

To: Dan Klaich  
Nevada System of Higher Education

CC: Crystal Abba  
Nevada System of Higher Education  
David Longanecker  
WICHE

From: Dennis Jones

Date: March 31, 2015

Subject: Baccalaureate Program at GBC

Attachment: Listing of 2-Year Institutions offering Baccalaureate degrees.

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Before getting to your specific question about whether it's possible to offer baccalaureate programs at GBC without the college abandoning its community college mission and becoming a state college, it is probably useful to briefly deal with the concept of "mission." I have always found it useful to think about "mission" as having three distinct components:

- Programs offered – the level and disciplines of the programmatic offerings of the institution. This is the part we always talk about when we make broad categorizations of institutions:
  - Community colleges can offer a wide variety of academic and vocational programs but confined to the sub-baccalaureate level (programs that culminate in associate degrees and certificates). They also typically offer remedial and "pre-collegiate" instruction.
  - State colleges offer baccalaureate programs with perhaps a smattering of masters level programs.
  - Universities offer doctoral and professional programs and typically have research and public service programs within the array of functions they are expected to perform.

It should be noted that program level is the primary distinguishing characteristic. But it's not the only one. For example, we often indicate that certain institutions have a "land grant" mission, indicating an expectation that they provide a unique set of services.

- Clients to be served. There are many potential client characteristics that help to define the mission of an institution, among them
  - Academic preparation, with community colleges traditionally being open access and research universities being more selective.
  - Race – for example HBCUs and HSIs.
  - Geographic region. While it is common for universities and state colleges to be considered to have statewide missions, it is equally common for community colleges



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to have a more regional focus (either because of a funding structure that ties community colleges to geographic taxing districts or the realities of commuting patterns). Services to particular employers or industries also have a distinct geographic orientation (e.g., mining in the Elko region).

- Unique delivery models – on-line education at Charter Oak in Connecticut, or education with a heavy practice orientation at institutions like Northeastern University. There are no institutions in Nevada defined by their unique delivery models.

If we talk about the missions of community colleges and the ways they are changing around the edges, two trends are noticeable, both of which lead community colleges to provide programs at the baccalaureate level. The first is in programmatic areas that have historically been within the purview of community colleges but where program accreditation or licensure of graduates requires a baccalaureate degree. Programs in the allied health fields are notorious for raising requirements in this way. Because community colleges have often been the only institutions with capacity in these fields, it has made more sense to allow them to expand their programs to the baccalaureate level rather than to start entirely new programs in four-year institutions. Engineering technologies is another area in which such expansion has occurred, not because of licensure requirements but because

- The substance of the program has expanded to the point where a two-year program can no longer cover the required material.
- The hands-on nature of the substance is such that it fits much more readily within the culture of a community college than a four-year institution with a more theoretical orientation to the related subject matter (engineering as opposed to engineering technology).

It should be noted that the programs now being offered at the baccalaureate level by community colleges in this arena are all in the area of technical/vocational programs.

A more common reason for expanding community college programming is to serve the needs of the students in a service area that cannot be (or at least are not being) served by four-year institutions in a region. In the case of GBC, this situation arises because the college is the only institution serving a large geographic area having a low population base. In most states where community college missions have been expanded, the rationale has been

- There are unmet needs in the service area, especially for applied baccalaureate programs. The four-year institutions have too little capacity to meet demand.
- It is cheaper to expand community colleges than to build new four-year institutions (or expand existing ones).

I've had folks here run a listing of two-year institutions awarding baccalaureate degrees. The takeaways are:

1. Using 2012-13 data, 17 states, including Nevada, had two-year institutions that were offering baccalaureate degrees. A couple more – Michigan and Illinois – have started down the path and have likely granted permission for such programs (or will soon). Of these states, Florida has the largest commitment to this organizational arrangement.
2. At most, institutions are awarding fewer than 30% of their degrees at the baccalaureate level; most are well below this level.

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3. The programs are almost entirely in applied fields – education, business, nursing and allied health, computer/information technology, etc. Georgia is the only state in which 2-year institutions are offering true arts and sciences programs, and the numbers are very small.
  4. The states with the greatest involvement can be characterized as
    - States with very large community college system and restricted capacity at the 4-year level (e.g., Florida, Washington, Illinois).
    - States with technically oriented two-year programs that took on four-year programs as a result of the evolution of program requirements (the Agriculture and Technology Colleges in New York).
    - States with demand in sparsely settled parts of the state and no four-year capacity nearby (Texas, Utah).

With regard to the specific issue of GBC offering baccalaureate degrees, I would offer the following:

1. The likelihood that there are demands for programs in the region that aren't being met is very high. I have no basis for judging the need for the specific programs for which approval is being sought. Rather than weighing in on the efficacy of the programs, I would like to offer some procedural ideas for dealing with requests for approval of programs that are outside an institution's historic mission
  - a. The program be offered within the constraints of the institution's faculty (and other) resources; no new money.
  - b. Given that the efficacy of the program is based on projected – but unproven – demand, approvals be granted on a conditional basis. If, after five years, targets have not been met and there is no evidence of sustained demand, the program be discontinued.
2. While there may be need for the proposed programs, it is also likely that there are needs for programs which the regional institution is ill-equipped to provide. In this particular case, it is likely that there are needs in the GBC service area for which the college is not proposing to offer responsive programs. In rural areas (especially) these needs are likely to be episodic and not large enough to justify an investment in a new program. This doesn't mean that the demands should be ignored, just that an alternative means of responding to them must be devised.

One of the benefits of a diverse set of institutions organized as a System (like NSHE) is that the full array of programmatic assets of the collective enterprise can be available to respond to these episodic needs. What is needed is a policy environment and incentive structure that encourages all institutions to

- Actively seek to identify needs in their “responsibility” area – especially the needs that they do not have the programmatic capacity to serve.
- “Broker in” programs from another institution and provide the administrative and student support services necessary to make collaborative arrangements work and to help ensure that students can succeed.

