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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.

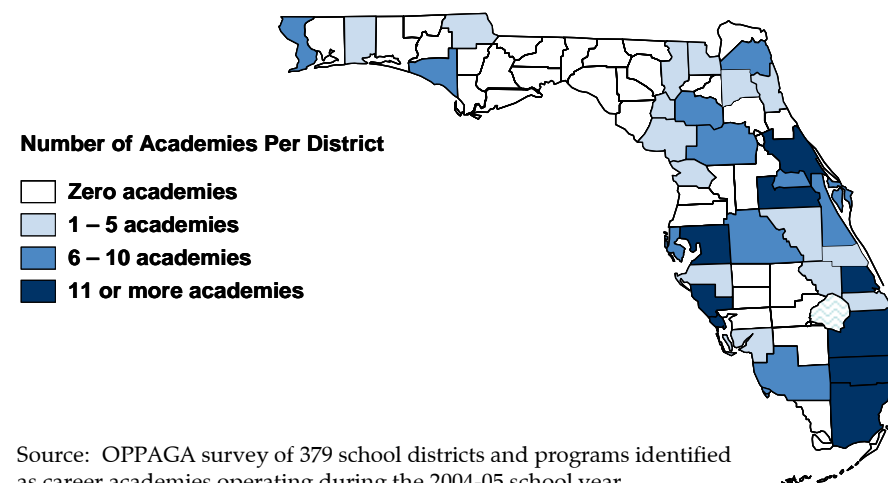
The state's career academies had a generally even distribution of 9th, 10th, 11th, and 12th grade enrollment and most programs had some sort of eligibility requirement; the most common was grade point average. Other entrance criteria included limited discipline and/or suspension referrals, a specific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

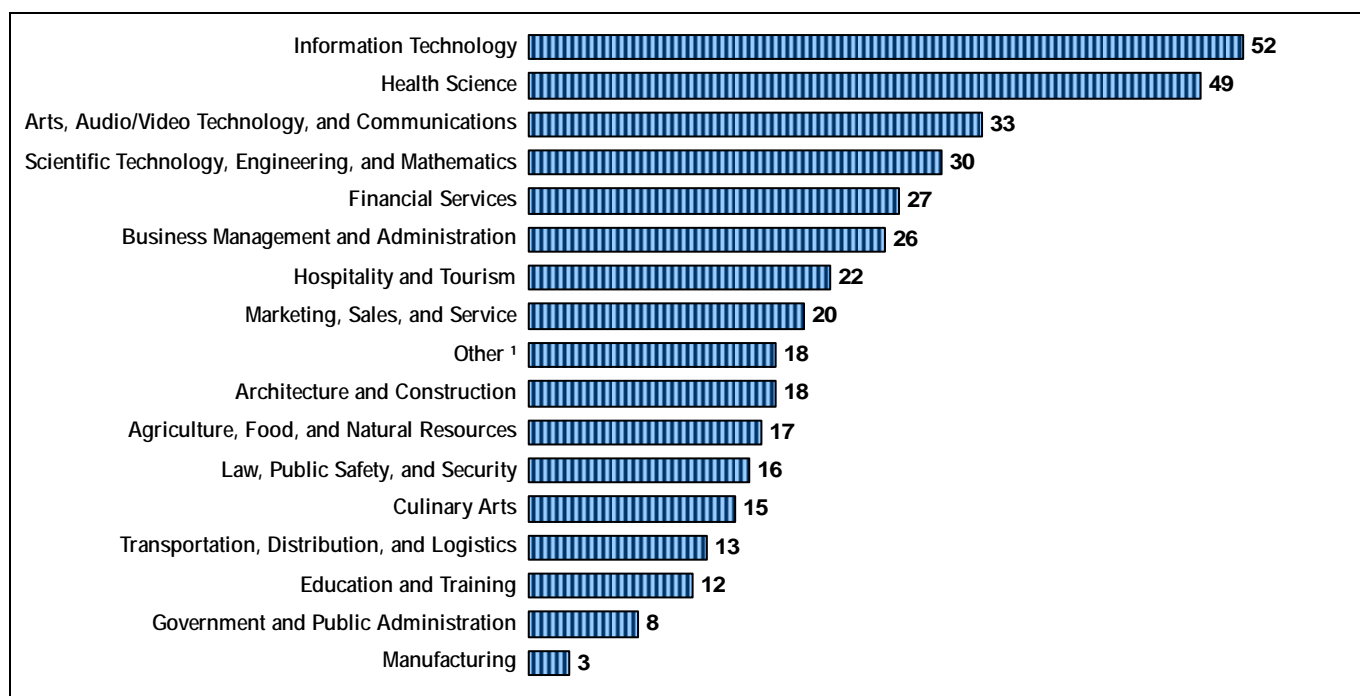
² Of the 379 career academies operating in 2004-05, 351 provided demographic data.

