Annual Report

and

Accounting of Activities and Projects

July 1998-July 1999

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Cedar Rapids
Iowa 52406
USA

Acknowledgements

Community Colleges for International Development

Annual Report
1998-99

Executive Director's Report

This past year has been one of challenges, new commitments, excitement and growth for CCID.

The year began with uncertainty, as the consortium found itself searching for a new home base from which to operate. The leadership changes at Brevard Community College also presented us with special challenges. For the first time in our twenty-two year history CCID found itself with a new chairperson.

The retirement of **Dr. Maxwell King** was a seminal event in the history of CCID. He had provided leadership for the organization throughout its years, and his departure was not anticipated. Max will be remembered by everyone as a great leader, a great internationalist, and a great educator. He will also be known throughout the community college world as a college president unafraid of accepting the challenge of international work, and committing college staff to working overseas. He pioneered this at a time when community colleges did not venture far from home.

Because of these changed circumstances, the Board of Directors established an RFP process, and three colleges applied to host the consortium. Daytona Beach Community College, Florida; St. Petersburg Community College, Florida; and Kirkwood Community College, Iowa, submitted applications. At the July Board Meeting held at Toronto, Canada, by unanimous vote the Board agreed that Kirkwood Community College would be the host institution. In addition, it was agreed that the chair person would not be based at the host institution.

The summer and early autumn were occupied by the move of the office, its functions, files and equipment to Iowa. As the new Executive Director, the job of learning in rapid order the intricacies of the various projects, activities, conferences and meetings, as well as the personalities of the board members was the immediate challenge.

At the summer workshop in Toronto, the Board and the International Education Directors went through a process of goal setting. The following broad priorities were established:

- Establishing a Strategic Plan
- Ensure Financial Viability
- Become a Primary Contractor
- Provide Leadership and Services
- Provide opportunities to partner worldwide
- Position CCID as primary community college international development organization
- Increase sponsors at Annual Conference
- Ensure that members are active CCID participants
- Develop advance conference agenda
- Increase conference participation

With the assistance of the previous executive director, Bob Ludwiczak, the transition was smooth, as was the **Annual Conference** at Huntington Beach, CA. It was rewarding to hear it said that the conference was one of the best ever, with over 200 people in attendance . One change in the conference organization was the hiring of MRA Services to co-ordinate the Exhibitor / Vendor Program. We can expect to see many more vendors at Annual Conferences in the future. The Annual Conference is the show piece activity of CCID, where we reach out to introduce ourselves to others, as well as provide activities for the Members and Affiliates. At the **Summer Workshop**, a new initiative will be the provision of a forum for Member and Affiliate Colleges to visit about projects and activities.

Another activity has been almost monthly visits to Washington DC. Contacting, developing, and building relationships with potential partners has been a high priority. One of the goals from the planning meeting in Toronto was to establish CCID as an organization with financial strength. In reviewing how that might be reached, gaining major projects was an obvious goal. Hence the networking in Washington. CCID is now registered with the **Asia Development Bank**, with the **Africa Bank**, the **Inter American Bank** and the **World Bank.**

During the past year CCID has received **official delegations** from Trinidad and Tobago, Guyana, the Ukraine, Mexico, and China.

The **International Education Directors** met three times during the year. The July meeting took place at the Summer Workshop in Toronto, Canada; the January meeting at the Annual Meeting in Huntington Beach, California; and in April they met at Nashville, Tennessee. In addition a group of six met in Washington DC in early January for a workshop on how CCID can position itself to bid for major projects, such as World Bank. A shortened version on the same topic will be presented to the Presidents and IED's at the Summer Workshop. Due to the changes which the corporation has experienced, there were many issues for the IED's to address, including broad goals and objectives for the Corporation, revision of the Operational Manual, development of a Mission Statement, determining which areas of the world on which to focus activities, and others.

CCID was represented by at least three presentations at the **AACC Convention in Nashville**, at the **First World Congress of Colleges and Polytechnics in Quebec**, and at a number of state wide meetings sponsored by the **Stanley Foundation**. CCID was invited to cosponsor these meetings, initiated by the Foundation. We now have a table top display, so the CCID presence at conferences can be more visible.

With ACIIE and the Stanley Foundation, CCID was a partner in organizing a hearing in Washington DC on the international component of the *New Expeditions* project. The afternoon of testimony in the House Banking Committee Room, was followed by a two day retreat, funded by the Stanley Foundation, at Airlee House. The findings resulting from the testimony and the retreat have been presented to Robert Atwell for inclusion in the *New Expeditions Report: Community Colleges in the Year 2010.*

A University of Iowa Ph.D. candidate interned with CCID for six months and undertook vital background work on behalf of the consortium. Ms. Tina McRee researched **NICRA** for us and established an indirect cost rate for CCID grant applications. She researched appropriate **foundations** to approach for institutional capacity building for the organization. She sorted and collated resumes and C.V.'s for the **CCID Data Base of Consultants**. She attended meetings

and prepared papers, and in turn provided a sounding board for the Executive Director during this challenging time.

Robert Keener and Sinclair Community College continue to provide outstanding service to CCID by editing and printing the **CCID Newsletter** four times annually.

