

UNIVERSITY OF HAWAI‘I

COMMUNITY COLLEGES SYSTEM

ARTICULATION AGREEMENT

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

Electronics Technology (ETRO – HawCC & KauCC)

**Electronic and Computer Engineering Technology
(ETRO - MauCC)**

Information and Computer Science (ICS - LeeCC)

Information Technology (ITS – HawCC & KapCC)

November 2006

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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)

Certification	HawCC		HonCC		KapCC		KauCC		LeeCC		MauCC	
	Current	Proposed	Current	Proposed	Current	Proposed	Current	Proposed	Current	Proposed	Current	Proposed
CCNA 1	BUS 100: CCNA I: Networking Basics (3/4)	CENT 115: Introduction to Computer Network- ing (4/6)	CENT 115: Introduction to Computer Systems (4/6)				ETRO 140B: CISCO Networking I (3/6)	No change	ICS 184: Netprep Network Fundamentals (3/5)	No change	ETRO 140: Computer Networking I (4/6)	ETRO 115: Introduction to Computer Systems (4/6)
COMP TIA A+ Cert	ITS 104: Computer Hardware Support (4/5) ITS 108: Computer Software Support (3/3)		CENT 131: Micro- computer Hardware I (4/6)	No change	ITS 104: Small Business Networking (3/3)	No change	ETRO 187: Essentials of Information Technology (3/6)	No change	ICS 125: Micro- computer Mainten- ance (3/6)	No change	ETRO 130: Computer Hardware and Operating Systems (4/6)	

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.

Certification	HawCC		HonCC		KapCC		KauCC		LeeCC		MauCC	
	Current	Proposed	Current	Proposed	Current	Proposed	Current	Proposed	Current	Proposed	Current	Proposed
CCNA 1	BUS 100: CCNA I: Networking Basics (3/4)	CENT 115: Introduc- tion to Computer Networking (4/6)	CENT 115: Introduc- tion to Computer Systems (4/6)	CENT 115: Introduc- tion to Computer Systems (4/6)			ETRO 140B: CISCO Networking I (3/6)	No change	ICS 184: Netprep Network Funda- mentals (3/5)	No change	ETRO 140: Computer Networking I (4/6)	ETRO 115: Introduc- tion to Computer Systems (4/6)
	BUS 101: CCNA 2: Router/ Routing Basics (3/4)	CENT 140: Computer Networking I (4/6)		CENT 140: Computer Networking I (4/6)			ETRO 140C: CISCO Networking II (3/6)	No change	ICS 185: Netprep Local Area Networks (3/5)	No change		ETRO 140: Computer Networking I (4/6)
	BUS 102: CCNA 3: Switching/ Inter Routing (3/4)	CENT 240: Computer Networking II (4/6)	CENT 240: Computer Networking II (4/6)	No change			ETRO 240B: CISCO Networking III (3/6)	No change	ICS 186: Netprep Wide Area Networks (3/5)	No change	ETRO 240: Computer Networking II (4/6)	No change
	BUS 103: CCNA 4: WAN Technolo- gies (2/3)							ETRO 240C: CISCO Networking IV (3/6)	No change	ICS 187: Netprep TCP/IP Networking Architec- ture (3/5)		
COMP TIA A+ Cert	ITS 104: Computer Hardware Support (4/5) ITS 108: Computer Software Support (3/3)		CENT 131: Micro- computer Hardware I (4/6)	No change			ETRO 187: Essentials of Information Techno- logy (3/6)	No change	ICS 125: Micro- computer Mainte- nance (3/6)	No change	ETRO 130: Computer Hardware and Operating Systems (4/6)	
			CENT 130: Micro- computer Operating Systems (4/6)	No change	ITS 104: Small Business Networking (3/3)	No change			ICS 125: Micro- computer Maintenan- ce (3/6)	No change		

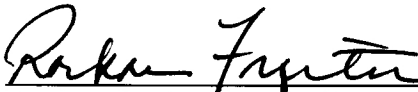
Inquiries regarding content of specific courses in this Agreement should be directed to the individuals designated by asterisks (*) in the table below.

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

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Hawai'i Community College



Rockne Freitas, Chancellor

12/06/06

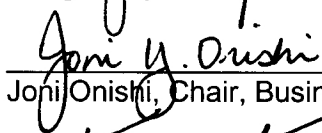
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Douglas Dykstra, Vice Chancellor for Academic Affairs

12/06/06

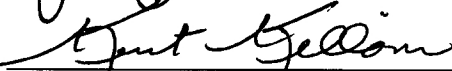
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Joni Onishi, Chair, Business Education and Technology Division

12/06/06

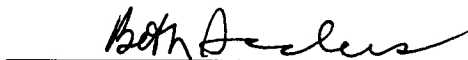
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Kent Killam, Professor

12/7/2006

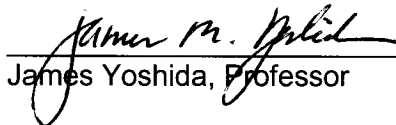
Date



Harvey Motomura, Associate Professor

12/7/06

Date



James Yoshida, Professor

12/7/06

Date

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Honolulu Community College



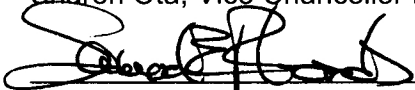
Ramsey Pedersen, Chancellor

11/14/06
Date



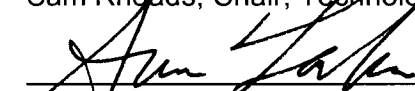
Sharon Ota, Vice Chancellor for Academic Affairs