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



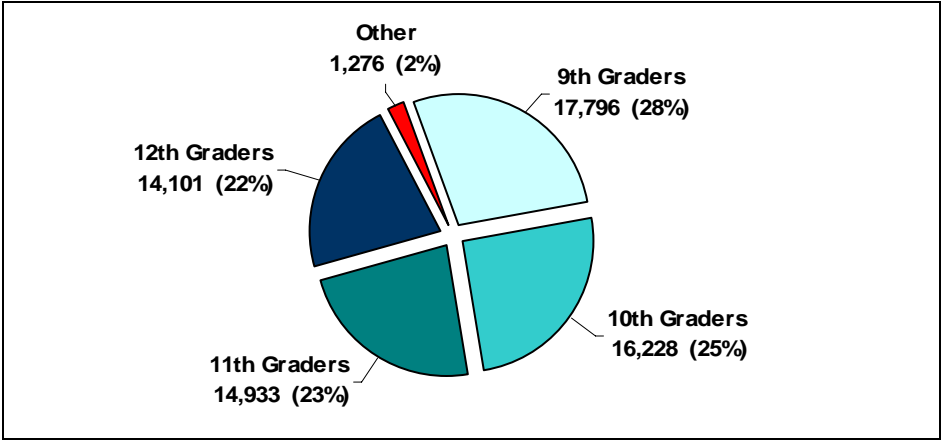
¹ The 'other' category includes 18 (5%) programs such as veterinary assistant and cosmetology that did not fit into other categories.