The IED's assisted with the effort to produce a comprehensive and professional **Capabilities Statement.** The initiative was spearheaded by State Center Community College District and Sinclair Community College. The result is a highly regarded document that can be added to and expanded as new projects come on line.

The **CCID Website** was moved from Brevard to Kirkwood Community College. Additions to the site include on-line conference and workshop registration; the **Corporate Profile; Recent CCID Projects;** and **Exemplary International Programs.** The marketing of CCID took a new turn with the introduction of this latter initiative. A flier has been distributed nationwide and is resulting in colleges being able to showcase their international programs through CCID. Those having papers published will be able to present at the annual conference, and will also be posted on the CCID website.

Grants, Contracts, Training and Proposals

The $1.4 million **UDLP/CCID/Guyana** project (managed by St.Louis Community College) came to a conclusion, and the final evaluation took place in November. The outstanding success of this project was evidenced by the meeting in the office of the US Ambassador to Guyana, when the Ambassador made it very clear how much the project had achieved. The Minister for Education, Dr. Dale Bisnuth, also indicated the success of the project by repeatedly referencing it in speeches and commentaries. Other Guyana projects in the planning stages, include **Workforce Development Planning** with a proposal with the US Institute for Peace; a **Measurement, Evaluation and Research Project,** an IDB project; and a proposal to **upgrade Secondary School Laboratories.** The $750,000.00 **Universidad Don Bosco** Project, in El Salvador also concluded this year.

CCID is discussing with the **Organization of American States** to how we might assist Honduras and Nicaragua in coping with the aftermath of Hurricane Mitch. In **Trinidad and Tobago,** CCID is working with the National Institute for Higher Education and Research (NIHERST), on devising a strategy for the creating a National Community College (NCC). Various attachments have taken place during the year, with CCID consultants going to the islands. The Minister of Information, Communications, Training and Distance Education, **Trinidad and Tobago,** visited with CCID and has requested that we work with them on a distance education conference in September 2000. Prior to that, other attachments to train teachers in distance education and curriculum will be taking place. CCID is discussing with American College Testing and National Computer Systems, the possibility of a collaborative project in **Guatemala.** An organization in **Argentina** has contacted CCID to determine our interest in collaborating with them in organizing and developing a community college.

In Asia, through a contact developed at APEC, CCID is following up on contacts in **Singapore** which are interested in the community college concept. A similar contact in the **Philippines** is also being developed. The **India Business Linkage Program** developed by Eastern Iowa Community College District is continuing to link small and medium sized businesses with

companies in India. Since becoming registered with the **Asia Development Bank (ADB)**, CCID is now able to bid on their projects, the first step of which is an Expression of Interest. CCID has an EOI for an ADB project in **Mongolia**. If short-listed CCID will be bidding the proposal against other development organizations. In **Vietnam**, the contacts established by Lansing Community College are bearing fruit with a University there requesting Lansing to assist with plans for a community college. The CCID/Spokane Agreement with the Oska Colleges of Technology, **Japan**, continues to produce a high level of activity. With **Apec-Hurdit**, the CCID position as a US Delegate has begun to become productive, with a pre-proposal for workforce development training being developed.

Eastern Iowa Community College District's project in **South Africa** links business faculty with Vista University. CCID submitted a tender to the Government of **Botswana**, to conduct a TVET feasibility study for the Ministry of Education. We are discussing with an energy provider the possibility of providing training on their behalf in **Southern Africa**.

In Europe, CCID will be visiting the **Barents Sea Euro-Arctic Group** to develop activities from the joint signing of the Memorandum of Agreement at the 1999 Annual Conference. The MOU with the Barents Sea Consortium will provide opportunities for CCID colleges to work with northern Norway, northern Sweden, northern Finland and western Russia on cooperative activities.

CCID will be receiving a delegation from **Macedonia** during the summer, and anticipate that when hostilities in that region become less, that development activities will be needed. We are positioning ourselves to be a player in that arena.

In conjunction with the Futures Group International, CCID is part of a $4.4 proposal to upgrade technical and vocational training in the **Lebanon**. The proposal is at the short listing stage.

In a new venture this year CCID began a jointly written proposal for funding from the **National Security Education Program (NSEP)**, focusing on acquiring languages. This will be submitted for the next round of grants in early spring year 2000. The countries of focus will be Russia, Brazil and Japan. This initiative was spearheaded by Irene Lietz at Lansing Community College, in conjunction with over ten other CCID members.

Oher Consortial Activities.

CCID is developing a strategy with our Australian Member College, the Royal Melbourne Institute of Technology to establish an **overseas office**. An India office is also a possibility.

Sinclair Community College took the initiative to lead a new effort in developing an ongoing series of **Professional Development Activities**. Beginning with a program to England in July 1999, other colleges are following with further professional development programs. Sinclair has agreed to coordinate these efforts on behalf of CCID.

CCID is in the process of organizing a **president's visit** to Niels Brock Business College, Copenhagen.

The **CCID Faculty Exchange Program** has been managed for the past year by Gary Plato at Waukesha Technical and Community College. This long standing program continues to provide

an excellent avenue for member and affiliate colleges to send and receive faculty. CCID continues to have authority through the **USIA Exchange Visitor Program** to issue **IAP66's**, thereby facilitating exchanges for scholars wishing to visit Member and Affiliate colleges.