It is usually the case that such programs are best organized on a cohort basis. This arrangement provides the providing institution some assurance of sufficient demand to make their efforts

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worthwhile. It also creates a natural “learning community” that provides students with peer support and assistance.

The funding model used by NSHE makes creating the kinds of incentives necessary to make collaboration work fairly straightforward. The arrangement I envision could

- Allow the receiving-site institution to keep the tuition from enrollments in these collaborative courses. These funds would pay for needs assessment activities and the provision of administrative and student support services.
- Allow the providing institution to count the SCH and include them in the formula. Since the teaching institution is bearing none of the “recruitment” and supports service costs the marginal revenue should be more than sufficient to cover the costs of instruction.

One of the side benefits of this arrangement is that it can be a device for testing the waters to determine whether an on-going capacity at the receiving-site institution can be justified. If, after several years, it is demonstrated that demand is strong and sustained, a request for program approval can be entertained (with much stronger justification than is now the case).

I have responded to a much broader question than the narrow one you raised. Hope this is useful none-the-less.

Public Institutions Awarding at Least 70% Associates with the remaining Baccs, 2012-13

Data Source: NCHEMS NCEES IPEDS Completions Survey, 2012-13

Prepared by: Linda Leyba on 3/20/2015 (303) 497-0314

Notes: Currently all Public 4-Year (sector = 1) in 2012-13

Notes: Associates includes all awards less than Bacc degree.

UNITID	Institution	State	CC Basic		Carn 2000		Num		Total		% 2-Year		% 4-Year		Awd	CIP Code	CIP Description	Bach
			Awds	2000	Awds	2000	4-Year	Total	Awds	%	Awds	%						
240736	American Samoa Community College	AS	4	40	270	5	275	98.2	1.8	13.1202	Elementary Education and Teaching.	5						
105297	Dine College	AZ	33	60	123	9	132	93.2	6.8	13.1202	Elementary Education and Teaching.	9						
126711	Colorado Mountain College	CO	3	40	1071	51	1122	95.5	4.5	30.3301	Sustainability Studies.	23						
126711	Colorado Mountain College	CO	3	40	1071	51	1122	95.5	4.5	52.0201	Business Administration and Managem	28						
132709	Broward College	FL	7	40	7485	354	7839	95.5	4.5	11.0103	Information Technology.	36						
132709	Broward College	FL	7	40	7485	354	7839	95.5	4.5	11.1099	Computer/Information Technology Ser	23						
132709	Broward College	FL	7	40	7485	354	7839	95.5	4.5	13.1001	Special Education and Teaching, Gener	56						
132709	Broward College	FL	7	40	7485	354	7839	95.5	4.5	13.1311	Mathematics Teacher Education.	8						
132709	Broward College	FL	7	40	7485	354	7839	95.5	4.5	13.1316	Science Teacher Education/General Sci	3						
132709	Broward College	FL	7	40	7485	354	7839	95.5	4.5	13.1322	Biology Teacher Education.	4						
132709	Broward College	FL	7	40	7485	354	7839	95.5	4.5	51.3801	Registered Nursing/Registered Nurse.	52						
132709	Broward College	FL	7	40	7485	354	7839	95.5	4.5	52.0299	Business Administration, Management	172						
133021	Chipola College	FL	12	40	538	82	620	86.8	13.2	13.1001	Special Education and Teaching, Gener	3						
133021	Chipola College	FL	12	40	538	82	620	86.8	13.2	13.1202	Elementary Education and Teaching.	38						
133021	Chipola College	FL	12	40	538	82	620	86.8	13.2	13.1305	English/Language Arts Teacher Educati	2						
133021	Chipola College	FL	12	40	538	82	620	86.8	13.2	13.1311	Mathematics Teacher Education.	4						
133021	Chipola College	FL	12	40	538	82	620	86.8	13.2	13.1322	Biology Teacher Education.	1						
133021	Chipola College	FL	12	40	538	82	620	86.8	13.2	51.3801	Registered Nursing/Registered Nurse.	17						
133021	Chipola College	FL	12	40	538	82	620	86.8	13.2	52.0201	Business Administration and Managem	15						
133021	Chipola College	FL	12	40	538	82	620	86.8	13.2	52.0299	Business Administration, Management	2						
133021	Chipola College	FL	3	40	1718	34	1752	98.1	1.9	13.1210	Early Childhood Education and Teachin	5						
132851	College of Central Florida	FL	3	40	1718	34	1752	98.1	1.9	52.0299	Business Administration, Management	29						
133386	Daytona State College	FL	12	40	4095	400	4495	91.1	8.9	13.1001	Special Education and Teaching, Gener	4						
133386	Daytona State College	FL	12	40	4095	400	4495	91.1	8.9	13.1202	Elementary Education and Teaching.	58						
133386	Daytona State College	FL	12	40	4095	400	4495	91.1	8.9	13.1311	Mathematics Teacher Education.	3						
133386	Daytona State College	FL	12	40	4095	400	4495	91.1	8.9	13.1316	Science Teacher Education/General Sci	1						