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

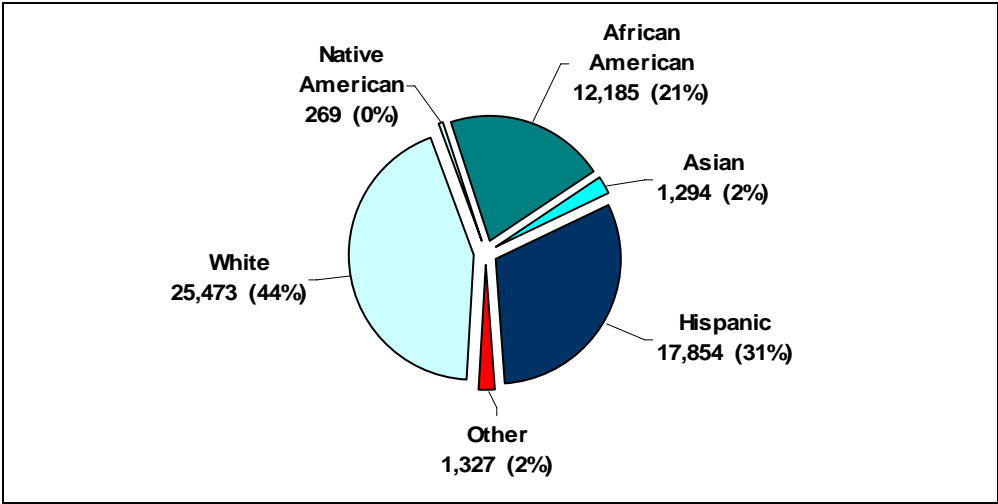


Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

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

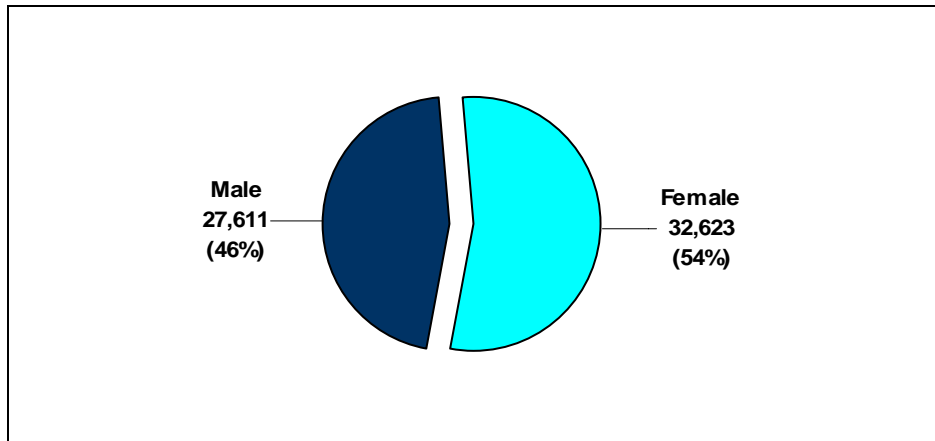


Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

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

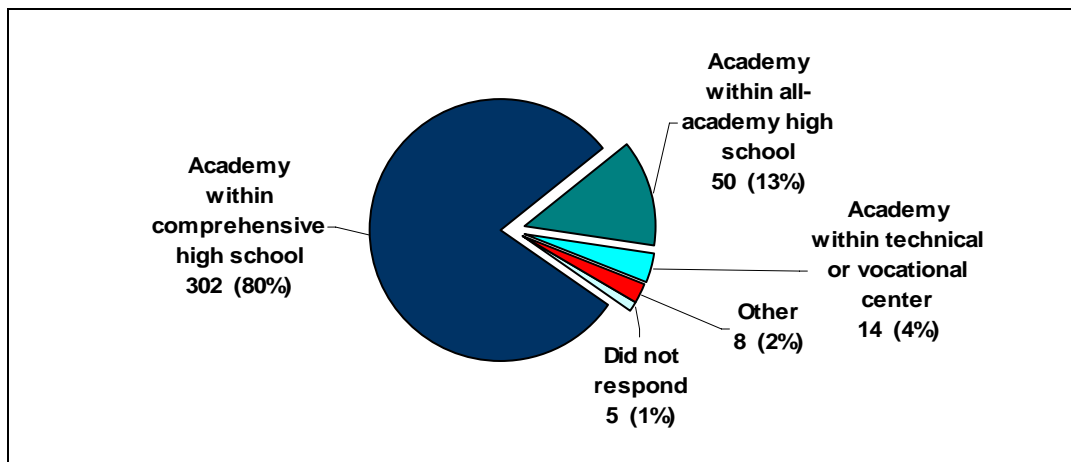


Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

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

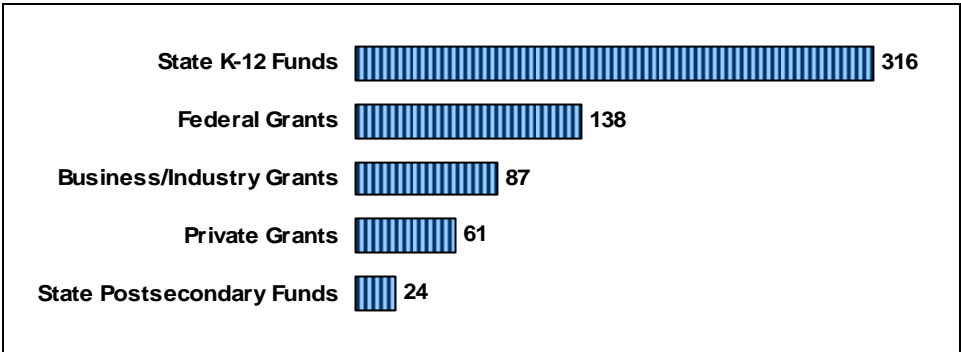


Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

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

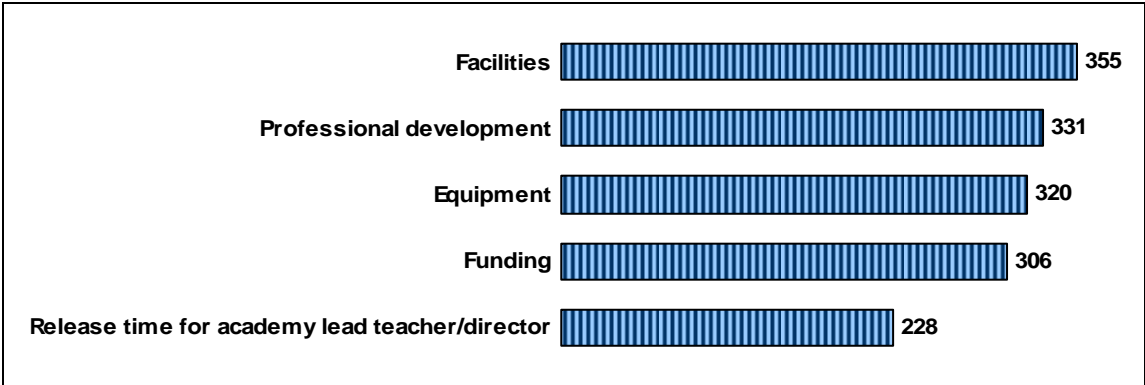


Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

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



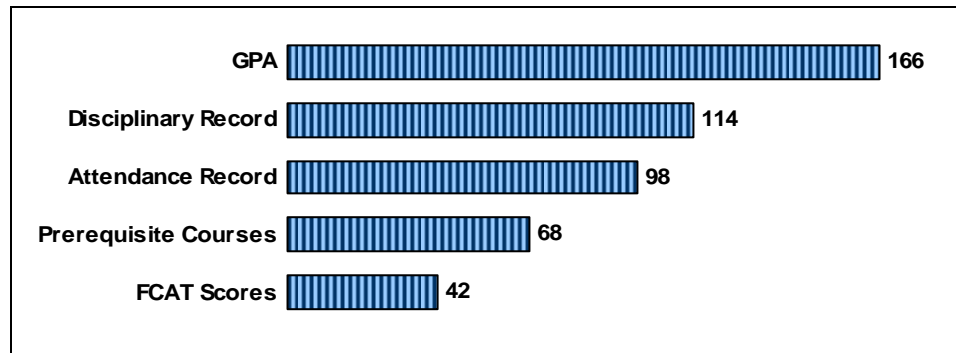
Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

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.