New Directions

We continue to believe that the community college model has much to offer other countries. The willingness of CCID to adapt that model to local needs, continues to be a powerful selling point. The Executive offices will market this concept assertively over the coming year.

CCID will continue to build its capacity and base. We shall review foundation support, and we shall develop the overseas office concept. There are many advantages to having a base outside the US, and these need to be explored further. The role of member and affiliate colleges will need to be continuously evaluated, as new demands upon CCID make themselves felt.

Further efforts of the Executive Offices will be to focus on Washington DC, and developing the various funding opportunities available to the Consortium. CCID made very real headway in building relationships among the various agencies, and this needs to continue.

The focus on regions of the world will continue to develop. CCID has clusters of activities in the Caribbean, and in Asia, with other regions such as Africa and South America showing interest. We shall invest in the areas where we have worked in the past, but we shall also prospect in new areas.

We shall build a schedule of professional development activities around the world, and put it into a rolling 3 to 5 year program.

Faculty Exchanges will continue to be a high priority, as this is a major road by which colleges can be internationalized.

The world is rapidly changing, and despite the difficulties experience by CCID from the transition, the major impact has been to reinvigorate the organization. Today we are prepared for new initiatives and major projects as never before. We look forward to the new year and the challenges it presents.

John Halder
Executive Director
June 1999

Summary of CCID General Activities

1998-99

General Activities			
Activity	*Contacts*	*Description*	*Funding/other*
CCID Outreach	John Halder, CCID Paul McQuay DCCC	USAID, Dept of Labor, USDA, OAS, Futures Group International, AACC, ACIIE, ACCT, Citizens Energy Corp., British Council, Universitas, FAS, Fonty's International, AED, World Bank, ADB and Africa Bank, among others	CCID
CCID Capability Statement	Robert Keener, Sinclair. Tom Crow, State Center.	Design and printing of a CCID Capability Statement	CCID
Professional Dev. Program, Coordination.	Robert Keener, Sinclair	Organizing a professional development activity to the UK, and agreeing to coordinate a future ongoing program.	CCID/Colleges
NASA Professional Dev. Program	John Halder, CCID	CCID will provide science faculty the opportunity to experience the Space Life Science Program of the Kennedy Space Center.	CCID/Colleges
Professional Dev., China	Andrea Insley, Seattle Robert Keener, Sinclair.	CCID will market this professional dev. activity to the membership	Seattle, Sinclair, CCID.
PL480	Ed Stoessell, EICCD John Halder, CCID	CCID continues to investigate the possibility of the PL480 program providing funds to allow college faculty and others to travel at no cost to project locations.	
Foundation Support	John Halder, CCID	CCID is investigating the possibility of Foundation support to build infrastructure to the organization.	
Indirect Cost Rate	John Halder, CCID	CCID is preparing papers to support the establishment of NICRA for grant writing purposes.	

Mission Statement	John Halder, CCID	CCID is developing a Mission Statement, to help define goals and objectives.	
Registration with Asian Dev. Bank.	John Halder, CCID	CCID has completed the online application and is now registered.	
Registration with the Africa Dev. Bank.	John Halder, CCID	CCID has completed the registration process.	
World Bank registration	John Halder, CCID	CCID is ready to submit the registration.	
Visit to Barents Sea Euro-Arctic Group	Francisco Bertot, RSCCD John Halder, CCID	CCID will visit the Euro-Arctic Region Sept 24 – Oct 3 to discuss joint projects of mutual interest.	
Caribbean Conference of Distance Learning	John Halder, CCID	CCID will have a booth and will present at this conference, in order to further establish visibility and credibility in the region.	
Overseas Office, Australia	John Halder, CCID Alan Silver, RMIT	CCID and RMIT are developing legal documents to allow the office of each to represent the other.	
Overseas Office, India	Ed Stoessell, EICCD John Halder CCID Adrian Almeda, India	CCID and Adrian Almeda are discussing the mutual benefits of having an office in India.	
First World Congress, Quebec	Vivian Blevins, Peter Kellams, St. L.	CCID was represented at the First World Congress of Colleges and Polytechnics.	
British Council	John Halder, CCID Tony Digenakis, DTCC	CCID is renewing contacts with the British Council following personnel changes in both organizations.	
Universitas	John Halder, CCID	Universitas provides for European Universities what CCID provides for community colleges, and discussions about items of mutual interest are taking place.	

