, Assistant Professor

Francis Takahashi, Assistant Professor

Date

1/17/07

1/2/07

1/2/07

1/2/07
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Leeward Community College

Peter Quigley, Chancellor

Michael Pecso, Interim Vice Chancellor

B. Michael Tagawa, Dean of Career and Technical Education

Manny Cabral, Division Chair, Math and Sciences

Barbara Hotta, Professor and ICS Discipline Coordinator

Vincent Lee, Assistant Professor

Date

2/2/07

JAN 31 2007

JAN 26 2007

1/29/07

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12
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Information Technology (ITS - KapCC)

Maui Community College

Clyde Sakamoto, Chancellor

Suzette Robinson, Dean of Instruction

Sandra Swanson, Chair, Science, Technology and Math Division

Mark Hoffman, Assistant Professor

Stuart Zinner, Lecturer

Date

07/06

DEC 07 2006

Date

12/17/06

12/17/06