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			Basic	2000	2-Year	4-Year	Awds	Total				2-Year
133386	Daytona State College	FL	12	40	4095	400	4495	91.1	8.9	13.1322	Biology Teacher Education.	2
133386	Daytona State College	FL	12	40	4095	400	4495	91.1	8.9	15.9999	Engineering Technologies and Engineeri	65
133386	Daytona State College	FL	12	40	4095	400	4495	91.1	8.9	52.0299	Business Administration, Management	267
133508	Edison State College	FL	12	40	2550	343	2893	88.1	11.9	13.1202	Elementary Education and Teaching.	81
133508	Edison State College	FL	12	40	2550	343	2893	88.1	11.9	13.1305	English/Language Arts Teacher Educati	10
133508	Edison State College	FL	12	40	2550	343	2893	88.1	11.9	13.1311	Mathematics Teacher Education.	12
133508	Edison State College	FL	12	40	2550	343	2893	88.1	11.9	43.9999	Homeland Security, Law Enforcement,	41
133508	Edison State College	FL	12	40	2550	343	2893	88.1	11.9	51.0908	Respiratory Care Therapy/Therapist.	4
133508	Edison State College	FL	12	40	2550	343	2893	88.1	11.9	51.3801	Registered Nursing/Registered Nurse.	81
133508	Edison State College	FL	12	40	2550	343	2893	88.1	11.9	52.0299	Business Administration, Management	114
133702	Florida State College at Jacksonville	FL	12	40	7289	533	7822	93.2	6.8	11.0901	Computer Systems Networking and Tel	50
133702	Florida State College at Jacksonville	FL	12	40	7289	533	7822	93.2	6.8	11.1099	Computer/Information Technology Ser	41
133702	Florida State College at Jacksonville	FL	12	40	7289	533	7822	93.2	6.8	13.1210	Early Childhood Education and Teachin	145
133702	Florida State College at Jacksonville	FL	12	40	7289	533	7822	93.2	6.8	26.0102	Biomedical Sciences, General.	6
133702	Florida State College at Jacksonville	FL	12	40	7289	533	7822	93.2	6.8	43.0202	Fire Services Administration.	6
133702	Florida State College at Jacksonville	FL	12	40	7289	533	7822	93.2	6.8	43.9999	Homeland Security, Law Enforcement,	15
133702	Florida State College at Jacksonville	FL	12	40	7289	533	7822	93.2	6.8	51.3801	Registered Nursing/Registered Nurse.	25
133702	Florida State College at Jacksonville	FL	12	40	7289	533	7822	93.2	6.8	52.0201	Business Administration and Managem	11
133702	Florida State College at Jacksonville	FL	12	40	7289	533	7822	93.2	6.8	52.0299	Business Administration, Management	234
134343	Gulf Coast State College	FL	3	40	1057	4	1061	99.6	0.4	11.1099	Computer/Information Technology Ser	4
134608	Indian River State College	FL	12	40	3848	429	4277	90.0	10.0	10.0304	Animation, Interactive Technology, Vid	38
134608	Indian River State College	FL	12	40	3848	429	4277	90.0	10.0	13.1001	Special Education and Teaching, Gener	19
134608	Indian River State College	FL	12	40	3848	429	4277	90.0	10.0	13.1311	Mathematics Teacher Education.	10
134608	Indian River State College	FL	12	40	3848	429	4277	90.0	10.0	13.1316	Science Teacher Education/General Sci	3
134608	Indian River State College	FL	12	40	3848	429	4277	90.0	10.0	13.1322	Biology Teacher Education.	1
134608	Indian River State College	FL	12	40	3848	429	4277	90.0	10.0	26.0101	Biology/Biological Sciences, General.	11

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						2-Year	4-Year	2-Year	4-Year		2-Year	4-Year			
134608	Indian River State College	FL	12	12	40	3848	429	4277	90.0	10.0	44.0401	Public Administration.	62		
134608	Indian River State College	FL	12	12	40	3848	429	4277	90.0	10.0	51.3801	Registered Nursing/Registered Nurse.	44		
134608	Indian River State College	FL	12	12	40	3848	429	4277	90.0	10.0	52.0299	Business Administration, Management	241		
135717	Miami Dade College	FL	12	12	40	13493	829	####	94.2	5.8	13.1001	Special Education and Teaching, Gener	116		
135717	Miami Dade College	FL	12	12	40	13493	829	####	94.2	5.8	13.1311	Mathematics Teacher Education.	4		
135717	Miami Dade College	FL	12	12	40	13493	829	####	94.2	5.8	13.1322	Biology Teacher Education.	2		
135717	Miami Dade College	FL	12	12	40	13493	829	####	94.2	5.8	43.9999	Homeland Security, Law Enforcement,	139		
135717	Miami Dade College	FL	12	12	40	13493	829	####	94.2	5.8	50.0602	Cinematography and Film/Video Produ	34		
135717	Miami Dade College	FL	12	12	40	13493	829	####	94.2	5.8	51.0000	Health Services/Allied Health/Health S	14		
135717	Miami Dade College	FL	12	12	40	13493	829	####	94.2	5.8	51.3801	Registered Nursing/Registered Nurse.	184		
135717	Miami Dade College	FL	12	12	40	13493	829	####	94.2	5.8	52.0299	Business Administration, Management	336		
135717	Miami Dade College	FL	12	12	40	1614	183	1797	89.8	10.2	13.1202	Elementary Education and Teaching.	33		
136233	Northwest Florida State College	FL	12	12	40	1614	183	1797	89.8	10.2	13.1311	Mathematics Teacher Education.	2		
136233	Northwest Florida State College	FL	12	12	40	1614	183	1797	89.8	10.2	51.3801	Registered Nursing/Registered Nurse.	28		
136233	Northwest Florida State College	FL	12	12	40	1614	183	1797	89.8	10.2	52.0202	Purchasing, Procurement/Acquisitions	120		
136358	Palm Beach State College	FL	5	5	40	6297	217	6514	96.7	3.3	11.1099	Computer/Information Technology Ser	10		
136358	Palm Beach State College	FL	5	5	40	6297	217	6514	96.7	3.3	51.3801	Registered Nursing/Registered Nurse.	3		
136358	Palm Beach State College	FL	5	5	40	6297	217	6514	96.7	3.3	52.0299	Business Administration, Management	204		
136473	Pensacola State College	FL	3	3	40	2398	67	2465	97.3	2.7	51.3801	Registered Nursing/Registered Nurse.	9		
136473	Pensacola State College	FL	3	3	40	2398	67	2465	97.3	2.7	52.0299	Business Administration, Management	58		
136516	Polk State College	FL	3	3	40	1740	116	1856	93.8	6.3	51.3801	Registered Nursing/Registered Nurse.	15		
136516	Polk State College	FL	3	3	40	1740	116	1856	93.8	6.3	52.0299	Business Administration, Management	101		
137281	Saint Johns River State College	FL	3	3	40	1285	37	1322	97.2	2.8	13.1210	Early Childhood Education and Teachin	15		
137281	Saint Johns River State College	FL	3	3	40	1285	37	1322	97.2	2.8	52.0299	Business Administration, Management	22		
137096	Santa Fe College	FL	3	3	40	3205	90	3295	97.3	2.7	13.1210	Early Childhood Education and Teachin	24		
137096	Santa Fe College	FL	3	3	40	3205	90	3295	97.3	2.7	51.0701	Health/Health Care Administration/Ma	59		