Community Colleges for International Development

Summary of CCID Project Activities
1998-99

Program	*CCID Contact*	*Description/Status*	*Funding source*
Central/South America			
UDLP/Guyana	Peter Kellams,St.L.	This $1.4 million $ project, to upgrade skills at the post secondary schools, concluded Dec 1998	USAID
Don Bosco Univ./ El Salvador	Francisco Bertot, RSCCD	CCID provided consulting and advising services. Completed Dec 1998	KfW Germany
Trinidad- Niherst	Paul McQuay, Peter Kellams, John Halder	CCID Agreement with the National Institute for Higher Educ., Research, Science and Tech. Of Trinidad & Tobago. CCID attachments in specific curriculum areas to assist in the transition to a national community college.	Trinidad & Tobago/USIA
Trinidad & Tobago	John Halder	Agreement with the Ministry of Distance Educ. to support their dist.education inititiatives	T/T
Guyana/MER	Peter Kellams	To provide Guyana with consulting to strengthen the Testing, Measurement and Assessment capacity of the Ministry of Education.	Primary Educ.Improvement Prog. /IDB
Guyana Workforce Development	Peter Kellams John Halder	Submitted to the US Institute for Peace, to conduct workforce development and school curriculum revision	US Peace Institute.
Guyana, Computer Assisted Instruction	Peter Kellams John Halder	Pilot study of 6 man months to design and implement a computer assisted learning project in 3 primary schools.	PEIP/IDB
Gautemala	John Halder	Discussions are taking place between CCID, ACT and NCS to design a joint project on environmental issues	USAID
Argentina Community College Development	John Halder	CCID has been approached to discuss how we might assist Argentina develop institutions similar to community colleges.	Argentina
OAS/Central Am.	John Halder	CCID has been holding discussions with OAS regarding technical assistance to the countries ravaged by Hurricane Mitch	OAS/World Bank

Middle East			
Lebanon	John Halder Paul McQuay	CCID has partnered with the Futures Group International, to provide TVET training to the Lebanon. The project is at the shortlisting stage.	World Bank
Asia			
Singapore Community College	Paul McQuay	Following up on APEC contacts, on an expression by Singapore of interest in establishing community colleges.	
Phillippines	John Halder	CCID is following up on Phillipine Congressional contacts on how cc's operate.	
India Business Linkage	Ed Stoessel, EICCD	Linking small and medium sized US businesses with companies in India	US Dept of Education
Mongolia	John Halder	CCID has submitted an Expression of Interest (EOI) in bidding on this ADB project	ADB
Apec-Hurdit, Workforce Development	John Halder Paul MuQuay	CCID has submitted a pre-proposal to Apec-Hurdit to conduct workforce evaluation and training in the region.	APEC
Africa			
South Africa	Ed Stoessel, EICCD	Linking Business faculty of EICCD and Vista University, SA, to research and enhance international trade opportunities between Eastern Iowa and Port Elizabeth.	USIA
Botswana	John Halder Jack Birmingham	CCID has submitted a tender to conduct a TVET feasibility study in Botswana	Government of Botswana
Citizens Energy Group	John Halder	Citizens Energy Group has requested CCID to contract to train workers in Africa.	
Europe			
Barents Sea Euro-Artic Group	Francisco Bertot John Halder	CCID has signed an Agreement with the Barents Sea Group and will be meeting with them later in 1999 to discuss technical assistance options.	
Macedonia delegates	Peter Kellams John Halder	CCID will be hosting a delegation from Macedonia, interested in developing educational exchanges.	CCID/St. L.
Macedonia Conflict Resolution.	John Halder Peter Kellams	CCID will explore with the Delegation the possibility of designing a project dealing with multi-culturalism and conflict resolution.	US Institute of Peace.

CCID TECHNICAL EDUCATION MATRIX

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	Broome CC	Coast CC District	CC of Allegheny Co.	CC of Spokane	Daytona Beach CC	Delaware County CC	Delaware Tech & CC	Eastern Iowa CC District	Florida CC of Jacksonv	Hinds CC	Humber College	Kirkwood CC	Lansing CC	Pima CC District	Rancho Santiago CC Di	Seattle CC District	Sinclair CC	State Center CC District	St. Clair CC	St. Louis CC	Univeristy of Hawaii CC	Waukesha County Tec
Business Technologies																						
Accounting	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X
Accounting Clerk				X													X					X
Admin/Executuve Asst.				X		X								X		X	X		X			X
Adm Office Systems		X		X	X	X	X	X		X		X	X			X	X	X	X	X	X	X
Adm. Secretary	X		X	X	X	X	X	X		X		X	X			X	X		X	X	X	X
Artificial Intelligence																	X					
Air Traffic/Aviation Mgt.		X							X	X							X					
Avionic Technology		X								X			X			X			X		X	
Banking/Financial Mgt.	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X			X
Bilingual Secretary						X																
Business Administration	X			X		X		X		X	X	X		X		X	X	X	X			X
Business Mgmt.	X	X	X	X	X	X	X	X	X		X	X		X		X	X	X	X	X	X	X
Computer Info. Systems	X	X		X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X
Computer Programming	X	X		X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X
Court & Conf. Reporting		X	X		X					X			X	X						X	X	
Credit/Financial Clerk			X	X																		X
Data Entry Operations				X		X				X			X			X	X					X
Fashion Merch.		X	X	X	X			X	X	X	X	X				X			X	X	X	X
Food Store Mgt.		X	X										X			X					X	X
Housing Management																		X		X		X
Industrial Super./Mgmt.		X	X		X		X	X	X		X					X			X	X		X
Insurance Marketing		X	X		X	X			X			X				X			X			X
International Trade/Business	X			X				X		X	X	X		X		X			X	X		X
Labor Studies		X	X										X			X						
Legal Assisting		X	X	X	X	X	X		X	X	X	X	X	X		X	X	X	X	X		
Legal Secretary				X						X		X				X			X	X	X	
Logistics Mgmt.												X				X			X			
Management				X		X	X	X		X	X		X	X		X	X		X			X
Mgmt. Development				X		X		X			X	X				X		X	X	X		X
Marketing	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X
Microcomputer App.		X			X		X			X	X		X			X	X		X			X
Microcomputer Support							X			X	X		X	X		X	X		X			X
Office Mgmt. Tech.				X	X					X						X	X	X	X		X	
Office Systems Specialist				X			X		X	X						X			X			X
Personnel Mgmt./Human Realtions		X	X	X			X			X						X			X	X		
Public Admin.		X	X			X				X			X						X			
Public Relations		X								X	X								X			
Purchasing Mgmt.		X	X							X						X			X			
Real Estate/Property Assess.		X	X	X	X	X			X	X			X	X		X	X		X	X	X	X
Retailing				X						X			X			X		X		X		

