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Technical Report

Most School District Career Academies Incorporated Nationally Recognized Core Elements in 2004-05

Report No. 06-56 July 2006

*Office of Program Policy Analysis & Government Accountability
an office of the Florida Legislature*



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Technical Report: Most School District Career Academies Incorporated Nationally Recognized Core Elements in 2004-05

at a glance

As a companion to Report No. 06-55, *More Than Half of the State's School Districts Have Career Academies; Most Operating in 2004-05 Incorporated Nationally Recognized Core Elements*, this technical report provides detailed information about 379 Florida career academies that were in operation during the 2004-05 school year. This report provides the academies' detailed responses to an OPPAGA survey that requested descriptive information; information on the extent to which the academies have implemented three nationally recognized career academy core elements: a small learning community, a college preparatory curriculum with a career theme, and partnerships with local employers and higher education; and information on what certifications are available to career academies and the extent to which they are used.

Methodology ---

The information in this report was obtained through surveys of Florida's career academies. OPPAGA contacted the state's 67 school districts to identify all programs identified as career academies during the 2004-05 school year. The districts identified 544 programs that call themselves career academies. OPPAGA surveyed these programs and received responses from 462 career academy programs operating in 212 high schools and vocational centers. Of the 462 programs that responded, 83 were not in operation during the 2004-05 school year and so were excluded from our analysis. Therefore, our reports present information on the remaining 379 programs in 33 districts.

Descriptive Information

Among the 379 programs identified as career academies that were in operation across the state during the 2004-05 school year, the most common career themes were information technology and health science. (See Appendix A, page 22 for an overview of the 379 career academies by district, career theme, and their use of certification mechanisms.)

The majority of career academy programs were located within comprehensive high schools; only a few operated within an all-academy high school. Most programs were funded using state K-12 monies and federal grants, and career academies reported limited financial support from business/industry and private grants.¹ Overall, career academy programs received a high level of support from the schools that housed them, including the use of facilities, professional development for teachers, equipment, and funding. Most programs had articulation agreements with postsecondary institutions as well as a standing advisory committee.

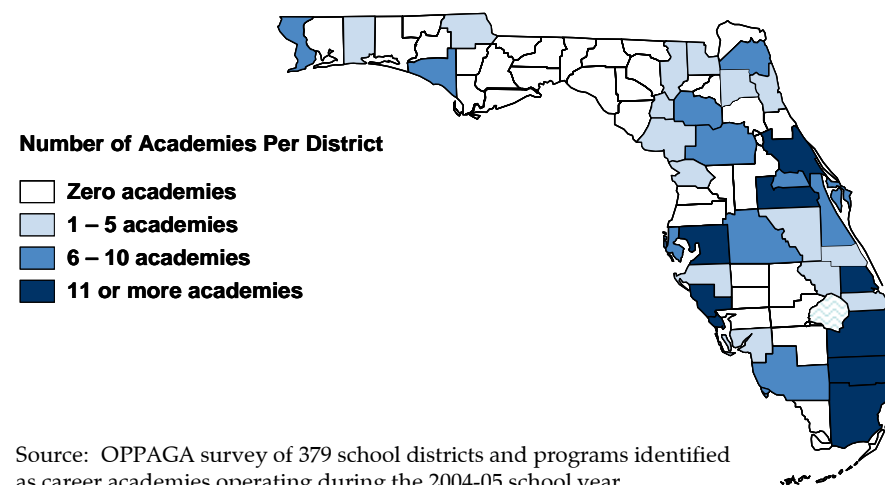
The state’s career academies had a generally even distribution of 9th, 10th, 11th, and 12th grade enrollment and most programs had some sort of eligibility requirement; the most common was grade point average. Other entrance criteria included limited discipline and/or suspension referrals, a specific attendance record with limited absences, and/or a minimum FCAT score.

The following questions and answers provide a descriptive overview of the state’s career academies.²

Where were Florida’s 2004-05 career academies located?

As shown in Exhibit 1, Florida’s career academies were spread across the state with the heaviest program concentration in central and south Florida.

Exhibit 1
Districts Reporting Career Academies, 2004-05 School Year



¹ When a district is in a year of career academy planning, no FTE dollars are generated. In the first year of enrollment, the number of students is small and unlikely to generate enough FTE funds to sustain the program.

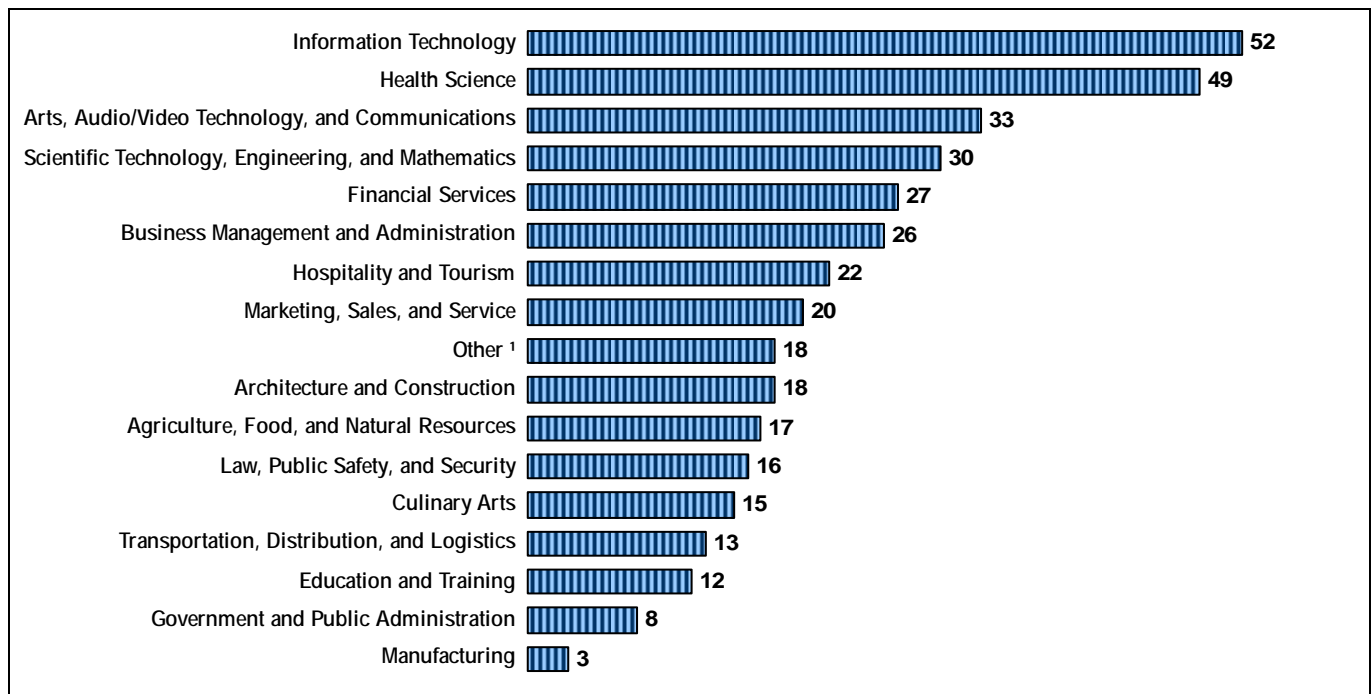
² Of the 379 career academies operating in 2004-05, 351 provided demographic data.

What were the industry themes of programs identifying themselves as career academies?

Career academies focused on a wide variety of career themes; the most common were information technology and health science, as shown in Exhibit 2. The ‘other’ category includes programs such as cosmetology and veterinary assistant that were few in number and did not fit into one of the other general categories.

Exhibit 2

Information Technology and Health Sciences Were the Most Common Career Academy Themes



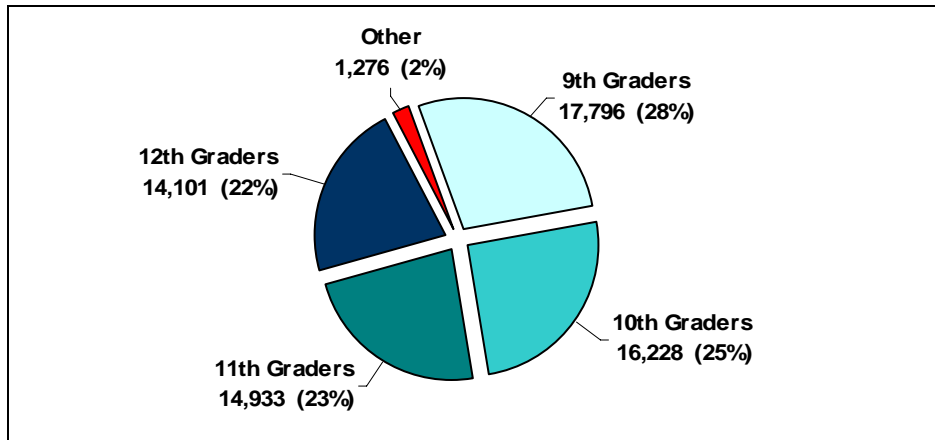
¹ The ‘other’ category includes 18 (5%) programs such as veterinary assistant and cosmetology that did not fit into other categories.

Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

What was the grade distribution of career academy participants?

As illustrated in Exhibit 3, student participation generally ranged from 9th through 12th grade (some academies did not serve 9th grade), with somewhat smaller numbers of students participating in higher grade levels. Those academies that reported grade levels outside of the 9th, 10th, 11th, and 12th grades were grouped into an ‘other’ category. Detailed participation data was not provided for these programs.

Exhibit 3
Career Academy Students Spanned the 9th Through 12th Grades

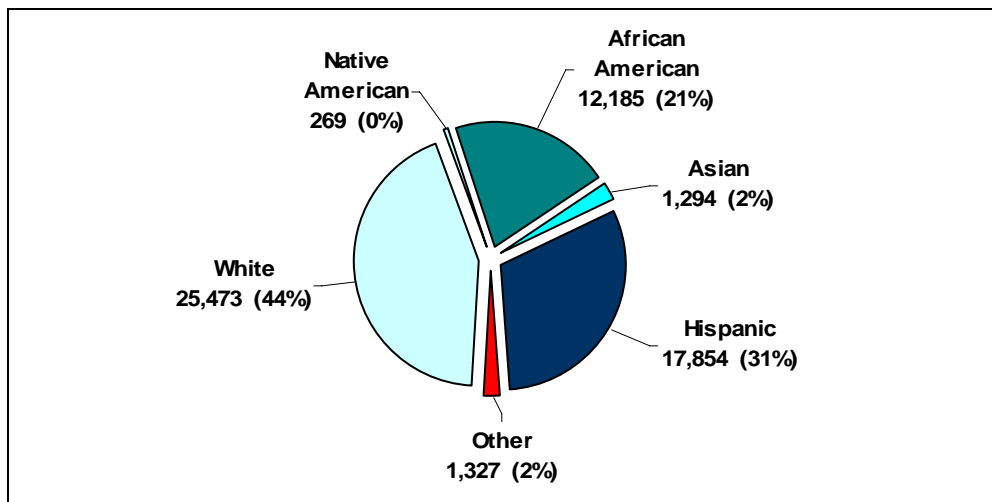


Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

What was the racial/ethnic distribution of career academy participants?