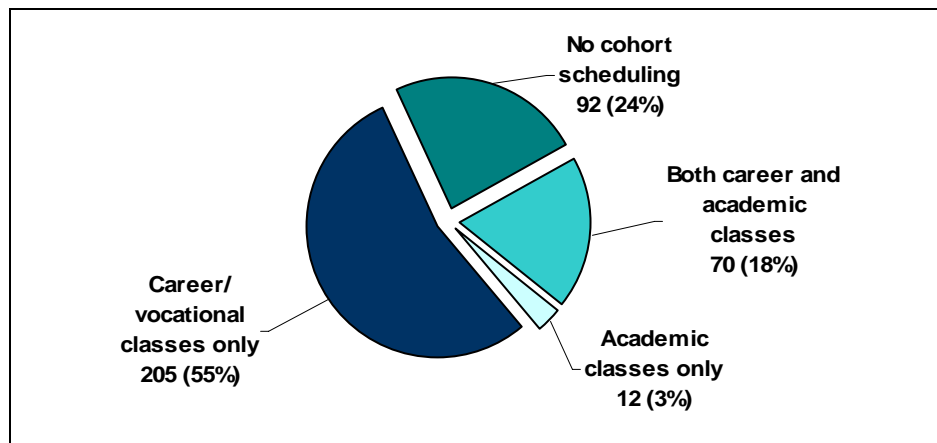
National literature also recommends assigning a guidance counselor to career academy students to facilitate their progression and enhance success. Florida's career academies were not likely to have an assigned guidance counselor. Almost two-thirds of the state's career academies had no assigned guidance 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



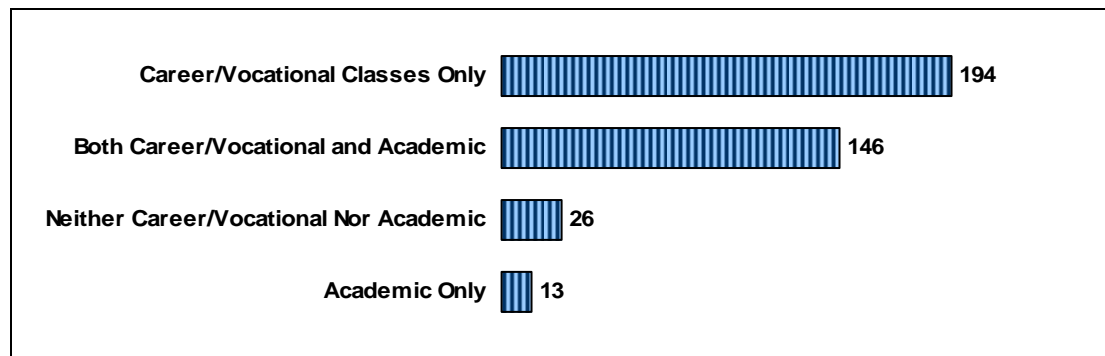
Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

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



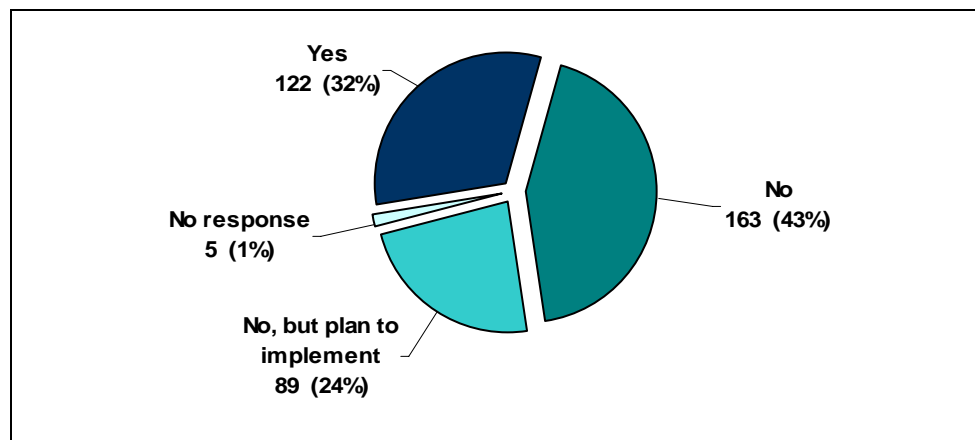
Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