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UNITID	Institution	State	CC Basic		Carn 2000		Num		Total		% 4-Year		Awd's CIP Code	CIP Description	Bach
			3	4	40	3205	90	3295	97.3	2.7	51.1005	Clinical Laboratory Science/Medical Te			
137096	Santa Fe College	FL	3	40	3205	90	3295	97.3	2.7	51.1005	Clinical Laboratory Science/Medical Te	7			
137209	Seminole State College of Florida	FL	4	40	5990	46	6036	99.2	0.8	15.1001	Construction Engineering Technology/	3			
137209	Seminole State College of Florida	FL	4	40	5990	46	6036	99.2	0.8	50.0408	Interior Design.	22			
137209	Seminole State College of Florida	FL	4	40	5990	46	6036	99.2	0.8	52.1201	Management Information Systems, Ge	21			
137078	St Petersburg College	FL	23	40	4785	1141	5926	80.7	19.3	03.0299	Natural Resources Management and Pr	33			
137078	St Petersburg College	FL	23	40	4785	1141	5926	80.7	19.3	11.1099	Computer/Information Technology Ser	78			
137078	St Petersburg College	FL	23	40	4785	1141	5926	80.7	19.3	13.1001	Special Education and Teaching, Gener	48			
137078	St Petersburg College	FL	23	40	4785	1141	5926	80.7	19.3	13.1202	Elementary Education and Teaching.	77			
137078	St Petersburg College	FL	23	40	4785	1141	5926	80.7	19.3	13.1303	Business Teacher Education.	1			
137078	St Petersburg College	FL	23	40	4785	1141	5926	80.7	19.3	13.1309	Technology Teacher Education/Industr	2			
137078	St Petersburg College	FL	23	40	4785	1141	5926	80.7	19.3	13.1311	Mathematics Teacher Education.	10			
137078	St Petersburg College	FL	23	40	4785	1141	5926	80.7	19.3	13.1316	Science Teacher Education/General Sci	1			
137078	St Petersburg College	FL	23	40	4785	1141	5926	80.7	19.3	13.1322	Biology Teacher Education.	3			
137078	St Petersburg College	FL	23	40	4785	1141	5926	80.7	19.3	13.9999	Education, Other.	28			
137078	St Petersburg College	FL	23	40	4785	1141	5926	80.7	19.3	22.0302	Legal Assistant/Paralegal.	35			
137078	St Petersburg College	FL	23	40	4785	1141	5926	80.7	19.3	26.0101	Biology/Biological Sciences, General.	27			
137078	St Petersburg College	FL	23	40	4785	1141	5926	80.7	19.3	43.9999	Homeland Security, Law Enforcement,	87			
137078	St Petersburg College	FL	23	40	4785	1141	5926	80.7	19.3	44.0401	Public Administration.	10			
137078	St Petersburg College	FL	23	40	4785	1141	5926	80.7	19.3	51.0602	Dental Hygiene/Hygienist.	46			
137078	St Petersburg College	FL	23	40	4785	1141	5926	80.7	19.3	51.0808	Veterinary/Animal Health Technology/	24			
137078	St Petersburg College	FL	23	40	4785	1141	5926	80.7	19.3	51.2211	Health Services Administration.	131			
137078	St Petersburg College	FL	23	40	4785	1141	5926	80.7	19.3	51.2307	Orthotist/Prosthetist.	20			
137078	St Petersburg College	FL	23	40	4785	1141	5926	80.7	19.3	51.3801	Registered Nursing/Registered Nurse.	265			
137078	St Petersburg College	FL	23	40	4785	1141	5926	80.7	19.3	52.0201	Business Administration and Managem	62			
137078	St Petersburg College	FL	23	40	4785	1141	5926	80.7	19.3	52.0299	Business Administration, Management	116			
137078	St Petersburg College	FL	23	40	4785	1141	5926	80.7	19.3	52.0801	Finance, General.	5			