Based on the demographic information provided by 330 (87%) of the 379 programs, white and Hispanic students were most likely to be enrolled in a career academy program, followed by African American students. Exhibit 4 illustrates the racial/ethnic distribution of career academy students.

Exhibit 4
White and Hispanic Students Were Most Likely to Be Enrolled in Career Academies

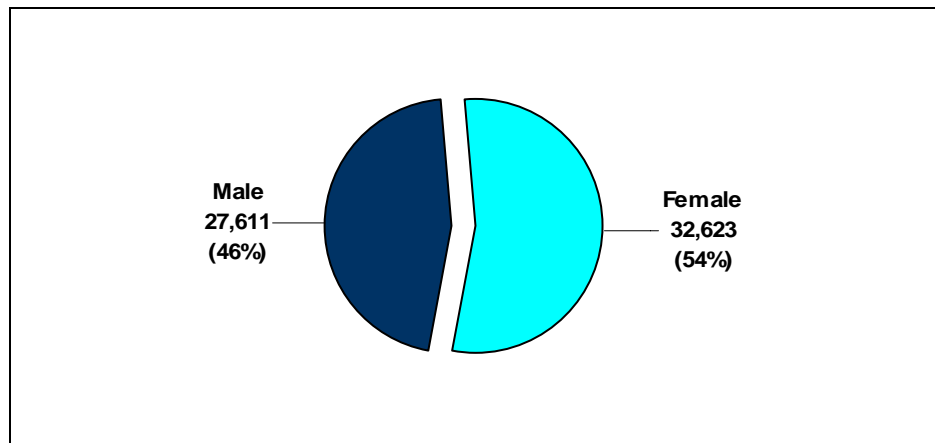


Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

What was the gender distribution of program participants?

Based on the demographic information provided by 333 of the 379 programs, girls were slightly more likely to participate in career academy programs than boys, as shown in Exhibit 5.

Exhibit 5
Slightly More Girls Than Boys Participated in Career Academies

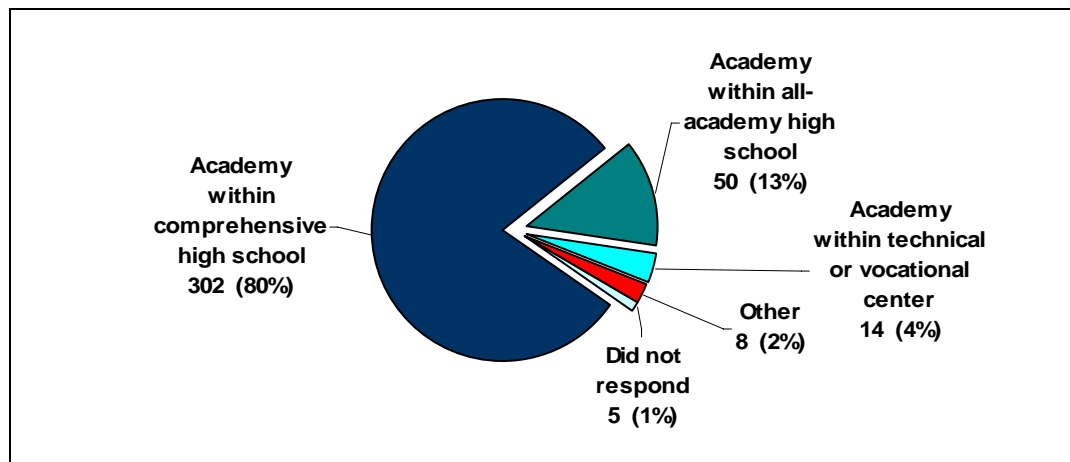


Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

Where were career academies located within school organizational structures?

Most (80%) career academy programs operated within comprehensive high schools. Only a small percentage (13%) operated at an all-academy high school, as shown in Exhibit 6.

Exhibit 6
Most of the State's Career Academies Are Located Within Comprehensive High Schools

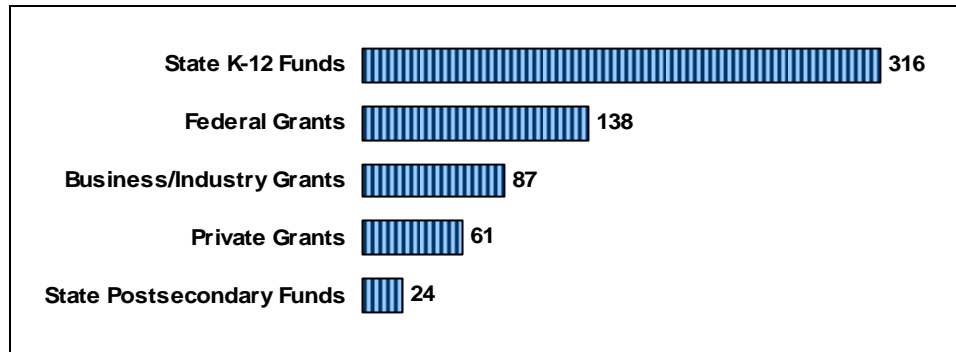


Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

How were career academies funded?

As illustrated in Exhibit 7, primary financial support for career academies came from state K-12 funds. The second most cited funding source was federal grants.

Exhibit 7
State Education Funds Were the Primary Source of Career Academy Funding

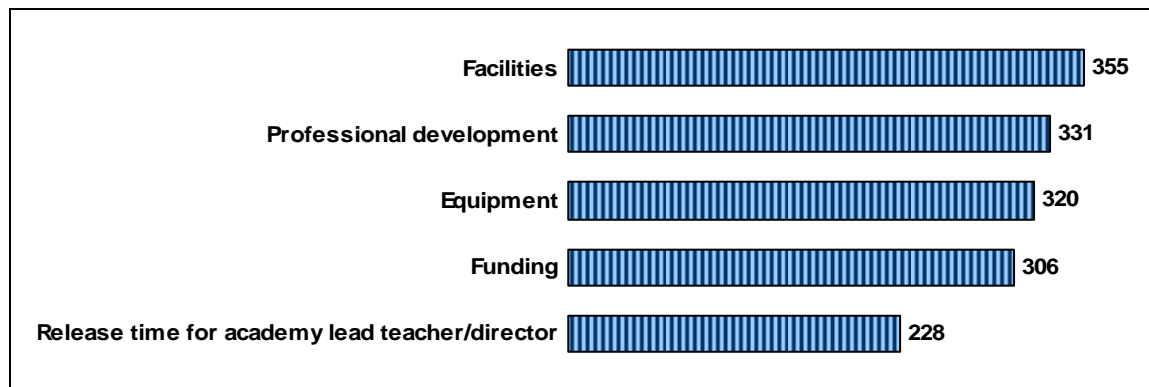


Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

What types of support did schools provide career academy programs?

Career academies received widespread support from the schools housing them, including the use of facilities, professional development for teachers, the provision of equipment, and funding. Release time for academy lead teacher/directors was less available, as shown in Exhibit 8.

Exhibit 8
Career Academies Received a Variety of Support from the Schools Housing Them

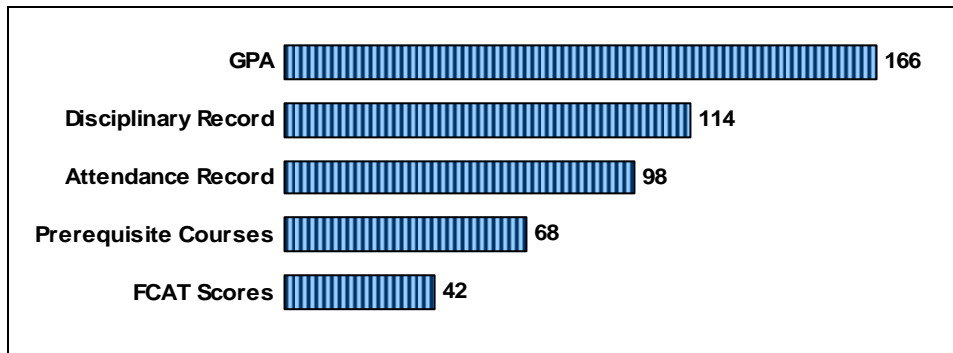


Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

What were career academy eligibility/entrance requirements?

Most career academies (269, or 71%) reported having eligibility requirements for admission into their programs. These requirements included minimum grade point averages (GPA); a specific disciplinary record with limited disciplinary referrals and/or suspensions; and a specific attendance record with minimal absences; and/or a minimum FCAT score. The most common eligibility requirement was a minimum GPA, which was required by 166 of 379 programs (44%). Of these 166 programs, 46% required at least a 2.0 GPA, 23% required a 2.5 GPA, and 10% required a 3.0 GPA. Exhibit 9 describes common entrance criteria.

Exhibit 9
Minimum GPA Is the Most Common Program Admission Criteria



Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

Did career academies have articulation agreements with postsecondary institutions?

Seventy-seven percent of career academies (293) reported having articulation agreements with postsecondary institutions. Forty-nine percent of the programs without articulation agreements (42 of 86) reported plans to implement such an agreement in the future. There did not appear to be a strong relationship between academy theme and articulation with postsecondary institutions. Forty-four programs reported no postsecondary articulation agreement and no plans to implement one in the future.

Did career academies have standing advisory committees?

Sixty-nine percent of programs (263) had a standing advisory committee. Fifty-one percent (59 of 116) of the programs without a standing advisory committee reported plans to create one in the future.

Small Learning Communities

Small learning communities, a nationally recognized core element of career academies, are intended to provide a more individualized and supportive learning environment. National literature encourages and endorses the small learning community along with cohort scheduling, in which career academy students attend most of their academic and career/vocational classes together, sharing the educational experience and moving through the program as a group.

Relatively few of Florida's career academies used true cohort scheduling with students attending most career academy classes together. More commonly, career academy students attended career/vocational courses together but did not attend academic classes together. Also, half of the state's career academies restricted courses to only career academy students; this served as another way to create a sense of community within the academy. Approximately a quarter of the state's career academies did not have any cohort scheduling at all.

To facilitate the progression of students moving through career academies as a cohort and to ensure a link between academic and career/vocational course work, national literature recommends that career academies identify a core group of teachers and provide them a common planning period. Florida's career academies were much more likely to have a core group of teachers for career/vocational courses than for academic courses. These teachers were unlikely to have a common planning period in which to coordinate career academy subject matter.