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

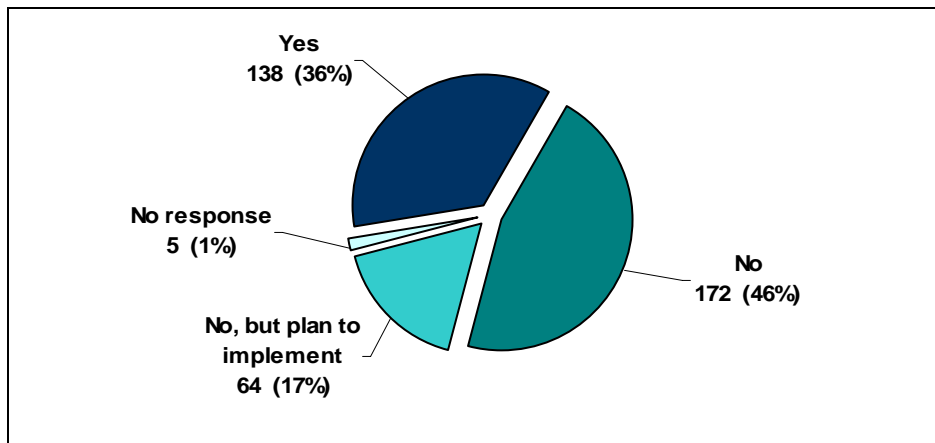


Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

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.

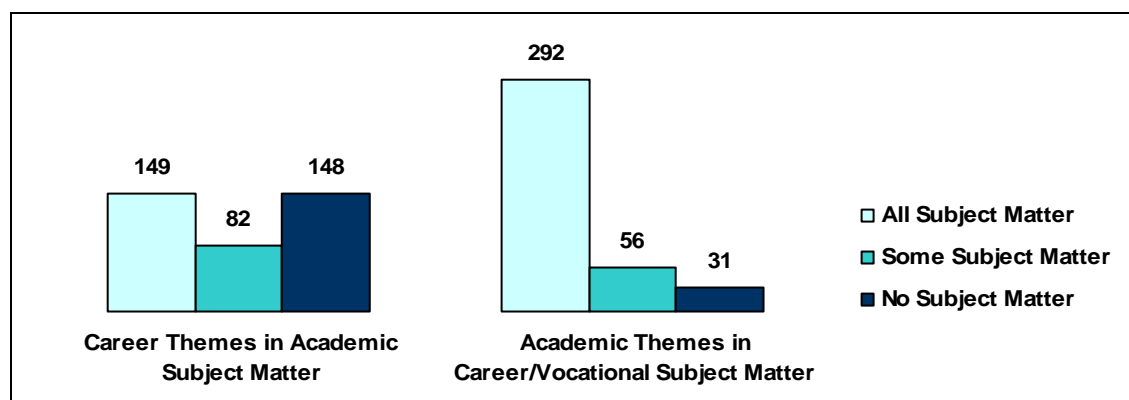
Most career academies provided students with the opportunity to participate in advanced placement and/or dual enrollment courses. Likewise, over three-quarters of programs had course requirements that met state university system admission requirements. Fewer, but still a majority, of programs had designed 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% |

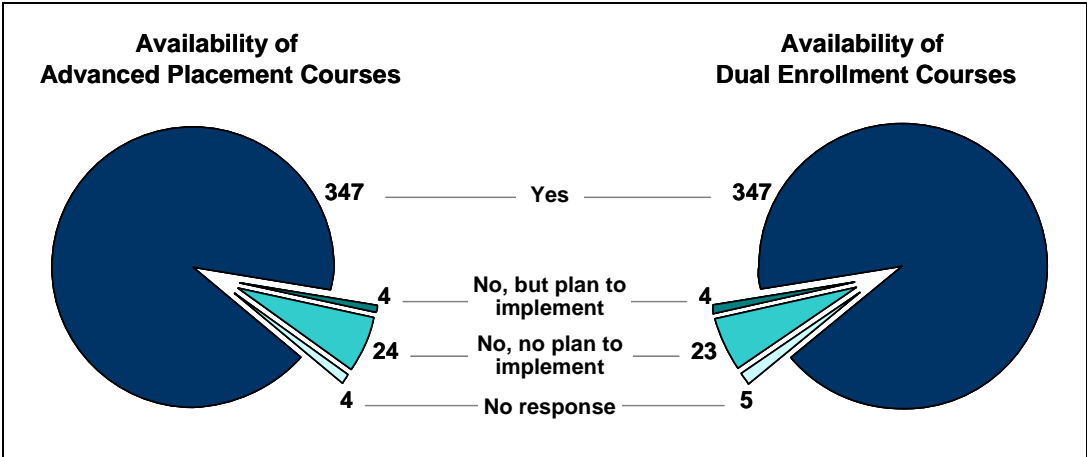
¹ Due to rounding, the percentages total 101%.