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			23	7	40	40	4785	1141	5926	80.7	19.3	52.1101				
137078	St Petersburg College	FL	23	7	40	40	4785	1141	5926	80.7	19.3	52.1101	32		International Business/Trade/Commer	
135391	State College of Florida-Manatee-Sarasota	FL	7	7	40	40	1688	58	1746	96.7	3.3	13.1210	3		Early Childhood Education and Teachin	
135391	State College of Florida-Manatee-Sarasota	FL	7	7	40	40	1688	58	1746	96.7	3.3	15.0503	2		Energy Management and Systems Tec	
135391	State College of Florida-Manatee-Sarasota	FL	7	7	40	40	1688	58	1746	96.7	3.3	51.0701	8		Health/Health Care Administration/Ma	
135391	State College of Florida-Manatee-Sarasota	FL	7	7	40	40	1688	58	1746	96.7	3.3	51.3801	45		Registered Nursing/Registered Nurse.	
138187	Valencia College	FL	7	7	40	40	11326	10	#####	99.9	0.1	51.0907	10		Medical Radiologic Technology/Science	
138558	Abraham Baldwin Agricultural College	GA	12	12	40	40	441	87	528	83.5	16.5	01.0607	17		Turf and Turfgrass Management.	
138558	Abraham Baldwin Agricultural College	GA	12	12	40	40	441	87	528	83.5	16.5	01.9999	47		Agriculture, Agriculture Operations, an	
138558	Abraham Baldwin Agricultural College	GA	12	12	40	40	441	87	528	83.5	16.5	03.0506	12		Forest Management/Forest Resources	
138558	Abraham Baldwin Agricultural College	GA	12	12	40	40	441	87	528	83.5	16.5	24.0101	10		Liberal Arts and Sciences/Liberal Stud	
138558	Abraham Baldwin Agricultural College	GA	12	12	40	40	441	87	528	83.5	16.5	26.0101	1		Biology/Biological Sciences, General.	
139968	Gordon State College	GA	12	12	40	40	499	124	623	80.1	19.9	13.1202	47		Elementary Education and Teaching.	
139968	Gordon State College	GA	12	12	40	40	499	124	623	80.1	19.9	23.0101	1		English Language and Literature, Gene	
139968	Gordon State College	GA	12	12	40	40	499	124	623	80.1	19.9	26.0101	21		Biology/Biological Sciences, General.	
139968	Gordon State College	GA	12	12	40	40	499	124	623	80.1	19.9	51.3801	52		Registered Nursing/Registered Nurse.	
139968	Gordon State College	GA	12	12	40	40	499	124	623	80.1	19.9	54.0101	3		History, General.	
141839	University of Hawaii Maui College	HI	12	12	40	40	592	9	601	98.5	1.5	15.9999	4		Engineering Technologies and Enginee	
141839	University of Hawaii Maui College	HI	12	12	40	40	592	9	601	98.5	1.5	52.0799	5		Entrepreneurial and Small Business Op	
152637	Vincennes University	IN	12	12	40	40	1843	132	1975	93.3	6.7	13.1001	47		Special Education and Teaching, Gener	
152637	Vincennes University	IN	12	12	40	40	1843	132	1975	93.3	6.7	13.1311	1		Mathematics Teacher Education.	
152637	Vincennes University	IN	12	12	40	40	1843	132	1975	93.3	6.7	13.1316	1		Science Teacher Education/General Sci	
152637	Vincennes University	IN	12	12	40	40	1843	132	1975	93.3	6.7	15.0612	31		Industrial Technology/Technician.	
152637	Vincennes University	IN	12	12	40	40	1843	132	1975	93.3	6.7	43.0112	22		Security Services Administration/Mar	
152637	Vincennes University	IN	12	12	40	40	1843	132	1975	93.3	6.7	51.0701	1		Health/Health Care Administration/Ma	
152637	Vincennes University	IN	12	12	40	40	1843	132	1975	93.3	6.7	51.3801	29		Registered Nursing/Registered Nurse.	
240790	Northern Marianas College	MP	23	23	40	40	133	29	162	82.1	17.9	13.1202	16		Elementary Education and Teaching.	

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UNITID	Institution	State	CC Basic		Carn 2000		Num		Total		% 4-Year		Awd	CIP Code	CIP Description	Bach
			23	40	23	40	29	162	82.1	17.9	13.1210	Early Childhood Education and Teachin				
240790	Northern Marianas College	MP	23	40	133	29	162	82.1	17.9	13.1210	Early Childhood Education and Teachin	4				
240790	Northern Marianas College	MP	23	40	133	29	162	82.1	17.9	13.9999	Education, Other.	9				
200022	Bismarck State College	ND	12	40	996	35	1031	96.6	3.4	52.0205	Operations Management and Supervisi	35				
200086	Fort Berthold Community College	ND	33	60	30	9	39	76.9	23.1	03.0103	Environmental Studies.	6				
200086	Fort Berthold Community College	ND	33	60	30	9	39	76.9	23.1	13.1202	Elementary Education and Teaching.	3				
200466	Sitting Bull College	ND	33	60	35	14	49	71.4	28.6	03.0103	Environmental Studies.	1				
200466	Sitting Bull College	ND	33	60	35	14	49	71.4	28.6	24.0102	General Studies.	3				
200466	Sitting Bull College	ND	33	60	35	14	49	71.4	28.6	52.0201	Business Administration and Managem	10				
187596	Navajo Technical College	NM	33	60	160	1	161	99.4	0.6	11.0103	Information Technology.	1				
182005	College of Southern Nevada	NV	12	40	2730	11	2741	99.6	0.4	51.0602	Dental Hygiene/Hygienist.	11				
182306	Great Basin College	NV	23	40	378	42	420	90.0	10.0	03.0201	Natural Resources Management and Pr	3				
182306	Great Basin College	NV	23	40	378	42	420	90.0	10.0	11.1099	Computer/Information Technology Ser	1				
182306	Great Basin College	NV	23	40	378	42	420	90.0	10.0	13.1202	Elementary Education and Teaching.	8				
182306	Great Basin College	NV	23	40	378	42	420	90.0	10.0	13.1305	English/Language Arts Teacher Educati	1				
182306	Great Basin College	NV	23	40	378	42	420	90.0	10.0	13.1311	Mathematics Teacher Education.	1				
182306	Great Basin College	NV	23	40	378	42	420	90.0	10.0	13.1317	Social Science Teacher Education.	1				
182306	Great Basin College	NV	23	40	378	42	420	90.0	10.0	15.0404	Instrumentation Technology/Technicia	2				
182306	Great Basin College	NV	23	40	378	42	420	90.0	10.0	15.1102	Surveying Technology/Surveying.	4				
182306	Great Basin College	NV	23	40	378	42	420	90.0	10.0	45.0101	Social Sciences, General.	1				
182306	Great Basin College	NV	23	40	378	42	420	90.0	10.0	51.3801	Registered Nursing/Registered Nurse.	6				
182306	Great Basin College	NV	23	40	378	42	420	90.0	10.0	52.0201	Business Administration and Managem	14				
182564	Western Nevada College	NV	12	40	518	4	522	99.2	0.8	46.0412	Building/Construction Site Management	4				
196051	Morrisville State College	NY	23	40	450	176	626	71.9	28.1	01.0101	Agricultural Business and Management	10				
196051	Morrisville State College	NY	23	40	450	176	626	71.9	28.1	01.0603	Ornamental Horticulture.	2				
196051	Morrisville State College	NY	23	40	450	176	626	71.9	28.1	01.0901	Animal Sciences, General.	33				
196051	Morrisville State College	NY	23	40	450	176	626	71.9	28.1	01.0905	Dairy Science.	1				