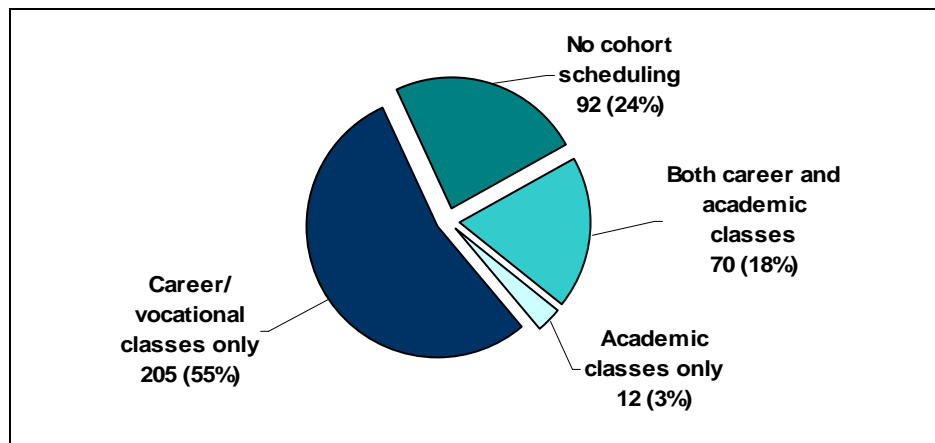
National literature also recommends assigning a guidance counselor to career academy students to facilitate their progression and enhance success. Florida's career academies were not likely to have an assigned guidance counselor. Almost two-thirds of the state's career academies had no assigned guidance counselor, though one-quarter of these programs reported plans to assign a counselor at some point in the future. A little more than one-third of the state's programs had specifically assigned a guidance counselor to career academy students.

The following questions and answers address small learning communities at Florida's career academies.

Did career academy students attend all classes together as a cohort?

Only 70 of 379 programs (18%) had true cohort scheduling whereby both career and academic classes were attended by the same students. Over one-half of career academy programs (55%) scheduled students to attend career/vocational courses together. A very small percentage of programs (3%) scheduled students to attend academic courses together. Approximately one-quarter (24%) reported no cohort scheduling, as shown in Exhibit 10.

Exhibit 10
Approximately One-Half of Career Academy Students Attended Career/Vocational Courses Together

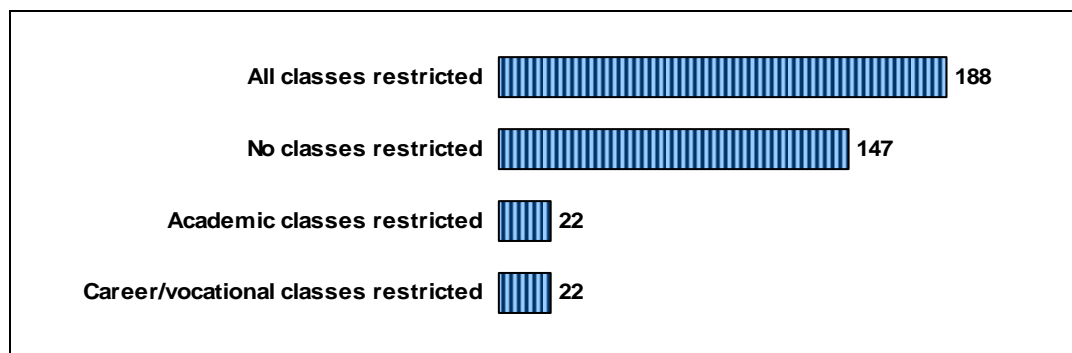


Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

Were courses restricted to career academy-enrolled students?

As Exhibit 11 shows, one-half of the state’s career academies (188, or 50%) restricted all academy classes to career-academy students. Slightly more than one-third (147, or 39%) of programs allowed non-academy students to participate in any career academy course. Few programs (22, or 6%) specified that non-academy students could participate in either academic or career/vocational courses.

Exhibit 11
One-Half of Career Academies Restricted Courses to Career Academy-Enrolled Students

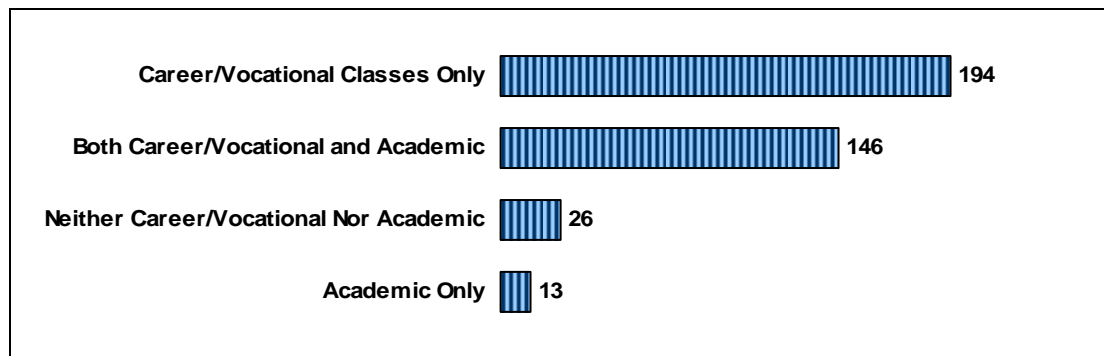


Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

Did career academy programs have a core group of teachers dedicated to teaching career academy courses?

A majority of career/vocational courses (194, or 51%) had a core group of teachers, while only 13, or 3% of academic courses had an assigned core group of teachers. Slightly more than one-third of programs (146, or 39%) had an assigned core group of teachers in both career/vocational and academic courses, as shown in Exhibit 12.

Exhibit 12
Career/Vocational Courses Were Most Likely to Have an Assigned Core Group of Teachers

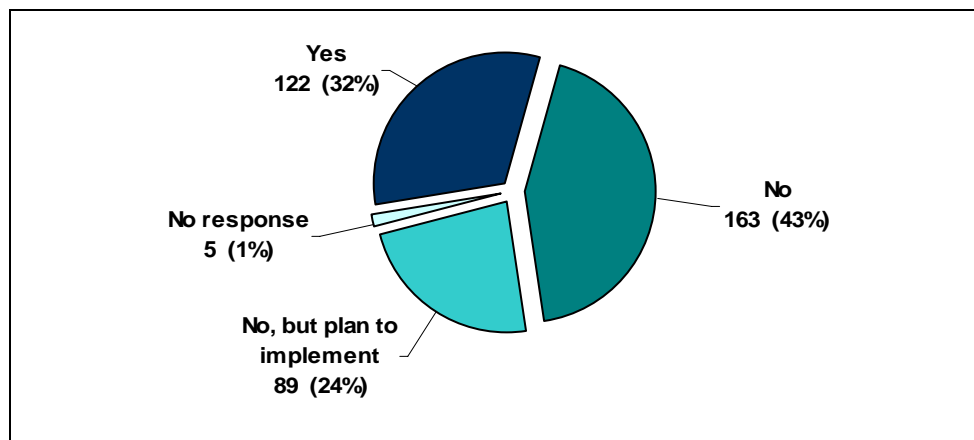


Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

Did career academy teachers have a common planning period?

The majority of programs (257, or 68%) did not provide career academy teachers with a common planning period. Of these, however, one-third (89, or 35%) reported that they planned to implement a common teacher planning period. Slightly less than one-third of programs (122, or 32%) provided career academy teachers a common planning period, as shown in Exhibit 13.

Exhibit 13
Only One-Third of Career Academy Teachers Have a Common Planning Period

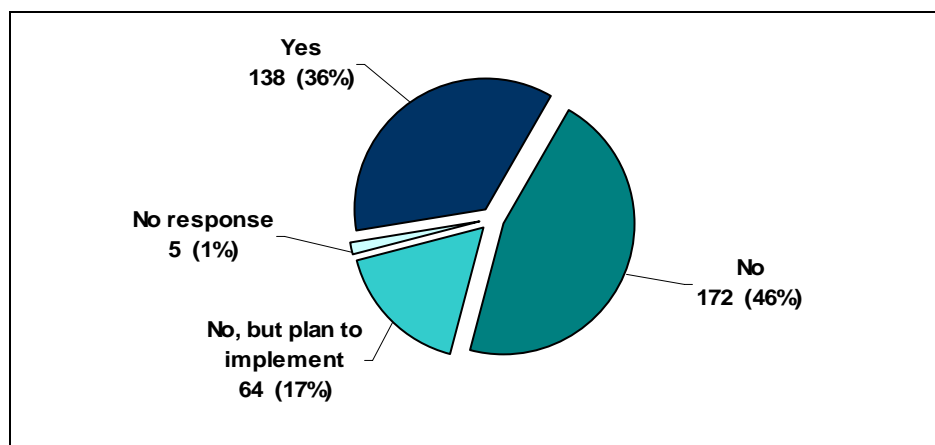


Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

Did career academy programs have an assigned guidance counselor?

The majority of programs (241, or 64%) did not have a guidance counselor specifically assigned to career academy students. Of the 241 programs without an assigned guidance counselor, approximately one-quarter (64, or 27%) reported plans to assign a guidance counselor to career academy students at some point in the future. Slightly more than one-third of programs (138, or 36%) had an assigned guidance counselor for career academy students, as shown in Exhibit 14.

Exhibit 14
Approximately One-Third of Career Academies Had an Assigned Student Guidance Counselor



Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

College Preparatory Curriculum with a Career Theme —

To achieve the dual goal of preparing students to enter a postsecondary institution or go directly into the workforce following career academy graduation, it is important that a career academies' curriculum be coordinated and integrated to educate students both academically and vocationally. Florida's career academies integrated the academic and career/vocational themes but not equally. The programs were far more likely to integrate career/vocational subject matter into academic courses than vice versa.

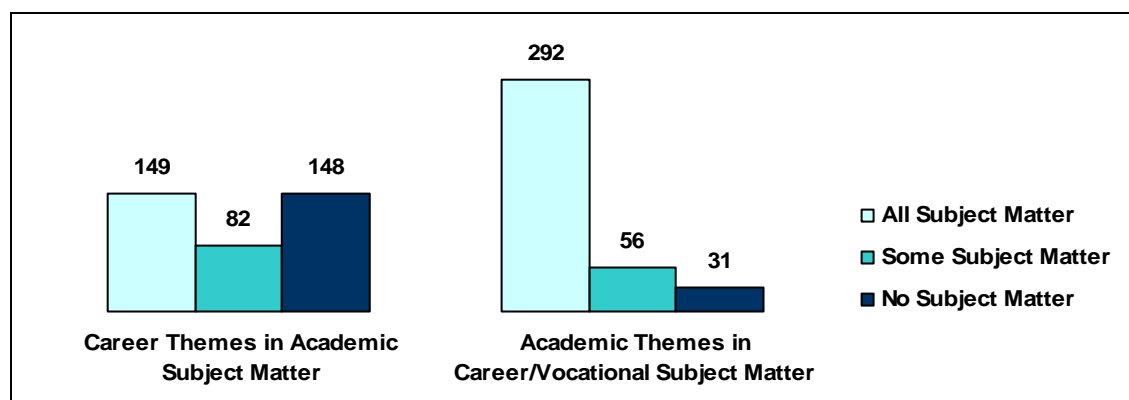
Most career academies provided students with the opportunity to participate in advanced placement and/or dual enrollment courses. Likewise, over three-quarters of programs had course requirements that met state university system admission requirements. Fewer, but still a majority, of programs had designed their curriculum to meet Bright Futures Scholarship Program requirements. The career academies also generally used industry materials to assist in curricula design, which increased the probability that students would graduate with a skill set and the knowledge required to enter directly into a career/vocational field.

The following questions and answers address Florida's career academy curricula.

Did career academies integrate academic and career/vocational subject matter?

Most career academies reported integrating both academic and career themes in their classrooms, as shown in Exhibit 15. The majority of programs (231, or 61%) reported that all or some of their academic teachers were required to incorporate career themes in academic courses, while most programs (348, or 92%) reported that all or some career/vocational teachers were required to incorporate academic themes into their courses. Integration of academic and career subject matter did not appear to vary based on career theme.