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

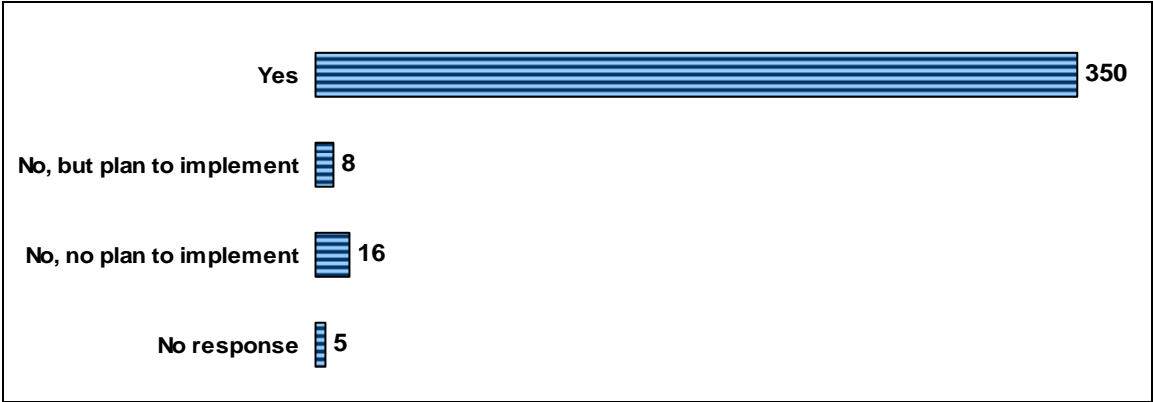


Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

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.

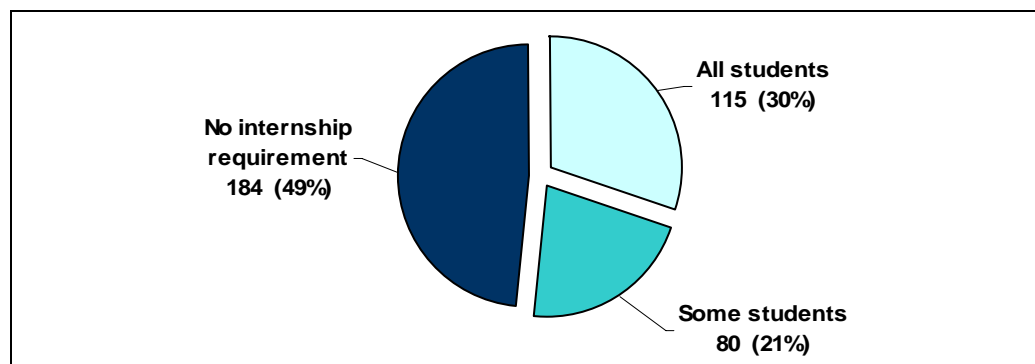
Did career academies require students to complete an internship?

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%) |

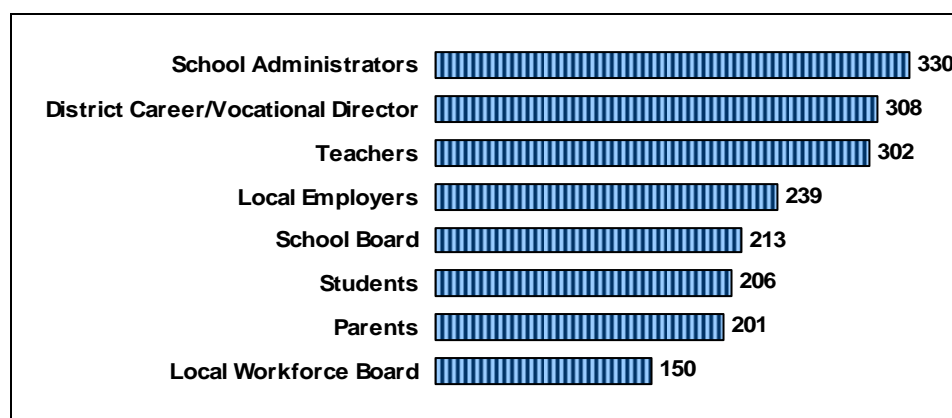
Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