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						2000	4-Year		2-Year	%				
196051	Morrisville State College	NY	23	40	450	176	626	71.9	28.1	09.9999	Communication, Journalism, and Relat	6		
196051	Morrisville State College	NY	23	40	450	176	626	71.9	28.1	11.0899	Computer Software and Media Applica	4		
196051	Morrisville State College	NY	23	40	450	176	626	71.9	28.1	11.1002	System, Networking, and LAN/WAN M:	11		
196051	Morrisville State College	NY	23	40	450	176	626	71.9	28.1	11.1004	Web/Multimedia Management and W:	1		
196051	Morrisville State College	NY	23	40	450	176	626	71.9	28.1	11.9999	Computer and Information Sciences an	5		
196051	Morrisville State College	NY	23	40	450	176	626	71.9	28.1	15.9999	Engineering Technologies and Engineer	7		
196051	Morrisville State College	NY	23	40	450	176	626	71.9	28.1	43.0107	Criminal Justice/Police Science.	23		
196051	Morrisville State College	NY	23	40	450	176	626	71.9	28.1	47.0604	Automobile/Automotive Mechanics Te	12		
196051	Morrisville State College	NY	23	40	450	176	626	71.9	28.1	51.3801	Registered Nursing/Registered Nurse.	1		
196051	Morrisville State College	NY	23	40	450	176	626	71.9	28.1	51.9999	Health Professions and Related Clinical	3		
196051	Morrisville State College	NY	23	40	450	176	626	71.9	28.1	52.0201	Business Administration and Managem	32		
196051	Morrisville State College	NY	23	40	450	176	626	71.9	28.1	52.0299	Business Administration, Management	2		
196051	Morrisville State College	NY	23	40	450	176	626	71.9	28.1	52.9999	Business, Management, Marketing, an	23		
196006	SUNY College of Technology at Alfred	NY	23	40	842	284	1126	74.8	25.2	10.0304	Animation, Interactive Technology, Vid	19		
196006	SUNY College of Technology at Alfred	NY	23	40	842	284	1126	74.8	25.2	11.0899	Computer Software and Media Applica	12		
196006	SUNY College of Technology at Alfred	NY	23	40	842	284	1126	74.8	25.2	11.1002	System, Networking, and LAN/WAN M:	19		
196006	SUNY College of Technology at Alfred	NY	23	40	842	284	1126	74.8	25.2	11.1004	Web/Multimedia Management and W:	6		
196006	SUNY College of Technology at Alfred	NY	23	40	842	284	1126	74.8	25.2	15.0101	Architectural Engineering Technology/	36		
196006	SUNY College of Technology at Alfred	NY	23	40	842	284	1126	74.8	25.2	15.0303	Electrical, Electronic and Communicati	11		
196006	SUNY College of Technology at Alfred	NY	23	40	842	284	1126	74.8	25.2	15.0403	Electromechanical Technology/Electro	5		
196006	SUNY College of Technology at Alfred	NY	23	40	842	284	1126	74.8	25.2	15.0805	Mechanical Engineering/Mechanical Te	28		
196006	SUNY College of Technology at Alfred	NY	23	40	842	284	1126	74.8	25.2	15.1102	Surveying Technology/Surveying.	12		
196006	SUNY College of Technology at Alfred	NY	23	40	842	284	1126	74.8	25.2	15.1201	Computer Engineering Technology/Tec	3		
196006	SUNY College of Technology at Alfred	NY	23	40	842	284	1126	74.8	25.2	43.0106	Forensic Science and Technology.	10		
196006	SUNY College of Technology at Alfred	NY	23	40	842	284	1126	74.8	25.2	51.3801	Registered Nursing/Registered Nurse.	3		
196006	SUNY College of Technology at Alfred	NY	23	40	842	284	1126	74.8	25.2	52.0201	Business Administration and Managem	22		