11-14-06
Date



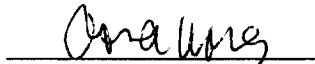
Sam Rhoads, Chair, Technology II Division Chair

11/15/06
Date



Aaron Tanaka, Professor

11/13/06
Date



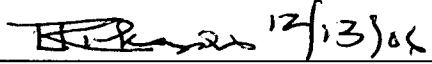
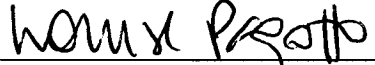
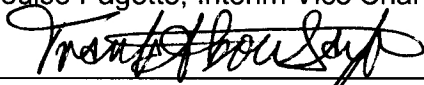
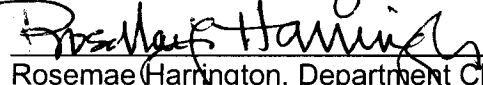



Rona Wong, Counselor

11/15/06
Date

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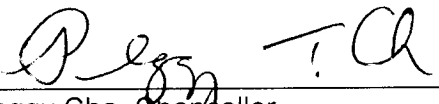
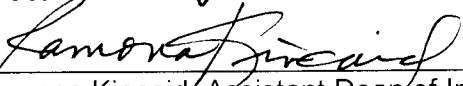
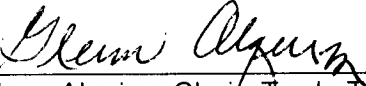
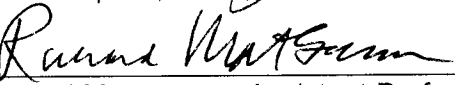
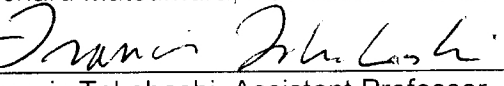
Kapi'olani Community College

 Leon Richards, Interim Chancellor	<u>12/13/06</u> Date
 Louise Pagotto, Interim Vice Chancellor	<u>12/11/06</u> Date
 Frank Abou-Sayf, Interim Dean of Business Education	<u>12/11/06</u> Date
 Rosemae Harrington, Department Chair	<u>12/5/06</u> Date
 Steve Singer, Assistant Professor and Coordinator, ICS/IT Program	<u>12/5/06</u> Date
 Alfred Seita, Professor	<u>12/5/06</u> Date
 Kevin Yokota, Assistant Professor	<u>12/5/06</u> Date

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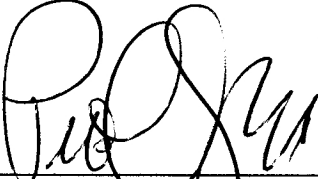
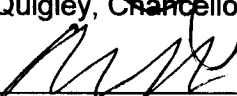
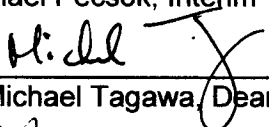
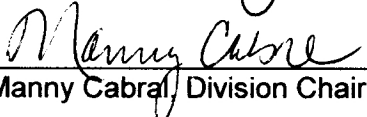
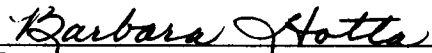

Kaua'i Community College

 _____ Peggy Cha, Chancellor	<u>1/17/07</u> Date
 _____ Ramona Kincaid, Assistant Dean of Instruction	<u>1/2/07</u> Date
 _____ Glenn Alquiza, Chair, Trade Technology Division	<u>1-2-07</u> Date
 _____ Richard Matsumura, Assistant Professor	<u>1/2/07</u> Date
 _____ Francis Takahashi, Assistant Professor	<u>1/2/07</u> Date

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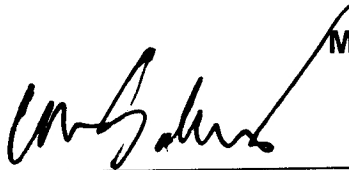
Leeward Community College

 _____ Peter Quigley, Chancellor	FEB 2 2007 _____ Date
 _____ Michael Pecsok, Interim Vice Chancellor	2/2/07 _____ Date JAN 31 2007
 _____ B. Michael Tagawa, Dean of Career and Technical Education	_____ Date
 _____ Manny Cabral, Division Chair, Math and Sciences	JAN 26 2007 _____ Date
 _____ Barbara Hotta, Professor and ICS Discipline Coordinator	1/29/07 _____ Date
 _____ Vincent Lee, Assistant Professor	2/6/07 _____ Date

UNIVERSITY OF HAWAI'I COMMUNITY COLLEGE SYSTEM
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Maui Community College



Clyde Sakamoto, Chancellor

12/7/06

Date

DEC - 7 2006



Suzette Robinson, Dean of Instruction

Date

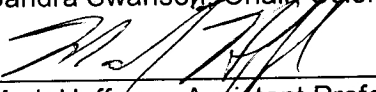
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Sandra Swanson, Chair, Science, Technology and Math Division

Date

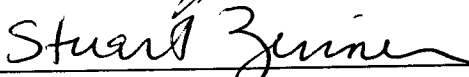
12/7/06



Mark Hoffman, Assistant Professor

Date

12/7/06



Stuart Zinner, Lecturer

Date