CCID TECHNICAL EDUCATION MATRIX

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	Broome CC	Coast CC District	CC of Allegheny Co.	CC of Spokane	Daytona Beach CC	Deleware County CC	Deleware Tech & CC	Eastern Iowa CC Dist	Florida CC of Jackso	Hinds CC	Humber College	Kirkwood CC	Lansing CC	Pima CC District	Rancho Santiago CC	Seattle CC District	Sinclair CC	State Center CC Dist	St. Clair CC	St. Louis CC	Univeristy of Hawaii	Waukesha County T
Sales & Distribution	X	X			X					X		X	X			X	X	X	X	X	X	
Secretary Tech./Office Ed.	X		X	X	X	X		X	X	X		X	X					X	X	X	X	X
Small Bus. Mgmt.	X	X	X	X	X	X	X	X		X	X	X				X	X	X	X	X		X
Teller Operations				X					X								X					
Textile Mgmt.																X						
Trade & Industrial Tech.																		X				X
Transportation Mgmt.			X								X						X					
Travel/Tourism	X	X	X			X			X	X	X		X	X			X		X	X	X	X
Word/Information Processing Mgmt.			X							X						X	X		X			
Word Info Proc. Specialty Concentrations			X							X							X		X			
Word Processing			X		X		X	X	X	X			X			X	X	X	X			X
Engineering, Const. & Mfg.																						
Air Cond. Eng. Tech.		X	X	X	X	X	X	X	X	X	X					X	X	X	X		X	X
Architectural Drafting			X		X		X		X	X			X			X	X	X	X			X
Arch./Eng. Design Tech.		X		X	X	X		X	X	X	X		X			X	X	X	X	X		X
Automated Mfg. Tech.	X		X	X		X	X	X		X	X	X	X			X	X	X	X	X		X
Automotive Body Repair/Refinsh			X				X		X		X					X		X				X
Automotive Machine Shop			X							X						X						X
Automotive Tech.			X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X
Building Construction Tech.			X	X		X			X	X			X	X		X	X		X			X
Chemical Process													X						X			X
Civil Eng. Tech.	X		X	X	X	X	X				X					X	X		X	X		X
Commercial/Industrial Electricity			X		X		X	X	X										X			X
Communication Electronics		X		X		X	X		X	X	X	X	X			X			X	X		X
Computer Electronics		X		X	X	X	X		X	X		X				X	X	X	X	X		X
Computer Eng. Tech. (Digital)			X		X					X						X	X		X			X
Computer Numerical Control Tech.		X	X		X	X	X	X		X	X		X	X		X	X		X	X		X
Computer Repair			X		X				X	X				X		X			X			X
Construction Mgmt.		X	X	X	X	X	X		X	X		X				X		X	X	X		X
Digital Service Tech.																X			X			X
Draft./Design/Industrial/Arch.	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X
Electrical Eng./Power & Cont. Tech.	X	X	X		X				X	X						X		X	X	X		X
Electromech. Tech/Robotics	X	X		X		X	X	X		X							X	X	X	X		X
Elect. Eng. Tech.	X	X		X		X	X	X	X	X	X	X				X	X	X	X	X	X	X
Elect. Servicing		X		X		X	X			X		X							X	X		X
Eng. Drafting Tech.		X	X	X		X	X	X		X	X					X	X		X	X		X
Eng. Graphics Tech.	X	X	X			X	X			X	X		X			X			X	X		X
Eng. Tech (General)	X	X	X		X	X				X	X							X	X	X		X
Gasoline Engine Mechanics									X								X		X			X
Heating, Vent, A/C., Refrigeration Tech.		X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X
Industrial Electronics			X	X	X	X	X	X	X	X			X			X	X	X	X	X		X
Industrial Eng. Tech.	X	X	X	X	X	X	X			X	X					X	X		X	X		X