Exhibit 15
Vocational Instructors Were More Likely to Incorporate Academic Themes Than Vice Versa



Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

Did career academy course requirements meet the requirements for Bright Futures Scholarships or admission to state universities?

Over three-quarters of career academies (315, or 83%) reported that their course requirements met the requirements for admission to the State University System. A slightly smaller majority (275, or 73%) also reported that their course requirements met the requirements for both Gold Seal Vocational Scholarships and Medallion/Academic Scholarships under the Bright Futures Scholarship program. A few programs reported that their course requirements met only Gold Seal requirements (40) or only Medallion/Academic Scholarship requirements (37). Twenty-seven programs reported that they did not align their curriculum with Bright Futures program requirements, as shown in Exhibit 16.

Exhibit 16
Most Programs Are Aligned With Bright Futures Scholarship Requirements ¹

Both Gold Seal and Medallion/Academic Scholarships		Medallion/Academic Scholarships Only		Gold Seal Scholarship Only		Neither Gold Seal Nor Medallion/Academic	
275	73%	37	10%	40	11%	27	7%

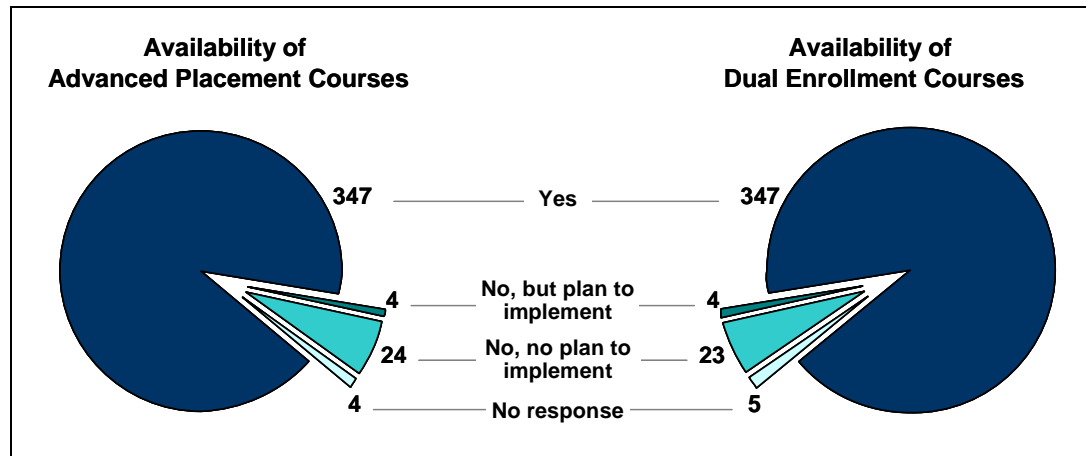
¹ Due to rounding, the percentages total 101%.

Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

Were career academy students provided the opportunity to take advanced placement and dual enrollment courses?

Most career academy students were given the opportunity to participate in advanced placement and dual enrollment courses, as shown in Exhibit 17.

Exhibit 17
Almost All Career Academy Students Had an Opportunity to Attend Advanced Placement and Dual Enrollment Courses

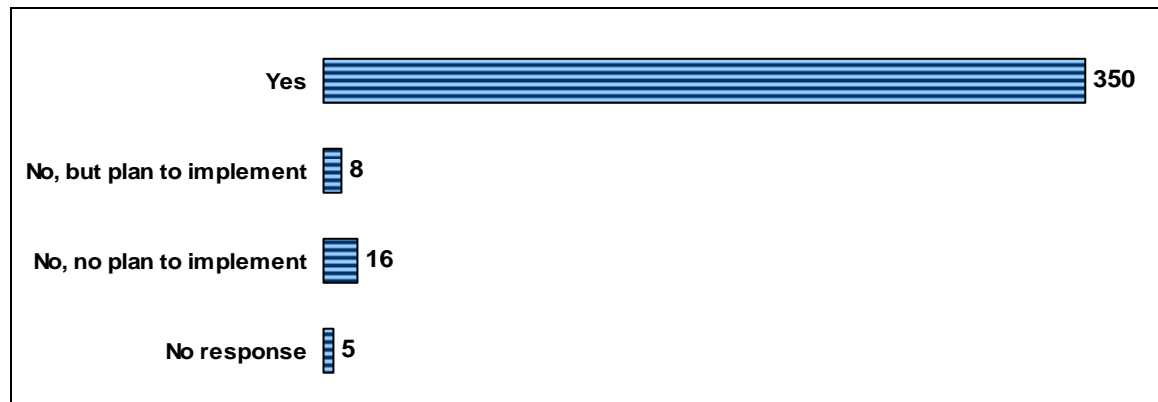


Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

Did career academies use industry materials and/or sources in the design of curriculum materials?

Most career academies used industry materials and/or sources to design the curriculum, as shown in Exhibit 18.

Exhibit 18
Almost All Career Academies Use Industry Materials/Sources in Curriculum Design



Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

Partnerships

Partnerships with local industry, businesses, and employers are crucial to implementing the career/vocational aspect of career academies and afford students opportunities such as internships, job shadowing, and field trips. The partnerships are also important to the schools for curriculum input and development; various forms of support such as facilities, equipment and funding; and recruiting members for program advisory boards.

One-half of Florida’s career academies required all or some students to complete an internship. The availability of internships, whether paid or unpaid, varied based on the type of career. Financial service programs were most likely to provide students paid internships, while health science programs were most likely to provide unpaid internships.

Although local businesses and employers supported career academies by providing guest speakers, hosting field trips, and allowing job shadowing, they were less likely to support programs financially. Local industry was also less likely than school personnel to provide input into career academy career field selection and curricula.

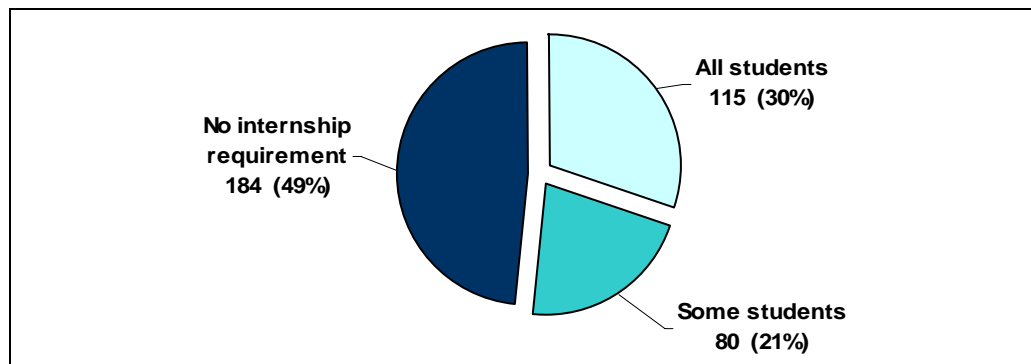
The following questions and answers examine partnerships between Florida’s career academies and local industry, businesses, and employers.

Did career academies require students to complete an internship?

As illustrated in Exhibit 19, one-half of the career academies required all or some students to complete an internship. The following seven career themes required at least some participating students to complete an internship.

- Financial services (25 of 27 programs)
- Hospitality and tourism (19 of 22 programs)
- Education and training (10 of 12 programs)
- Health science (38 of 49 programs)
- Manufacturing (2 of 3 programs)
- Culinary arts (8 of 15 programs)
- Information technology (27 of 52 programs)

Exhibit 19
Half of the Responding Career Academies Required Students to Complete Internships



Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

What internship opportunities were available for career academy students?

About one-half of all programs identified as career academies reported that paid and non-paid internships were available to their students. As illustrated in Exhibit 20, local employers were more likely to provide internships in some career academy fields than in others. Following is a summary of the career fields most and least likely to offer paid and non-paid internships.

- **Paid internships were most likely in five career fields.**
 - Financial services (26 of 27 programs)
 - Architecture and construction (14 of 18 programs)
 - Hospitality and tourism (16 of 22 programs)
 - Information technology (34 of 52 programs)
 - Culinary arts (10 of 15 programs)
- **Paid internships were least likely in three career fields.**
 - Government and public administration (0 of 8 programs)
 - Education and training (1 of 12 programs)
 - Law, public safety, and security (2 of 16 programs)
- **Non-paid internships were most likely in five career fields.**
 - Health science (44 of 49 programs)
 - Law, public safety, and security (11 of 16 programs)
 - Hospitality and tourism (14 of 22 programs)
 - Agriculture, food, and natural resources (11 of 17 programs)
 - Scientific technology, engineering, and math (19 of 30 programs)
- **Non-paid internships were least likely in four career fields.**
 - Manufacturing (0 of 3 programs)
 - Marketing, sales, and service (4 of 20 programs)
 - Government and public administration (3 of 8 programs)
 - Financial services (8 of 27 programs)

Exhibit 20
Internship Availability Varied by Career Theme

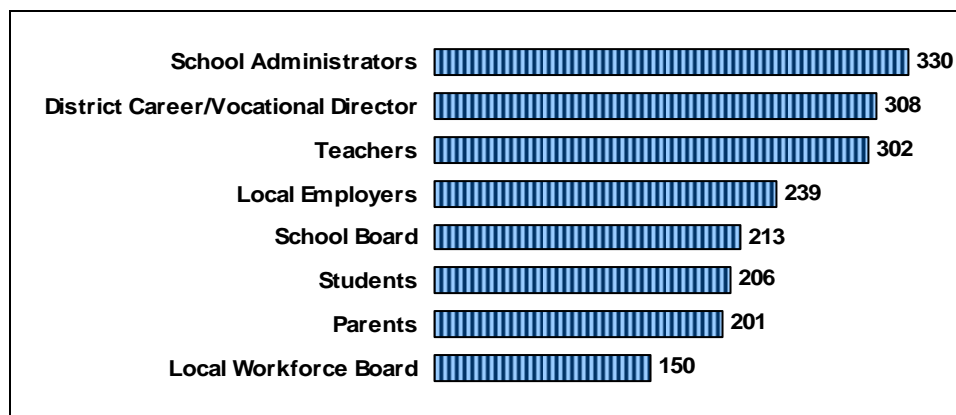
Career Academy Theme	Number of Academies in Theme	Number and Percentage of Academies with Unpaid Internships		Number and Percentage of Academies with Paid Internships	
Agriculture, Food, and Natural Resources	17	11	(65%)	5	(30%)
Architecture and Construction	18	10	(56%)	14	(78%)
Arts, Audio/Video Technology and Communications	33	21	(64%)	13	(39%)
Business, Management and Administration	26	11	(42%)	13	(50%)
Culinary Arts	15	8	(53%)	10	(67%)
Education and Training	12	6	(50%)	1	(8%)
Financial Services	27	8	(30%)	26	(96%)
Government and Public Administration	8	3	(38%)	0	(0%)
Health Science	49	44	(90%)	13	(27%)
Hospitality and Tourism	22	14	(64%)	16	(73%)
Information Technology	52	25	(48%)	34	(65%)
Law, Public Safety, and Security	16	11	(69%)	2	(13%)
Manufacturing	3	0	(0%)	1	(33%)
Marketing, Sales, and Service	20	4	(20%)	10	(50%)
Other	18	10	(56%)	6	(33%)
Scientific Technology, Engineering, and Mathematics	30	19	(63%)	11	(37%)
Transportation, Distribution, and Logistics	13	6	(46%)	5	(39%)

Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

What parties had input into the academies' career field selection?