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



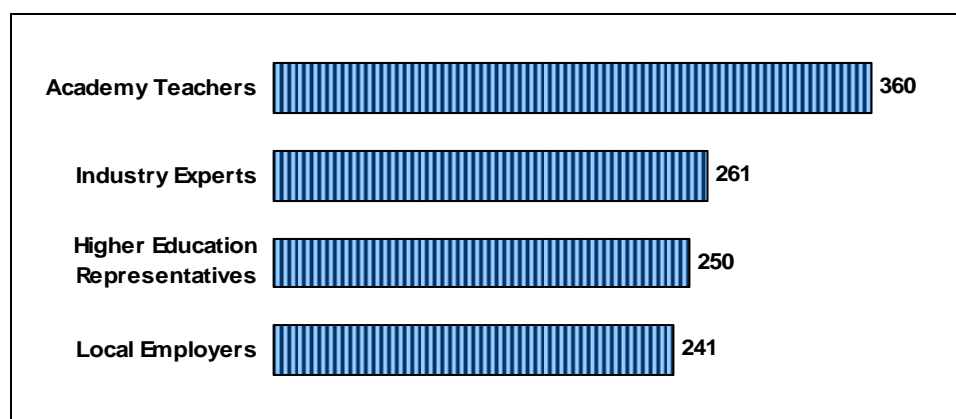
Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

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



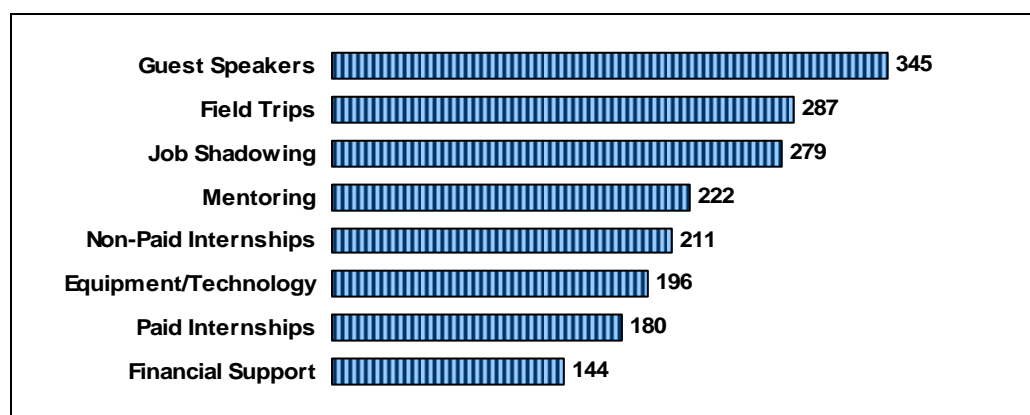
Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

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



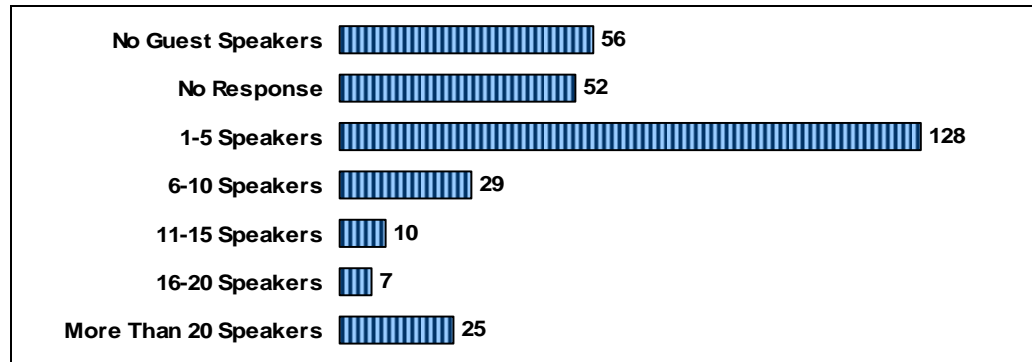
Source: 2005 OPPAGA survey of school districts and programs identified as career academies.

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



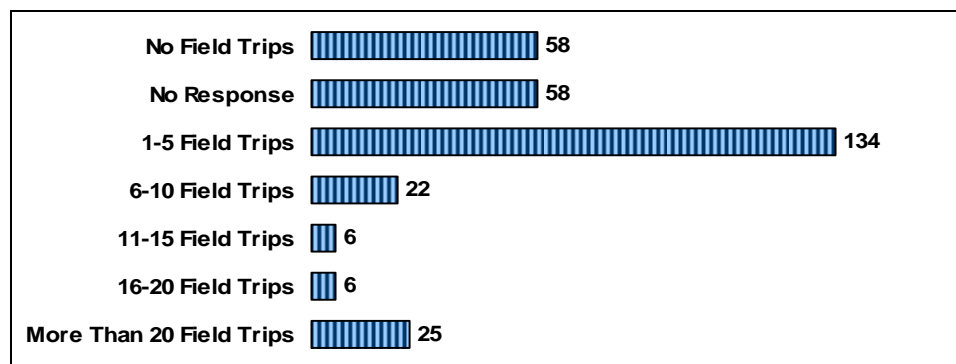
¹ For each grade level, programs that did not report any students for that grade level were removed, thus lowering the N from 379 to 307. The chart represents the average number of guest speakers per grade level, i.e., total number of academies across all grade levels for each number range divided by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