CCID TECHNICAL EDUCATION MATRIX

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Industrial Lab Tech.		X	X			X	X									X			X	X		X
Industrial Maint. Mechanic		X	X	X		X	X	X			X	X	X						X			X
Industrial Safety Technician							X	X			X								X	X		
Machine Tool/Shop Tech.		X		X	X	X	X	X		X	X	X	X	X			X	X	X		X	X
Mfg. Tech.	X	X			X		X			X		X				X	X	X	X	X		X
Materials Science	X																	X	X	X		
Mech. Eng. Tech./Mech. Design	X	X		X		X	X			X	X					X	X		X	X	X	X
Mining Tech.								X														
Nuclear Eng. Tech.		X																				
Num. Control Tech.		X				X		X			X		X				X		X			X
Packaging. Eng. Tech.			X								X									X		
Paint Technology									X													
Plastics Tech.					X					X							X		X		X	X
Process Piping Design																						
Production													X						X	X		
QC & Reliability	X	X	X				X						X				X		X	X		X
Residential & Commercial Carpentry			X					X	X									X	X			X
Residential & Comm. Elect. Wiring			X						X										X			X
Residential & Comm Plumbing									X										X			X
Safety/Loss Prev. Mgmt. Tech.						X			X		X						X		X			X
Sheet Metal Practice		X	X			X													X	X		
Tractor & Trailor Body Repair/Refinish																						
Welding		X	X		X	X	X	X	X	X	X	X	X			X		X	X		X	X

Agriculture, Marine, Envir. & Natural Sciences

	Broome CC	Cobst CC District	CC of Allegheny Co.	CC of Spokane	Daytona Beach CC	Deleware County CC	Deleware Tech & CC	Eastern Iowa CC Dist	Florida CC of Jackso	Hinds CC	Humber College	Kirkwood CC	Lansing CC	Pima CC District	Rancho Santiago CC	Seattle CC District	Sinclair CC	State Center CC Dist	St. Clair CC	St. Louis CC	Univeristy of Hawaii	Waukesha County T
Agri-Bus. Tech.			X			X	X		X			X						X				
Agriculture Mech.							X					X						X				
Agronomy Tech./Agriculture Prod.						X			X			X						X			X	
Animal Health						X			X									X	X			
Chemical Science						X										X			X			
Environ. Control Tech.		X	X			X					X		X			X			X			
Fisheries Tech.																						
Floral Tech. & Design			X						X			X				X						
Forest Eng. Tech.										X									X			
Forest/Park Tech.										X		X							X			
Forest Tech./Arboriculture			X							X									X			
Geographic Resources/Environment													X									
Hazardous Mat'ls Tech.		X				X	X	X								X	X	X			X	
Horse Husbandry.												X							X			
Hort./Natural Res./Landscape			X	X								X	X	X		X			X		X	
Hydrographic Survey Tech.		X		X																		
Landscape & Env. Hort.			X	X						X	X	X	X	X		X			X	X	X	
Marine Carpentry																X					X	

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	Broome CC	Coast CC District	CC of Allegheny Co.	CC of Spokane	Daytona Beach CC	Deleware County CC	Deleware Tech & CC	Eastern Iowa CC District	Florida CC of Jacksonvi	Hinds CC	Humber College	Kirkwood CC	Lansing CC	Pima CC District	Rancho Santiago CC Di	Seattle CC District	Sinclair CC	State Center CC District	St. Clair CC	St. Louis CC	University of Hawaii CC	Waukesha County Tech
Marine Engine Repair									X							X					X	
Marine Eng. Tech./Deck Officer																X						
Ornamental Hort.		X	X								X	X				X		X		X	X	
Petro. Tech.																						
Poultry Tech.		X				X				X												
Recreation Assisting			X								X										X	
Solar Tech.		X									X											
Veterinary Technician						X				X		X	X						X			
Water Resources Tech.				X																		
Water Treat. Tech.		X	X	X						X			X						X	X		
SOCIAL SCIENCES, LAW, EDUCATION & COMMUNICATION																						
Alcohol Counseling					X							X							X	X		X
Child Care Center Operations			X							X		X				X	X		X			X
Child Care Services			X			X				X		X				X	X		X	X		X
Community Mental Health		X														X	X		X	X		
Corrections	X		X		X	X	X		X	X	X	X	X	X			X	X	X	X	X	
Criminal Justice	X	X	X	X	X	X	X	X	X	X	X		X	X	X			X	X		X	X
Early Child. Ed.	X		X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X
Ed. Tech.		X	X			X				X	X									X	X	
Foreign Languages	X		X		X		X		X				X			X	X	X	X		X	
Handicapped Serv.		X	X	X					X	X		X				X	X	X	X			
Home Ec./Consumer Ed.		X	X				X	X	X										X		X	
Human Services Tech.	X	X	X				X		X	X			X					X	X	X	X	
Interpreter Train./Man. Communication		X	X	X	X		X	X	X	X		X	X	X		X			X	X	X	X
Journalism Tech.		X				X	X		X	X	X		X						X	X		
Law Enforce. Adm./Security	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X	X	X	X	X
Media Tech.		X	X						X		X	X	X	X					X	X		
Police Science		X			X	X	X	X	X	X	X						X	X	X	X	X	X
Private Security Guard					X				X	X								X				
Radio & TV Broad.	X	X					X	X		X									X	X		
Recording Arts Tech.																						
Social & Human Serv.	X		X	X	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	
Special Ed.		X		X															X	X		
Teacher Ed.			X			X					X	X				X				X		X
Tech. Writing	X	X				X		X		X	X					X			X	X		
Medical, Dental, Health																						
Biomedical Elect.					X				X			X				X					X	
Biomedical Equip. Tech.		X		X		X			X							X					X	
Chemical Tech.	X		X	X		X	X	X			X								X	X		
Dental Assist.		X	X	X	X		X	X	X	X		X	X	X			X	X	X	X	X	