As illustrated in Exhibit 21, a wide range of parties provided input into the selection of a career academy's focus. School district personnel, including administrators, district vocational directors, and teachers were most often relied upon in career field selection.

Exhibit 21
School Personnel Were Most Likely to Provide Input into Career Field Selection

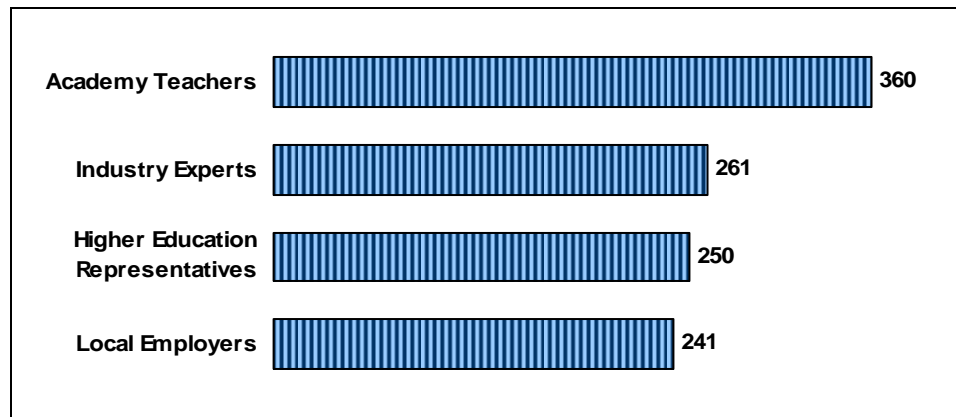


Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

What parties provided input into the development of the career/vocational curriculum?

Academy teachers provided input into career/vocational curriculum at almost all of the 379 career academies that responded to OPPAGA’s survey. Most programs also used input from industry experts, higher education representatives, and local employers, as shown in Exhibit 22.

Exhibit 22
Academy Teachers Provided Curriculum Input at Almost All Career Academies

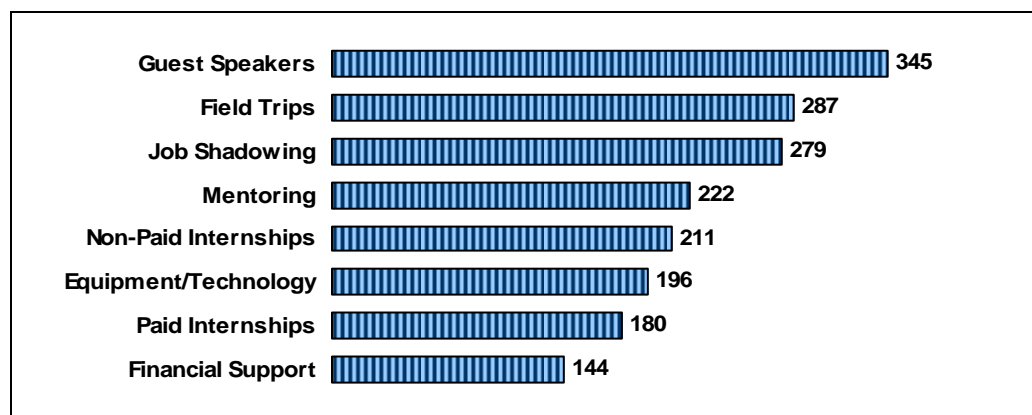


Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

How did local businesses and employers support career academies?

Local businesses and employers supported career academies in a number of different ways. The programs reported that local businesses and employers most frequently provided support by providing guest speakers, hosting field trips, and offering job shadowing. Financial support was the least likely form of local business and employer support, reported by a little more than one-third (144, or 38%) of the programs, as shown in Exhibit 23.

Exhibit 23
Local Businesses and Employers Supported Career Academies in a Variety of Ways



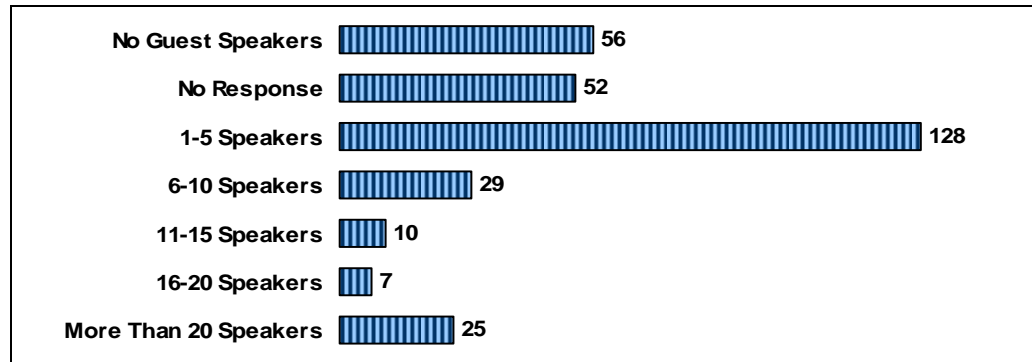
Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

How many guest speakers spoke to students in school year 2004-05?

Most career academies (128, or 42%) reported providing students between one and five guest speakers in school year 2004-05. Almost a third of programs (108, or 35%) either provided no guest speakers or did not answer the survey question. Almost one-quarter of programs (71, or 23%) provided more than five speakers last school year, as shown in Exhibit 24.

Exhibit 24

Most Career Academies Provided Students One to Five Guest Speakers in 2004-05 ¹



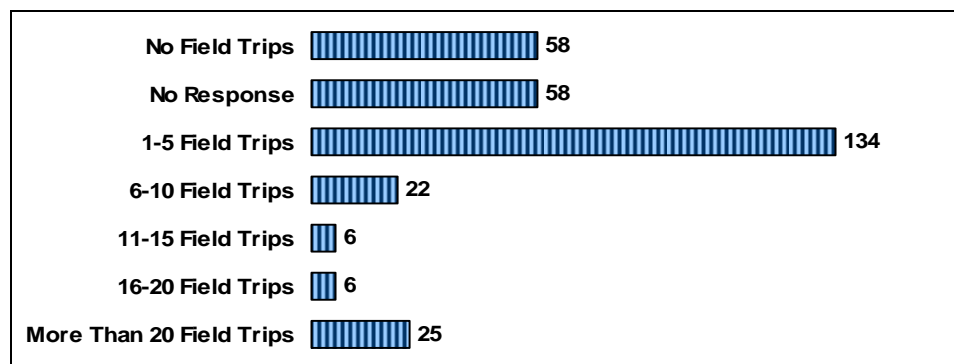
¹ For each grade level, programs that did not report any students for that grade level were removed, thus lowering the N from 379 to 307. The chart represents the average number of guest speakers per grade level, i.e., total number of academies across all grade levels for each number range divided by four.

How many field trips did career academy students take in school year 2004-05?

More than one-third of programs (116, or 38%) reported that they provided students with no field trip opportunities or did not respond to this question. Of programs providing student with field trips, most (134, or 43%) provided one to five field trips in the 2004-05 school year. A small number of career academies (59, or 19%) provided six or more field trips in the last school year, as shown in Exhibit 25.

Exhibit 25

Most Career Academies Reported Providing One to Five Student Field Trips ¹



¹ For each grade level, programs that did not report any students for that grade level were removed, thus lowering the N from 379 to 307. The chart represents the average number of field trips per grade level, i.e., total number of academies across all grade levels for each number range divided by four.

Certifications

Certification is an important measure of career academy program success, though it is not available for all programs. There are three types of certification mechanisms: student-centered certification, teacher-centered certification, and career academy program certification. Programs may use all, none, or a combination of these certification mechanisms depending on the program’s career/vocational focus and the availability of certifying programs.

One-half of Florida’s career academies used at least one certifying mechanism, with student certification being the most common. One-half of the career academies without certification reported either that there was no certification available for the program or that students must complete additional requirements before becoming eligible for certification. The other half of career academies without certification had not taken advantage of available certification mechanisms. Approximately one-third of programs had designed their curriculum to lead to student certification. Of these programs, slightly more than one-half facilitated students taking certification exams by either administering the exam on-site or coordinating off-site exam administration.

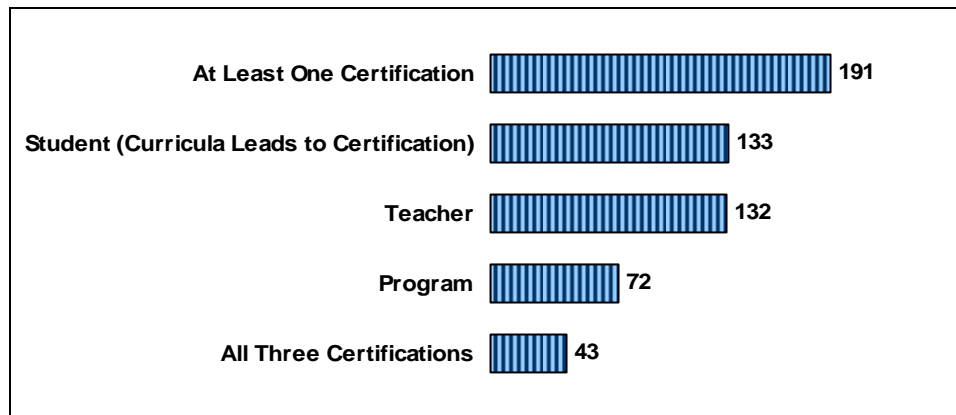
The following questions and answers examine industry certification.

What industry certifications were available for career academies?

There were three broad types of certifications available to career academies. First, certification may be student-centered, meaning that the career academy’s curriculum is organized so program completion either leads students to direct industry certification or prepares them to sit for a certification exam. Second, certification may be teacher-centered, meaning that career/technical teachers hold industry certifications in addition to their education certification. Finally, the career academy program itself may be industry certified. One-half of the state’s career academies (191, or 50%) reported using at least one of these certifications. Of these, student-centered certification was the most common, followed by teacher-centered certification, as shown in Exhibit 26.

Exhibit 26

Students and Teachers Were More Likely to Obtain Industry Certification Than Entire Career Academy Programs



Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

Did career academies with curricula designed for students to receive industry certification facilitate students taking certification exams?