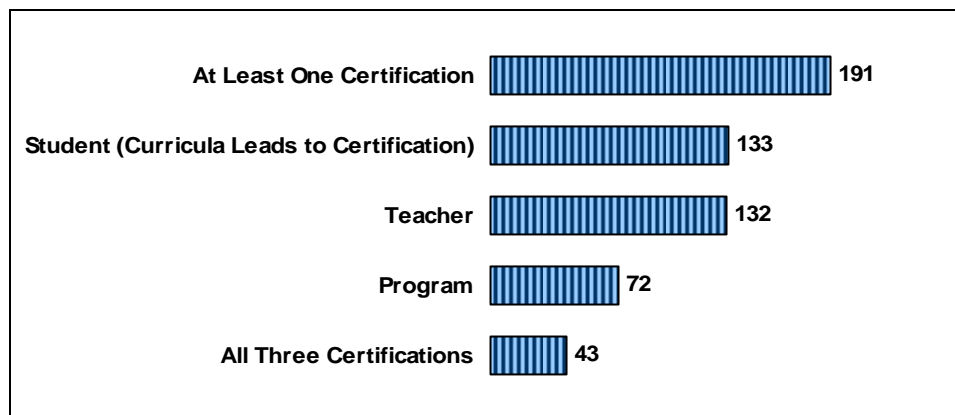
The following questions and answers examine industry certification.

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?

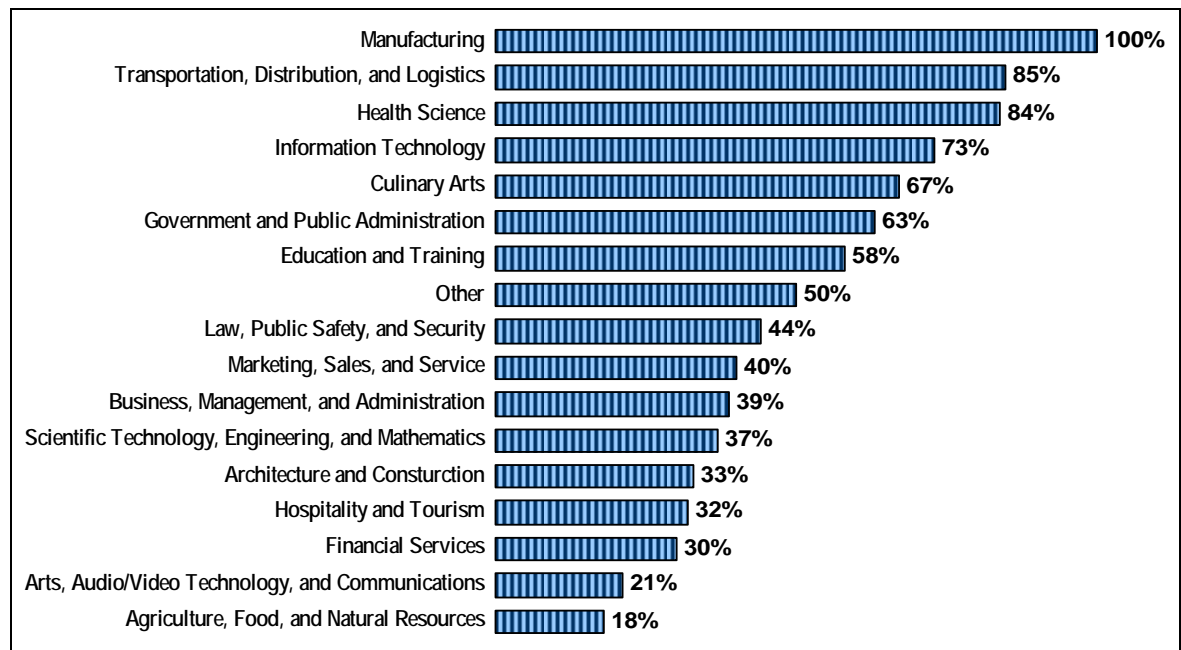
More than one-half (77, or 58%) of the 133 career academies that designed their course sequence to lead to student certification facilitated students taking the certification exam. Forty of these programs reported administering certification exams on campus, while the remaining 37 reported coordinating 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 Loftin High School | Architecture and Construction | No | Yes | No |
| | W. Travis Loftin 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 |
| | Bloomington 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 | Bellevue High School | Other | No | No | No |
| | Bellevue High School | Health Science | Yes | No | No |
| | Bellevue 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 |

¹ Most 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