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	Broome CC	Coast CC District	CC of Allegheny Co.	CC of Spokane	Daytona Beach CC	Deleware County CC	Deleware Tech & CC	Eastern Iowa CC Dist	Florida CC of Jackso	Hinds CC	Humber College	Kirkwood CC	Lansing CC	Pima CC District	Rancho Santiago CC	Seattle CC District	Sinclair CC	State Center CC Dist	St. Clair CC	St. Louis CC	Univeristy of Hawaii	Waukesha County T
Dental Hygiene	X	X			X		X		X	X		X			X			X	X	X	X		X
Dental Lab. Tech.							X		X			X			X					X		X
Dental Mgmt.							X		X											X		
Diagnostic Med. Sonography		X		X					X						X					X	X	
Dietetic Serv.	X			X					X	X							X	X	X	X		
Electrodiagnostic Tech.		X											X							X		
Electroencephalographic Tech.																						
Emergency Med. Tech.	X	X			X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X
Gerontology	X		X			X					X		X		X		X		X	X		
Health Info. Mgmt.			X						X	X							X		X			
Health Serv.		X				X			X	X			X							X	X	
Health Ultrasound Tech.			X																			
Histologic Tech									X													
Home Health Aid								X	X	X									X			
Medical Assistant	X	X		X		X			X	X	X		X	X			X	X	X	X	X	X	X
Medical Claims Analyst																						
Medical Lab Tech	X	X	X			X	X	X	X	X									X	X	X	X
Medical Office Assist. Tech	X		X	X		X	X		X	X		X			X		X	X		X	X	X
Medical Office Spec. Concentrations															X							
Medical Record Tech	X	X	X		X		X		X	X		X	X		X		X	X		X	X	X
Medical Transcription			X	X	X		X		X	X		X	X		X	X	X	X	X	X	X	X
Mental Retardation	X	X																	X			
Nuclear Med Tech		X	X		X																	
Nursing (R.N.)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X
Nursing Assist.			X		X		X	X	X	X					X	X	X	X	X			X
Occupational Therapy Assist.		X	X		X					X	X	X					X	X		X	X	X
Ortho. Physicians Assist.																						
Ophthalmic Dispens. Tech.																	X					
Optical Electronics																	X					
Paramedic			X		X		X		X	X			X		X		X	X	X		X	X
Patient Care Assist.									x						X				X			
Pharmacy Assist.			X	X			X			X					X			X	X			X
Phlebotomy Tech.			X	X						X											X	X
Physical Fitness Tech.		X	X	X		X				X	X				X					X		
Physical Therapy Assist.	X	X	X	X		X			X	X	X	X					X			X	X	X
Physician Assist.									X													
Practical Nursing		X		X	X		X	X	X	X	X	X	X		X			X	X	X	X	X
Radiologic Tech.	X	X	X				X	X	X	X			X		X		X	X		X	X	X
Rehab. Worker		X																			X	
Resp. Therapy Tech.		X	X	X	X	X	X		X			X	X		X	X	X	X		X	X	
Substance Abuse			X	X			X								X		X	X		X		

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Surgical Tech.				X	X				X	X			X				X					X
X-Ray Eng. Tech.	X	X	X		X		X						X						X		X	X
Photography, Design/Adv. Art, Other Arts																						
Ad. Design/Ad. Art		X			X					X	X			X		X	X		X	X		
Apparel Arts/Design & Serv.										X				X		X	X			X	X	X
Camera Ready Art										X						X	X					
Computer Art		X		X	X					X	X		X	X		X	X		X	X	X	
Desktop/Electronic Publishing					X			X	X	X				X		X	X		X			X
Graphics & Visual Design		X	X	X	X				X	X	X		X	X		X	X		X	X	X	
Home Furn./Int. Design					X			X		X	X						X	X	X	X		X
Industrial Photo. Tech.		X								X	X											
Interior Design		X		X				X	X	X	X	X	X	X			X		X	X		X
Jewelry																X						
Photography			X							X	X					X	X			X		
Photo Journalism		X								X	X								X			
Printing/Graphic Arts			X							X				X		X	X		X			X
Tech Illustration		X				X				X												
Theater Arts										X			X			X	X			X		
HOSPITALITY & OTHER																						
Aero. Science Tech/Aviation Maint.		X	X							X			X							X		
Barbering/Hair Dressing			X							X						X			X			X
Cabinetmaking & Millwork/Cabinetry		X	X							X	X					X			X			
Cosmetology		X	X							X				X		X			X			X
Cosmetology Specialist - Nails			X													X			X			
Culinary Arts		X	X			X				X	X					X	X		X	X		X
Custom Garment Making (Tailoring)																X						
Diesel & Heavy Equip. Tech.			X			X	X	X	X	X		X	X			X					X	
English as Second Language	X				X	X	X	X		X	X	X	X			X	X		X		X	X
Fire Science Tech.	X		X	X	X	X	X	X	X	X		X	X	X			X	X		X	X	X
Food Processing Tech.										X						X			X			
Food Service Tech.		X	X			X			X	X			X			X	X		X	X	X	X
Golf Course Ed.										X	X											
Horology										X						X						
Hotel/Motel/Hosp. Mgmt.	X		X	X	X	X	X		X	X	X		X	X		X	X		X	X	X	X
Mortuary Science/Funeral Serv. Ed.											X									X		
Office Machine Repair		X								X												X
Pilot Training		X	X	X				X	X	X	X		X								X	
Public Services					X		X														X	
Recreation Mgmt.											X											
Restaurant Mgmt.	X		X	X		X			X	X	X			X		X	X		X			X
Dietic Specialist												X										