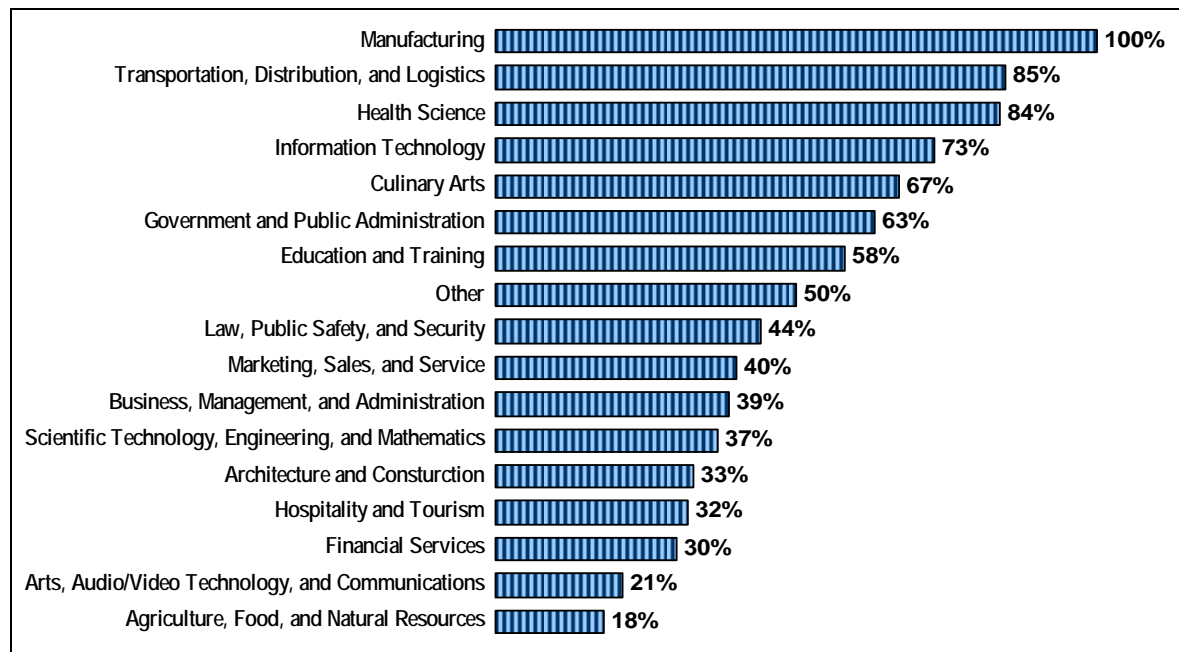
More than one-half (77, or 58%) of the 133 career academies that designed their course sequence to lead to student certification facilitated students taking the certification exam. Forty of these programs reported administering certification exams on campus, while the remaining 37 reported coordinating off-campus exam administration.

Why did more career academies fail to use industry certification mechanisms?

Use of industry certifications was directly related to the programs' career themes. Over one-half (106, or 56%) of the 188 career academies that did not have industry certifications reported that there are no industry certifications available for their specific career focus or that students can earn certification only after completing high school. For example, students in programs designed to prepare future teachers must complete college before earning their teaching certification, and therefore cannot obtain a certification at the high school career academy level. About one-quarter (46 of 188, or 24%) of the career academies that did not use any of the certification mechanisms planned to seek student certification in the future.

Preliminary data indicated that there was a strong relationship between an academy's career focus and whether or not it used any of the three industry certification mechanisms. As Exhibit 27 illustrates, over 80% of the health science, transportation, and manufacturing academies used at least one industry certification, while only 30% of the financial services academies used industry certifications.

Exhibit 27
Industry Certification Rates Varied by Career Academy Theme



Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

Exhibit 28 shows the types of certification that career academies used by career theme. Some of the most common industry certifying bodies were Cisco and Microsoft for information technology academies and the National Restaurant Association and ProStart for culinary arts academies.

Exhibit 28
Types of Industry Certification Varied Based on Program Career Themes

Career Academy Theme	Number of Academies	Certification Type					
		Student (Course Sequence)		Teacher		Program	
		Number Certified	Percentage Certified	Number Certified	Percentage Certified	Number Certified	Percentage Certified
Agriculture, Food, and Natural Resources	17	2	12%	1	6%	1	6%
Architecture and Construction	18	4	22%	4	22%	2	11%
Arts, Audio/Video Technology and Communications	33	6	18%	2	6%	2	6%
Business, Management & Administration	26	7	27%	6	23%	3	12%
Culinary Arts	15	8	53%	6	40%	7	47%
Education and Training	12	4	33%	5	42%	3	25%
Financial Services	27	2	7%	4	15%	3	11%
Government and Public Administration	8	0	0%	5	63%	1	13%
Health Science	49	31	63%	38	78%	15	31%
Hospitality and Tourism	22	2	9%	4	18%	2	9%
Information Technology	52	33	64%	18	35%	16	31%
Law, Public Safety, and Security	16	2	13%	7	44%	0	0%
Manufacturing	3	2	67%	2	67%	1	33%
Marketing, Sales, and Service	20	3	15%	7	35%	0	0%
Other	18	8	44%	5	28%	4	22%
Scientific Technology, Engineering, and Mathematics	30	9	30%	7	23%	4	13%
Transportation, Distribution, and Logistics	13	10	77%	11	85%	8	62%

Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

Appendix A

Thirty-Three School Districts Reported 379 Career Academies in Operation in 2004-05

The 379 career academies listed in Appendix A reflect those programs that (1) responded to OPPAGA’s career academy survey of districts and schools and (2) indicated that they operated during the 2004-05 school year. The appendix identifies where the reported career academies are located, their career theme, and the certification mechanisms reported by each.

District	School	Career Theme	Certification Type		
			Teacher	Student	Program
Alachua	Eastside High School	Culinary Arts	Yes	Yes	Yes
	F. W. Buchholz High School	Financial Services	No	Yes	No
	F. W. Buchholz High School	Marketing, Sales, and Service	No	Yes	No
	Gainesville High School	Health Science	Yes	Yes	No
	Newberry High School	Law, Public Safety, and Security	No	No	No
	Santa Fe High School	Agriculture, Food, and Natural Resources	No	No	No
	W. Travis Loften High School	Architecture and Construction	No	Yes	No
	W. Travis Loften High School	Information Technology	No	Yes	Yes
Baker	Baker County Senior High School	Business, Management and Administration	No	Yes	No
	Baker County Senior High School	Business, Management and Administration	No	No	No
Bay	Bay High School	Arts, Audio/Video Technology and Communications	No	No	No
	Bay High School	Culinary Arts	No	No	No
	Bay High School	Information Technology	Yes	Yes	Yes
	J.R. Arnold High School	Hospitality and Tourism	No	No	No
	Rutherford High School	Arts, Audio/Video Technology and Communications	No	Yes	No
	Rutherford High School	Health Science	Yes	Yes	No
Brevard	Melbourne Senior High School	Financial Services	No	No	No
	Palm Bay Senior High School	Law, Public Safety, and Security	No	No	No
	Palm Bay Senior High School	Architecture and Construction	Yes	Yes	Yes
	Titusville High School	Business, Management and Administration	No	Yes	Yes
	Titusville High School	Health Science	No	Yes	Yes
	Titusville High School	Arts, Audio/Video Technology and Communications	No	Yes	Yes
Broward	Atlantic Technical Center	Information Technology	Yes	Yes	Yes
	Boyd H. Anderson High School	Information Technology	No	Yes	No
	Charles W Flanagan High School	Financial Services	No	No	No
	Charles W Flanagan High School	Information Technology	No	Yes	No
	Cooper City High School	Financial Services	No	No	No
	Coral Glades High School	Information Technology	No	No	No
	Cypress Bay High School	Financial Services	Yes	No	No
	Cypress Bay High School	Information Technology	Yes	No	No
	Deerfield Beach High School	Financial Services	Yes	No	No
	J. P. Taravella High School	Financial Services	No	No	No
	J. P. Taravella High School	Information Technology	No	No	No
	Marjorie Stoneman Douglas High	Financial Services	Yes	No	No
	McArthur High School	Financial Services	No	No	No
	Northeast High School	Information Technology	No	No	No
	Northeast High School	Financial Services	No	No	No

District	School	Career Theme	Certification Type		
			Teacher	Student	Program
Broward <i>(continued)</i>	Piper High School	Financial Services	No	No	No
	Plantation High School	Information Technology	No	No	No
	Plantation High School	Financial Services	No	No	No
	Plantation High School	Hospitality and Tourism	Yes	No	No
	South Broward High School	Hospitality and Tourism	Yes	No	No
	Western High School	Marketing, Sales, and Service	No	No	No
Citrus	Crystal River High School	Health Science	Yes	Yes	Yes
Clay	Clay High School	Law, Public Safety, and Security	Yes	Yes	No
	Fleming Island High School	Financial Services	No	No	No
	Orange Park High School	Scientific Technology, Engineering, and Mathematics	No	No	No
	Orange Park High School	Health Science	Yes	Yes	Yes
Collier	Everglades City School	Agriculture, Food, and Natural Resources	No	No	No
	Golden Gate High School	Health Science	Yes	Yes	No
	Golden Gate High School	Arts, Audio/Video Technology and Communications	No	Yes	No
	Gulf Coast High School	Health Science	Yes	Yes	No
	Gulf Coast High School	Marketing, Sales, and Service	Yes	No	No
	Lely High School	Architecture and Construction	No	No	No
	Lely High School	Education and Training	Yes	No	Yes
	Naples High School	Scientific Technology, Engineering, and Mathematics	No	No	No
	Palmetto Ridge High School	Health Science	Yes	No	No
Columbia	Columbia High School	Arts, Audio/Video Technology and Communications	No	No	No
Dade	American Senior High School	Hospitality and Tourism	No	No	No
	American Senior High School	Information Technology	Yes	Yes	No
	Barbara Goleman Senior High	Business, Management and Administration	No	No	No
	Booker T. Washington Senior High	Scientific Technology, Engineering, and Mathematics	No	No	No
	Booker T. Washington Senior High	Health Science	Yes	Yes	No
	Coral Gables Senior High School	Culinary Arts	No	No	No
	Coral Reef Senior High School	Financial Services	No	No	No
	Coral Reef Senior High School	Law, Public Safety, and Security	No	No	No
	Coral Reef Senior High School	Health Science	Yes	Yes	Yes
	Design & Architectural Senior	Architecture and Construction	No	No	No
	Dr. Michael M. Krop Senior High	Arts, Audio/Video Technology and Communications	No	No	No
	Dr. Michael M. Krop Senior High	Scientific Technology, Engineering, and Mathematics	No	No	No
	Dr. Michael M. Krop Senior High	Business, Management and Administration	Yes	Yes	Yes
	Felix Varela Senior High School	Arts, Audio/Video Technology and Communications	No	No	No
	Felix Varela Senior High School	Information Technology	Yes	Yes	Yes
	Felix Varela Senior High School	Health Science	No	Yes	No
	G. Holmes Braddock Senior High	Transportation, Distribution, and Logistics	No	No	No
	George T. Baker Aviation School	Transportation, Distribution, and Logistics	Yes	Yes	Yes
	Hialeah Senior High School	Business, Management and Administration	Yes	Yes	Yes
	Hialeah Senior High School	Transportation, Distribution, and Logistics	Yes	Yes	Yes
	Hialeah Senior High School	Other	No	Yes	No
	Hialeah Senior High School	Health Science	Yes	Yes	Yes
	Hialeah-Miami Lakes Senior High	Health Science	Yes	Yes	No
	Hialeah-Miami Lakes Senior High	Information Technology	Yes	Yes	No
	Hialeah-Miami Lakes Senior High	Information Technology	Yes	No	No
	Homestead Senior High School	Hospitality and Tourism	No	No	Yes
	John A.Ferguson Senior High	Hospitality and Tourism	Yes	No	No
	John A.Ferguson Senior High	Architecture and Construction	No	No	No
	John A.Ferguson Senior High	Business, Management and Administration	No	No	No
	John A.Ferguson Senior High	Health Science	Yes	Yes	No