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			23	40	23	40	2-Year	4-Year	2-Year	4-Year						
196006	SUNY College of Technology at Alfred	NY	23	40	842	284	1126	74.8	25.2	52.0804	Financial Planning and Services.	15				
196006	SUNY College of Technology at Alfred	NY	23	40	842	284	1126	74.8	25.2	52.1001	Human Resources Management/Personnel Management	23				
196006	SUNY College of Technology at Alfred	NY	23	40	842	284	1126	74.8	25.2	52.2001	Construction Management	34				
196006	SUNY College of Technology at Alfred	NY	23	40	842	284	1126	74.8	25.2	52.9999	Business, Management, Marketing, and Administration	26				
203447	Kent State University at Ashtabula	OH	12	40	306	7	313	97.8	2.2	24.0199	Liberal Arts and Sciences, General Studies	7				
203456	Kent State University at East Liverpool	OH	11	40	123	1	124	99.2	0.8	24.0199	Liberal Arts and Sciences, General Studies	1				
203526	Kent State University at Geauga	OH	12	40	95	2	97	97.9	2.1	24.0199	Liberal Arts and Sciences, General Studies	2				
203492	Kent State University at Salem	OH	23	40	126	42	168	75.0	25.0	01.0601	Applied Horticulture/Horticulture Operations	1				
203492	Kent State University at Salem	OH	23	40	126	42	168	75.0	25.0	24.0199	Liberal Arts and Sciences, General Studies	3				
203492	Kent State University at Salem	OH	23	40	126	42	168	75.0	25.0	51.0907	Medical Radiologic Technology/Science	38				
203465	Kent State University at Stark	OH	12	40	121	11	132	91.7	8.3	24.0199	Liberal Arts and Sciences, General Studies	3				
203465	Kent State University at Stark	OH	12	40	121	11	132	91.7	8.3	50.0999	Music, Other	8				
203474	Kent State University at Trumbull	OH	12	40	100	2	102	98.0	2.0	24.0199	Liberal Arts and Sciences, General Studies	2				
203483	Kent State University at Tuscarawas	OH	11	40	272	1	273	99.6	0.4	24.0199	Liberal Arts and Sciences, General Studies	1				
201955	University of Cincinnati-Blue Ash College	OH	11	40	593	34	627	94.6	5.4	30.9999	Multi-/Interdisciplinary Studies, Other	20				
201955	University of Cincinnati-Blue Ash College	OH	11	40	593	34	627	94.6	5.4	51.0907	Medical Radiologic Technology/Science	14				
201946	University of Cincinnati-Clermont College	OH	11	40	516	31	547	94.3	5.7	30.9999	Multi-/Interdisciplinary Studies, Other	31				
207564	Oklahoma State University Institute of Technology	OK	12	40	727	61	788	92.3	7.7	11.1003	Computer and Information Systems Security	36				
207564	Oklahoma State University Institute of Technology	OK	12	40	727	61	788	92.3	7.7	15.0201	Civil Engineering Technology/Technician	6				
207564	Oklahoma State University Institute of Technology	OK	12	40	727	61	788	92.3	7.7	15.0404	Instrumentation Technology/Technician	19				
207397	Oklahoma State University-Oklahoma City	OK	12	40	934	22	956	97.7	2.3	43.9999	Homeland Security, Law Enforcement, Fire Protection, and Emergency Services	22				
214740	Pennsylvania State University-Penn State Dubois	PA	23	-3	94	34	128	73.4	26.6	19.0701	Human Development and Family Studies	13				
214740	Pennsylvania State University-Penn State Dubois	PA	23	-3	94	34	128	73.4	26.6	24.0101	Liberal Arts and Sciences/Liberal Studies	6				
214740	Pennsylvania State University-Penn State Dubois	PA	23	-3	94	34	128	73.4	26.6	40.0601	Geology/Earth Science, General	3				
214740	Pennsylvania State University-Penn State Dubois	PA	23	-3	94	34	128	73.4	26.6	52.0201	Business Administration and Management	12				
219277	Oglala Lakota College	SD	33	60	97	34	131	74.0	26.0	03.0104	Environmental Science	1				

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			23	24	25	26	27	28	29	30	31	32			
219277	Oglala Lakota College	SD	33	60	97	34	131	74.0	26.0	05.0202	American Indian/Native American Stud	4			
219277	Oglala Lakota College	SD	33	60	97	34	131	74.0	26.0	13.1202	Elementary Education and Teaching.	2			
219277	Oglala Lakota College	SD	33	60	97	34	131	74.0	26.0	13.1210	Early Childhood Education and Teachin	7			
219277	Oglala Lakota College	SD	33	60	97	34	131	74.0	26.0	24.0199	Liberal Arts and Sciences, General Stud	1			
219277	Oglala Lakota College	SD	33	60	97	34	131	74.0	26.0	30.1801	Natural Sciences.	1			
219277	Oglala Lakota College	SD	33	60	97	34	131	74.0	26.0	44.0701	Social Work.	4			
219277	Oglala Lakota College	SD	33	60	97	34	131	74.0	26.0	45.0101	Social Sciences, General.	4			
219277	Oglala Lakota College	SD	33	60	97	34	131	74.0	26.0	52.0201	Business Administration and Managem	10			
223506	Brazosport College	TX	12	40	662	19	681	97.2	2.8	52.0201	Business Administration and Managem	19			
226806	Midland College	TX	12	40	685	21	706	97.0	3.0	52.0201	Business Administration and Managem	21			
409315	South Texas College	TX	12	40	3841	122	3963	96.9	3.1	11.0101	Computer and Information Sciences, G	34			
409315	South Texas College	TX	12	40	3841	122	3963	96.9	3.1	51.0711	Medical/Health Management and Clini	22			
409315	South Texas College	TX	12	40	3841	122	3963	96.9	3.1	52.0201	Business Administration and Managem	66			
230171	Dixie State University	UT	23	40	1516	512	2028	74.8	25.2	09.0101	Speech Communication and Rhetoric.	88			
230171	Dixie State University	UT	23	40	1516	512	2028	74.8	25.2	11.0101	Computer and Information Sciences, G	25			
230171	Dixie State University	UT	23	40	1516	512	2028	74.8	25.2	11.0701	Computer Science.	3			
230171	Dixie State University	UT	23	40	1516	512	2028	74.8	25.2	13.1202	Elementary Education and Teaching.	52			
230171	Dixie State University	UT	23	40	1516	512	2028	74.8	25.2	13.1305	English/Language Arts Teacher Educati	8			
230171	Dixie State University	UT	23	40	1516	512	2028	74.8	25.2	13.1312	Music Teacher Education.	5			
230171	Dixie State University	UT	23	40	1516	512	2028	74.8	25.2	13.1322	Biology Teacher Education.	5			
230171	Dixie State University	UT	23	40	1516	512	2028	74.8	25.2	23.0101	English Language and Literature, Gener	27			
230171	Dixie State University	UT	23	40	1516	512	2028	74.8	25.2	26.0101	Biology/Biological Sciences, General.	24			
230171	Dixie State University	UT	23	40	1516	512	2028	74.8	25.2	27.0101	Mathematics, General.	1			
230171	Dixie State University	UT	23	40	1516	512	2028	74.8	25.2	30.9999	Multi-/Interdisciplinary Studies, Other.	65			
230171	Dixie State University	UT	23	40	1516	512	2028	74.8	25.2	42.0101	Psychology, General.	40			
230171	Dixie State University	UT	23	40	1516	512	2028	74.8	25.2	43.0104	Criminal Justice/Safety Studies.	12			