CCID Member Colleges

Broome Community College
Binghamton, NY
Coast Community College District
Costa Mesa, CA
Community College of Allegheny County
Pittsburgh, PA
Community Colleges of Spokane
Spokane, WA
Daytona Beach Community College
Daytona Beach, FL
Delaware County Community College
Media, PA
Delaware Technical and Community College
Dover, DE
Eastern Iowa Community College District
Davenport, IA
Florida Community College at Jacksonville
Jacksonville, FL
Hinds Community College
Raymond, MS
Humber College
Etobicoke, Ontario, Canada
Kirkwood Community College
Cedar Rapids, IA
Lansing Community College
Lansing, MI
Pima County Community College District
Tucson, AZ
Rancho Santiago Community College
Santa Ana, CA
Seattle Community College District
Seattle, WA
Sinclair Community College
Dayton, OH
State Center Community College District
Fresno, CA
St. Clair College of Applied Arts and Technology
Windsor, Ontario, Canada
St. Louis Community College
St. Louis, MO
University of Hawaii Community Colleges
Honolulu, HI
Waukesha County Technical College
Pewaukee, WI

International Affiliate Members

Niels Brock Copenhagen Business College
Copenhagen, Denmark
Royal Melbourne Institute of Technology
Melbourne, Victoria, Australia

Affiliate Colleges

Anne Arundel Community College
Arnold, MD
Austin Community College
Austin, TX
Black Hawk College
Moline, IL
British Columbia Inst. Of Technology
Burnaby, British Columbia
Broward Community College
Ft. Lauderdale, FL

Bunker Hill Community College
Boston, MA
Charles County Community College
La Plata, MD
Clark State Community College
Springfield, OH
College of DuPage
Glen Ellyn, IL
Columbus State Community College
Columbus, OH
Community College of Philadelphia
Philadelphia, PA
Cossatot Technical College
DeQueen, AR
Cuyahoga Community College
Cleveland, OH
Dallas County Community College District
Dallas, TX
Erie Community College
Buffalo, NY
Forsyth Technical Community College
Winston-Salem, NC
Fox Valley Technical College
Appleton, WI
Green River Community College
Auburn, WA
Harford Community College
Bel Air, MD
Highline Community College
Des Moines, WA
Hillsborough Community College
Tampa, FL
Howard Community College
Columbia, MD
Illinois Eastern Community Colleges
Olney, IL
Indian River Community College
Fort Pierce, FL
Kishwaukee College
Malta, IL
LaGuardia Community College
Long Island City, NY
Lexington Community College
Lexington, KY
Lorain County Community College
Elyria, OH
Manatee Community College
Bradenton, FL
Maricopa County Community College
Tempe, AZ
Metropolitan Community Colleges
Kansas City, MO
Miami-Dade Community College
Miami, FL
Middlesex Community College
Bedford, MA
Mohawk Valley Community College
Utica, NY
Monroe Community College
Rochester, NY
Moraine Valley Community College
Palos Hills, IL
Mt. San Antonio College
Walnut, CA
New Mexico St. University at Carlsbad
Carlsbad, NM
Northampton Community College
Bethlehem, PA
Northcentral Technical College
Wausau, WI
North Harris Montgomery C.C. District
Houston, TX

North Hennepin Community College
Brooklyn Park, MN
Pellissippi State Technical Community College
Knoxville, TN
Peralta Community College District
Oakland, CA
Pierce College
Tacoma, WA
Prairie State College
Chicago Heights, IL
St. Clair County Community College
Port Huron, MI
St. Petersburg Junior College
St. Petersburg, FL
Southwest Virginia Community College
Richlands, VA
Suffolk Community College
Selden, NY
Suny College of Technology at Delhi
Delhi, NY
Suny College of Agriculture & Technology at Morrisville
Morrisville, NY
Tompkins Cortland Community College
Dryden, NY
Trident Technical College
Charleston, SC
Tulsa Junior College
Tulsa, OK
Utah Valley State College
Orem, UT
Valencia Community College
Orlando, FL

International Associates

Barnsley College
South Yorkshire, England
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Quintana Roo, Mexico
Osaka College of Medical Technology
Osaka, Japan
Hokkaido College of High Technology
Hokkaido, Japan
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