District	School	Career Theme	Certification Type		
			Teacher	Student	Program
Dade <i>(continued)</i>	John A.Ferguson Senior High	Other	Yes	Yes	No
	Mast Academy	Scientific Technology, Engineering, and Mathematics	No	No	No
	Miami Beach Senior High School	Government and Public Administration	Yes	No	No
	Miami Beach Senior High School	Hospitality and Tourism	No	Yes	Yes
	Miami Beach Senior High School	Information Technology	No	Yes	Yes
	Miami Beach Senior High School	Other	No	No	No
	Miami Carol City Senior High	Law, Public Safety, and Security	No	No	No
	Miami Central Senior High School	Information Technology	No	Yes	No
	Miami Central Senior High School	Health Science	No	No	No
	Miami Coral Park Senior High	Scientific Technology, Engineering, and Mathematics	No	No	No
	Miami Douglas Macarthur S.H.S.	Culinary Arts	No	No	No
	Miami Edison Senior High School	Health Science	Yes	No	No
	Miami Jackson Senior High School	Business, Management and Administration	No	No	No
	Miami Killian Senior High School	Information Technology	Yes	No	No
	Miami Lakes Educational Center	Arts, Audio/Video Technology and Communications	No	No	No
	Miami Lakes Educational Center	Other	Yes	Yes	Yes
	Miami Lakes Educational Center	Health Science	Yes	Yes	Yes
	Miami Lakes Educational Center	Scientific Technology, Engineering, and Mathematics	Yes	Yes	Yes
	Miami Lakes Educational Center	Information Technology	Yes	Yes	Yes
	Miami Norland Senior High School	Education and Training	No	No	No
	Miami Norland Senior High School	Hospitality and Tourism	No	No	No
	Miami Northwestern Senior High	Health Science	Yes	Yes	Yes
	Miami Palmetto Senior High School	Information Technology	Yes	Yes	Yes
	Miami Senior High School	Education and Training	Yes	No	No
	Miami Senior High School	Government and Public Administration	No	No	No
	Miami Senior High School	Arts, Audio/Video Technology and Communications	No	No	No
	Miami Southridge Senior High	Education and Training	No	Yes	No
	Miami Springs Senior High School	Hospitality and Tourism	No	No	No
	Miami Sunset Senior High School	Education and Training	No	Yes	Yes
	Miami Sunset Senior High School	Information Technology	No	Yes	Yes
	New World School Of The Arts	Arts, Audio/Video Technology and Communications	Yes	No	No
	North Miami Beach Senior High	Financial Services	No	No	No
	North Miami Beach Senior High	Agriculture, Food, and Natural Resources	No	No	No
North Miami Beach Senior High	Information Technology	No	No	No	
North Miami Beach Senior High	Agriculture, Food, and Natural Resources	Yes	No	No	
Robert Morgan Education Center	Scientific Technology, Engineering, and Mathematics	No	No	No	
Robert Morgan Education Center	Health Science	No	No	No	
Robert Morgan Education Center	Arts, Audio/Video Technology and Communications	No	No	No	
Robert Morgan Education Center	Other	No	No	No	
Robert Morgan Education Center	Arts, Audio/Video Technology and Communications	No	No	No	
Robert Morgan Education Center	Information Technology	No	Yes	No	
Robert Morgan Education Center	Scientific Technology, Engineering, and Mathematics	No	Yes	No	
South Miami Senior High School	Arts, Audio/Video Technology and Communications	No	No	No	
Southwest Miami Senior High	Financial Services	No	No	No	
William Turner Technical Arts	Other	No	Yes	No	
Duval	Andrew Jackson High School	Health Science	Yes	Yes	No
	Englewood High School	Architecture and Construction	No	No	No
	Frank H. Peterson Academies	Transportation, Distribution, and Logistics	Yes	Yes	Yes
	Frank H. Peterson Academies	Arts, Audio/Video Technology and Communications	No	No	No
	Frank H. Peterson Academies	Transportation, Distribution, and Logistics	Yes	Yes	Yes
	Frank H. Peterson Academies	Other	Yes	Yes	Yes

District	School	Career Theme	Certification Type		
			Teacher	Student	Program
Duval <i>(continued)</i>	Frank H. Peterson Academies	Culinary Arts	No	No	No
	Samuel W. Wolfson High School	Financial Services	No	No	No
	William M. Raines High School	Information Technology	Yes	Yes	No
Escambia	W. J. Woodham High School	Education and Training	No	No	No
	W. J. Woodham High School	Law, Public Safety, and Security	No	No	No
	W. J. Woodham High School	Health Science	No	No	No
	West Florida High School/Technology	Information Technology	No	Yes	Yes
	West Florida High School/Technology	Arts, Audio/Video Technology and Communications	No	Yes	No
	West Florida High School/Technology	Scientific Technology, Engineering, and Mathematics	Yes	Yes	Yes
	West Florida High School/Technology	Information Technology	Yes	Yes	Yes
Gilchrist	Bell High School	Health Science	Yes	Yes	No
	Trenton High School	Information Technology	No	Yes	No
Hillsborough	Alonso Senior High School	Marketing, Sales, and Service	No	No	No
	Alonso Senior High School	Marketing, Sales, and Service	No	No	No
	Armwood High School	Marketing, Sales, and Service	No	No	No
	Armwood High School	Financial Services	No	No	No
	Blake High School-Magnet	Marketing, Sales, and Service	No	No	No
	Bloomisdale High School	Marketing, Sales, and Service	Yes	No	No
	Bowers-Whitley Career Center	Marketing, Sales, and Service	No	No	No
	Brandon High School	Financial Services	No	No	No
	Brandon High School	Information Technology	No	No	No
	Chamberlain Senior High School	Hospitality and Tourism	No	No	No
	Chamberlain Senior High School	Business, Management and Administration	No	No	No
	Hillsborough Senior High School	Information Technology	Yes	Yes	Yes
	Jefferson Senior High School	Business, Management and Administration	Yes	No	No
	Jefferson Senior High School	Marketing, Sales, and Service	Yes	No	No
	Jefferson Senior High School	Business, Management and Administration	Yes	No	No
	Jefferson Senior High School	Other	Yes	Yes	Yes
	Jefferson Senior High School	Marketing, Sales, and Service	Yes	No	No
	Leto Senior High School	Marketing, Sales, and Service	No	No	No
	Newsome High School	Marketing, Sales, and Service	No	No	No
	Plant Senior High School	Marketing, Sales, and Service	Yes	No	No
	Riverview High School	Business, Management and Administration	No	No	No
	Robinson Senior High School	Hospitality and Tourism	Yes	No	No
	Sickles High School	Marketing, Sales, and Service	No	No	No
Tampa Bay Technical High School	Health Science	Yes	Yes	Yes	
Tampa Bay Technical High School	Architecture and Construction	No	No	No	
Waters Career Center	Hospitality and Tourism	No	No	No	
Wharton High School	Marketing, Sales, and Service	No	No	No	
Indian River	Sebastian River High School	Business, Management and Administration	No	No	No
	Sebastian River High School	Agriculture, Food, and Natural Resources	No	No	No
	Sebastian River High School	Health Science	No	Yes	Yes
	Sebastian River High School	Information Technology	No	Yes	No
	Sebastian River High School	Other	No	Yes	Yes
Jackson	Jackson Academy	Other	No	No	No
	Jackson Academy	Arts, Audio/Video Technology and Communications	No	No	No
	Jackson Academy	Arts, Audio/Video Technology and Communications	No	No	No
	Jackson Academy	Law, Public Safety, and Security	No	No	No
	Jackson Academy	Health Science	No	No	No

District	School	Career Theme	Certification Type		
			Teacher	Student	Program
Lee	Estero High School	Health Science	Yes	No	No
	Fort Myers High School	Financial Services	No	No	No
Levy	Chiefland High School	Health Science	No	No	No
Manatee	Bayshore High School	Arts, Audio/Video Technology and Communications	No	No	No
	Bayshore High School	Business, Management and Administration	No	No	No
	Manatee High School	Health Science	Yes	Yes	No
	Palmetto High School	Agriculture, Food, and Natural Resources	No	Yes	Yes
	Palmetto High School	Education and Training	Yes	Yes	No
Marion	Belleview High School	Other	No	No	No
	Belleview High School	Health Science	Yes	No	No
	Belleview High School	Financial Services	No	Yes	Yes
	Forest High School	Scientific Technology, Engineering, and Mathematics	Yes	No	No
	Lake Weir High School	Arts, Audio/Video Technology and Communications	No	No	No
	Lake Weir High School	Scientific Technology, Engineering, and Mathematics	No	No	No
	Lake Weir High School	Scientific Technology, Engineering, and Mathematics	No	No	No
	West Port High School	Health Science	Yes	No	No
Martin	Jensen Beach High School	Scientific Technology, Engineering, and Mathematics	Yes	No	No
	Jensen Beach High School	Scientific Technology, Engineering, and Mathematics	No	No	No
Okaloosa ¹	Choctawhatchee Senior High School	Transportation, Distribution, and Logistics	Yes	Yes	No
	Choctawhatchee Senior High School	Scientific Technology, Engineering, and Mathematics	Yes	Yes	No
	Crestview Vocational-Technical	Transportation, Distribution, and Logistics	Yes	Yes	Yes
	Niceville Senior High School	Information Technology	Yes	Yes	No
	Okaloosa Applied Tech Center	Architecture and Construction	Yes	Yes	No
Okeechobee	Okeechobee High School	Financial Services	No	No	No
Orange	Apopka High School	Health Science	Yes	No	No
	Apopka High School	Scientific Technology, Engineering, and Mathematics	No	No	No
	Colonial High School	Information Technology	Yes	Yes	No
	Colonial High School	Hospitality and Tourism	No	No	No
	Edgewater High School	Scientific Technology, Engineering, and Mathematics	No	Yes	No
	Evans High School	Agriculture, Food, and Natural Resources	No	No	No
	Freedom High School	Arts, Audio/Video Technology and Communications	No	Yes	No
	Jones High School	Health Science	No	No	No
	Jones High School	Information Technology	Yes	No	No
	Oak Ridge High School	Hospitality and Tourism	No	Yes	No
	Olympia High School	Business, Management and Administration	Yes	No	No
	Robert Hungerford Prep. High	Agriculture, Food, and Natural Resources	No	No	No
	Robert Hungerford Prep. High	Hospitality and Tourism	No	No	No
	Robert Hungerford Prep. High	Information Technology	No	Yes	No
	Robert Hungerford Prep. High	Culinary Arts	No	Yes	Yes
	Timber Creek High School	Education and Training	No	No	No
	Timber Creek High School	Arts, Audio/Video Technology and Communications	No	No	No
	Timber Creek High School	Financial Services	No	No	No
	University High School	Information Technology	No	Yes	No
	Winter Park High School	Information Technology	Yes	No	No
Osceola	Celebration High School	Scientific Technology, Engineering, and Mathematics	Yes	Yes	Yes
	Celebration High School	Arts, Audio/Video Technology and Communications	No	No	No
	Celebration High School	Business, Management and Administration	No	No	No
	Osceola High School	Hospitality and Tourism	No	No	No