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						2000	2000		2000	2000	2000	2000			
230171	Dixie State University	UT	23	40	40	1516	512	2028	74.8	74.8	25.2	50.0502	Technical Theatre/Theatre Design and	5	
230171	Dixie State University	UT	23	40	1516	512	2028	2028	74.8	74.8	25.2	50.0701	Art/Art Studies, General.	6	
230171	Dixie State University	UT	23	40	1516	512	2028	2028	74.8	74.8	25.2	50.0901	Music, General.	7	
230171	Dixie State University	UT	23	40	1516	512	2028	2028	74.8	74.8	25.2	51.0602	Dental Hygiene/Hygienist.	22	
230171	Dixie State University	UT	23	40	1516	512	2028	2028	74.8	74.8	25.2	51.3801	Registered Nursing/Registered Nurse.	28	
230171	Dixie State University	UT	23	40	1516	512	2028	2028	74.8	74.8	25.2	52.0201	Business Administration and Managem	60	
230171	Dixie State University	UT	23	40	1516	512	2028	2028	74.8	74.8	25.2	52.0301	Accounting.	29	
231165	Vermont Technical College	VT	23	54	482	125	607	607	79.4	79.4	20.6	01.0102	Agribusiness/Agricultural Business Ope	3	
231165	Vermont Technical College	VT	23	54	482	125	607	607	79.4	79.4	20.6	01.0507	Equestrian/Equine Studies.	4	
231165	Vermont Technical College	VT	23	54	482	125	607	607	79.4	79.4	20.6	11.0103	Information Technology.	11	
231165	Vermont Technical College	VT	23	54	482	125	607	607	79.4	79.4	20.6	11.0801	Web Page, Digital/Multimedia and Infc	10	
231165	Vermont Technical College	VT	23	54	482	125	607	607	79.4	79.4	20.6	14.0401	Architectural Engineering.	15	
231165	Vermont Technical College	VT	23	54	482	125	607	607	79.4	79.4	20.6	15.0101	Architectural Engineering Technology/	1	
231165	Vermont Technical College	VT	23	54	482	125	607	607	79.4	79.4	20.6	15.0399	Electrical and Electronic Engineering Te	4	
231165	Vermont Technical College	VT	23	54	482	125	607	607	79.4	79.4	20.6	15.0403	Electromechanical Technology/Electro	20	
231165	Vermont Technical College	VT	23	54	482	125	607	607	79.4	79.4	20.6	15.0503	Energy Management and Systems Tec	11	
231165	Vermont Technical College	VT	23	54	482	125	607	607	79.4	79.4	20.6	15.1201	Computer Engineering Technology/Tec	5	
231165	Vermont Technical College	VT	23	54	482	125	607	607	79.4	79.4	20.6	46.0499	Building/Construction Finishing, Manaf	7	
231165	Vermont Technical College	VT	23	54	482	125	607	607	79.4	79.4	20.6	51.0602	Dental Hygiene/Hygienist.	5	
231165	Vermont Technical College	VT	23	54	482	125	607	607	79.4	79.4	20.6	52.0299	Business Administration, Management	29	
234669	Bellevue College	WA	12	40	2830	52	2882	2882	98.2	98.2	1.8	50.0408	Interior Design.	37	
234669	Bellevue College	WA	12	40	2830	52	2882	2882	98.2	98.2	1.8	51.0999	Allied Health Diagnostic, Intervention,	15	
234979	Columbia Basin College	WA	3	40	1242	32	1274	1274	97.5	97.5	2.5	52.0201	Business Administration and Managem	32	
235699	Lake Washington Institute of Technology	WA	5	40	1018	16	1034	1034	98.5	98.5	1.5	50.0401	Design and Visual Communications, Ge	16	
380377	Northwest Indian College	WA	33	60	83	10	93	93	89.2	89.2	10.8	03.0104	Environmental Science.	10	
236188	Olympic College	WA	12	40	2501	31	2532	2532	98.8	98.8	1.2	51.3801	Registered Nursing/Registered Nurse.	31	

**Public Institutions Awarding at Least 70% Associates with the remaining Baccs, 2012-13**

Data Source: NCHEMS NCES IPEDS Completions Survey, 2012-13

Prepared by: Linda Leyba on 3/20/2015 (303) 497-0314

Notes: Currently all Public 4-Year (sector = 1) in 2012-13

Notes: Associates includes all awards less than Bacc degree.

UNITID	Institution	State	CC		Num		% 4-Year		Total	Awd		CIP Code	CIP Description	Bach
			Basic	2000	2-Year	4-Year	Awds	Awds		2-Year	4-Year			
236258	Peninsula College	WA	12	40	1869	22	1891	98.8	1.2	52.0201	Business Administration and Managem	22		
236513	Seattle Community College-Central Campus	WA	7	40	1134	21	1155	98.2	1.8	51.1599	Mental and Social Health Services and	21		
236504	Seattle Community College-South Campus	WA	12	40	1629	18	1647	98.9	1.1	13.1319	Technical Teacher Education.	1		
236504	Seattle Community College-South Campus	WA	12	40	1629	18	1647	98.9	1.1	52.0901	Hospitality Administration/Management	17		
237701	Potomac State College of West Virginia Unive	WV	11	40	187	20	207	90.3	9.7	24.0199	Liberal Arts and Sciences, General Stud	20		