District	School	Career Theme	Certification Type		
			Teacher	Student	Program
Palm Beach	Boca Raton High School	Scientific Technology, Engineering, and Mathematics	No	Yes	No
	Forest Hill High School	Scientific Technology, Engineering, and Mathematics	No	No	No
	Forest Hill High School	Hospitality and Tourism	No	No	No
	Forest Hill High School	Architecture and Construction	No	No	No
	Forest Hill High School	Information Technology	No	No	No
	Forest Hill High School	Agriculture, Food, and Natural Resources	No	No	No
	Forest Hill High School	Agriculture, Food, and Natural Resources	No	No	No
	Glades Central High School	Law, Public Safety, and Security	Yes	Yes	No
	John I. Leonard High School	Information Technology	No	Yes	No
	Jupiter High School	Government and Public Administration	Yes	No	Yes
	Jupiter High School	Agriculture, Food, and Natural Resources	No	No	No
	Jupiter High School	Scientific Technology, Engineering, and Mathematics	No	No	No
	Jupiter High School	Information Technology	No	No	No
	Jupiter High School	Culinary Arts	Yes	Yes	Yes
	Jupiter High School	Health Science	Yes	No	Yes
	Lake Worth High School	Law, Public Safety, and Security	Yes	No	No
	Lake Worth High School	Government and Public Administration	Yes	No	No
	Lake Worth High School	Health Science	Yes	Yes	Yes
	Pahokee Middle-Senior High	Government and Public Administration	Yes	No	No
	Palm Beach Central High School	Culinary Arts	No	Yes	No
	Palm Beach Central High School	Scientific Technology, Engineering, and Mathematics	No	No	No
	Palm Beach Central High School	Information Technology	No	Yes	No
	Palm Beach Gardens High School	Health Science	No	No	No
	Palm Beach Gardens High School	Arts, Audio/Video Technology and Communications	No	No	No
	Palm Beach Gardens High School	Marketing, Sales, and Service	No	No	No
	Palm Beach Gardens High School	Business, Management and Administration	No	No	No
	Palm Beach Gardens High School	Hospitality and Tourism	No	No	No
	Palm Beach Gardens High School	Government and Public Administration	Yes	No	No
	Palm Beach Lakes High School	Scientific Technology, Engineering, and Mathematics	Yes	Yes	Yes
	Palm Beach Lakes High School	Health Science	Yes	Yes	Yes
	Palm Beach Lakes High School	Law, Public Safety, and Security	Yes	No	No
	Palm Beach Lakes High School	Education and Training	No	No	No
	Park Vista Community High School	Health Science	Yes	No	No
	Park Vista Community High School	Information Technology	No	No	No
	Park Vista Community High School	Transportation, Distribution, and Logistics	Yes	Yes	No
	Park Vista Community High School	Arts, Audio/Video Technology and Communications	No	No	No
Royal Palm Beach High School	Manufacturing	Yes	No	No	
Suncoast Community High School	Information Technology	No	No	No	
West Boca Raton Community High	Information Technology	No	Yes	Yes	
West Boca Raton Community High	Culinary Arts	No	No	No	
West Boca Raton Community High	Architecture and Construction	No	No	No	
William T. Dwyer High School	Financial Services	No	No	Yes	
Pinellas	Clearwater High School	Business, Management and Administration	No	No	No
	Countryside High School	Financial Services	Yes	No	No
	Dixie M. Hollins High School	Arts, Audio/Video Technology and Communications	No	No	No
	Dunedin High School	Architecture and Construction	No	No	No
	Gibbs High School	Business, Management and Administration	Yes	Yes	No
	Northeast High School	Transportation, Distribution, and Logistics	Yes	Yes	Yes
	Pinellas Park High School	Law, Public Safety, and Security	No	No	No
	Tarpon Springs High School	Other	No	Yes	No

District	School	Career Theme	Certification Type		
			Teacher	Student	Program
Polk	Auburndale Senior High School	Education and Training	No	No	No
	Bartow Senior High School	Health Science	Yes	No	Yes
	Frostproof Middle/Senior High	Information Technology	No	Yes	Yes
	Haines City Senior High School	Law, Public Safety, and Security	Yes	No	No
	Kathleen Senior High School	Law, Public Safety, and Security	Yes	No	No
	Lake Gibson Senior High School	Business, Management and Administration	No	No	No
	Lake Gibson Senior High School	Culinary Arts	No	Yes	No
	Lakeland Senior High School	Health Science	Yes	Yes	No
Sarasota	Booker High School	Agriculture, Food, and Natural Resources	No	No	No
	Booker High School	Other	No	No	No
	Booker High School	Arts, Audio/Video Technology and Communications	No	No	No
	Booker High School	Law, Public Safety, and Security	No	No	No
	Booker High School	Hospitality and Tourism	No	No	No
	North Port High School	Arts, Audio/Video Technology and Communications	No	No	No
	North Port High School	Agriculture, Food, and Natural Resources	No	No	No
	North Port High School	Health Science	Yes	Yes	No
	North Port High School	Information Technology	No	No	No
	North Port High School	Other	No	No	No
	Riverview High School	Other	No	No	No
	Riverview High School	Other	No	No	No
	Riverview High School	Arts, Audio/Video Technology and Communications	No	No	No
	Riverview High School	Government and Public Administration	No	No	No
	Riverview High School	Scientific Technology, Engineering, and Mathematics	No	No	No
	Riverview High School	Health Science	Yes	Yes	No
	Sarasota High School	Other	No	No	No
	Sarasota High School	Hospitality and Tourism	No	No	No
	Venice Senior High School	Agriculture, Food, and Natural Resources	No	No	No
	Venice Senior High School	Arts, Audio/Video Technology and Communications	No	No	No
Venice Senior High School	Scientific Technology, Engineering, and Mathematics	No	No	No	
Venice Senior High School	Business, Management and Administration	No	No	No	
Seminole	Crooms Academy Of Information	Information Technology	No	Yes	No
	Lake Brantley High School	Financial Services	No	No	No
	Lake Howell High School	Arts, Audio/Video Technology and Communications	No	No	No
	Lyman High School	Scientific Technology, Engineering, and Mathematics	No	No	No
	Oviedo High School	Hospitality and Tourism	No	No	No
	Seminole Community College	Architecture and Construction	No	Yes	No
	Seminole High School	Health Science	Yes	Yes	Yes
	Winter Springs High School	Agriculture, Food, and Natural Resources	No	No	No
St. Johns	Bartram Trail High School	Business, Management and Administration	No	No	No
St. Lucie	Fort Pierce Central High School	Information Technology	No	Yes	Yes
	Fort Pierce Central High School	Education and Training	Yes	No	No
	Fort Pierce Central High School	Arts, Audio/Video Technology and Communications	No	No	No
	Fort Pierce Central High School	Business, Management and Administration	No	Yes	No
	Fort Pierce Central High School	Hospitality and Tourism	No	No	No
	Fort Pierce Central High School	Architecture and Construction	Yes	No	Yes
	Fort Pierce Central High School	Transportation, Distribution, and Logistics	Yes	Yes	Yes
	Fort Pierce Central High School	Marketing, Sales, and Service	Yes	Yes	No
	Fort Pierce Central High School	Health Science	Yes	Yes	No
	Fort Pierce Central High School	Law, Public Safety, and Security	Yes	No	No
	Fort Pierce Central High School	Information Technology	Yes	Yes	No
	Fort Pierce Central High School	Culinary Arts	No	No	Yes

District	School	Career Theme	Certification Type		
			Teacher	Student	Program
St. Lucie <i>(continued)</i>	Fort Pierce Westwood High School	Architecture and Construction	Yes	No	No
	Fort Pierce Westwood High School	Architecture and Construction	No	No	No
	Fort Pierce Westwood High School	Health Science	Yes	No	No
	Fort Pierce Westwood High School	Agriculture, Food, and Natural Resources	No	No	No
	Fort Pierce Westwood High School	Culinary Arts	Yes	Yes	Yes
	Fort Pierce Westwood High School	Information Technology	No	Yes	Yes
	Fort Pierce Westwood High School	Other	Yes	No	No
	Fort Pierce Westwood High School	Marketing, Sales, and Service	No	No	No
	Fort Pierce Westwood High School	Information Technology	No	No	No
	Lincoln Park Academy	Scientific Technology, Engineering, and Mathematics	No	No	No
	Port St. Lucie High School	Culinary Arts	Yes	No	No
	Port St. Lucie High School	Transportation, Distribution, and Logistics	Yes	Yes	No
	Port St. Lucie High School	Business, Management and Administration	No	Yes	No
	Port St. Lucie High School	Health Science	Yes	Yes	No
	Port St. Lucie High School	Architecture and Construction	No	No	No
	Port St. Lucie High School	Architecture and Construction	No	No	No
	St. Lucie West Centennial High	Architecture and Construction	No	No	No
	St. Lucie West Centennial High	Education and Training	Yes	Yes	Yes
	St. Lucie West Centennial High	Information Technology	No	Yes	Yes
	St. Lucie West Centennial High	Business, Management and Administration	No	No	No
	St. Lucie West Centennial High	Arts, Audio/Video Technology and Communications	No	No	No
	St. Lucie West Centennial High	Health Science	Yes	Yes	No
	St. Lucie West Centennial High	Culinary Arts	Yes	Yes	Yes
	St. Lucie West Centennial High	Information Technology	No	No	No
	St. Lucie West Centennial High	Marketing, Sales, and Service	Yes	Yes	No
	St. Lucie West Centennial High	Business, Management and Administration	No	No	No
	St. Lucie West Centennial High	Information Technology	No	No	No
St. Lucie West Centennial High	Law, Public Safety, and Security	No	No	No	
St. Lucie West Centennial High	Transportation, Distribution, and Logistics	Yes	No	Yes	
Volusia	Atlantic High School	Government and Public Administration	No	No	No
	Deland High School	Scientific Technology, Engineering, and Mathematics	No	No	No
	Deltona High School	Health Science	Yes	Yes	Yes
	Deltona High School	Manufacturing	Yes	Yes	Yes
	Mainland High School	Health Science	No	No	No
	Mainland High School	Arts, Audio/Video Technology and Communications	Yes	Yes	Yes
	Mainland High School	Scientific Technology, Engineering, and Mathematics	No	Yes	No
	Mainland High School	Manufacturing	No	Yes	No
	New Smyrna Beach High School	Health Science	Yes	Yes	No
	Pine Ridge High School	Agriculture, Food, and Natural Resources	No	Yes	No
	Seabreeze Senior High School	Culinary Arts	Yes	Yes	Yes
	Seabreeze Senior High School	Transportation, Distribution, and Logistics	No	No	No
	Spruce Creek High School	Financial Services	No	No	Yes

¹Most of the programs listed in this appendix are career academies that operate within schools. However, the CHOICE model in Okaloosa operates career academies at the district level. Okaloosa career academies are available to students from Okaloosa County schools that are not listed here