

Florida Department of Education
Curriculum Framework

Course Title: Orientation to Career and Technical Occupations and Career Planning*
Course Type: Orientation/Exploratory and Career Planning
Career Cluster: Diversified Education

Secondary – Middle School

Course Number	9100110
CIP Number	10989999CE
Grade Level	6-8
Standard Length	Semester
Teacher Certification	Refer to the Course Structure section.
CTSO	BPA, DECA, FBLA-PBL, FCCLA, FFA, FL-TSA, FPSA, HOSA, SkillsUSA

*Effective July 1, 2017, there is no longer a promotion requirement for middle grades students to complete a Career and Education Planning course. However, these courses will continue to be available and should be taught integrating the eight career and education planning course standards. Additional information on the Middle School Career and Education Planning course and the list of standards is available online. The MyCareerShines powered by Kuder® career planning system is available free of charge to all Florida middle and high schools to assist students in exploring career options and developing an academic and career plan.

Purpose

The purpose of this course is to give students an opportunity to apply knowledge and skills related to the area of Diversified Education.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Course Structure

The length of this course is one semester. It may be offered for two semesters when appropriate. When offered for one semester, it is recommended that it be at the exploratory level and more in-depth when offered for two semesters.

To teach the course listed below, instructors must hold at least one of the teacher certifications indicated for that course.

The following table illustrates the course structure:

Course Number	Course Title	Teacher Certification	Length
9100110	Orientation to Career and Technical Occupations and Career Planning	ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER ANY VOCATIONAL FIELD OR COVERAGE	Semester

Florida Standards for English Language Development (ELD)

English language learners communicate for social and instructional purposes within the school setting. ELD.K12.SI.1.1

English Language Development (ELD) Standards Special Notes:

Teachers are required to provide listening, speaking, reading and writing instruction that allows English language learners (ELL) to communicate for social and instructional purposes within the school setting. For the given level of English language proficiency and with visual, graphic, or interactive support, students will interact with grade level words, expressions, sentences and discourse to process or produce language necessary for academic success. The ELD standard should specify a relevant content area concept or topic of study chosen by curriculum developers and teachers which maximizes an ELL's need for communication and social skills. For additional information on the development and implementation of the ELD standards, please contact the Bureau of Student Achievement through Language Acquisition.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Identify the resources and technology for career planning.
- 02.0 Identify available career and technical employment opportunities.
- 03.0 Identify components of self-understanding.
- 04.0 Define and demonstrate cognitive skills.
- 05.0 Identify and apply a variety of learning techniques and styles.
- 06.0 Develop effective communication skills.
- 07.0 Demonstrate leadership skills.
- 08.0 Demonstrate workplace readiness skills.

Listed below are the eight career and education planning course standards.

- 09.0 Describe the influences that societal, economic, and technological changes have on employment trends and future training.
- 10.0 Develop skills to locate, evaluate, and interpret career information.
- 11.0 Identify and demonstrate processes for making short and long term goals.
- 12.0 Demonstrate employability skills such as working in a group, problem-solving and organizational skills, and the importance of entrepreneurship.
- 13.0 Understand the relationship between educational achievement and career choices/postsecondary options.
- 14.0 Identify a career cluster and related pathways through an interest assessment that match career and education goals.
- 15.0 Develop a career and education plan that includes short and long-term goals, high school program of study, and postsecondary/career goals.
- 16.0 Demonstrate knowledge of technology and its application in career fields/clusters.

**Florida Department of Education
Student Performance Standards**

Course Title: Orientation to Career and Technical Occupations
Course Number: 9100110
Course Length: Semester

Course Description:

The purpose of this program is to give students an opportunity to apply knowledge and skills related to the area of Diversified Education.

CTE Standards and Benchmarks	
01.0	Identify the resources and technology for career planning – the student will be able to:
01.01	Using a variety of resources, assess personal abilities, temperaments, interests, values, experiences, personality traits, academic abilities, and work preferences.
01.02	Identify non-traditional career options.
01.03	Identify high skill/high wage occupations requiring specialized training with growth potential for future employment.
01.04	Using assessments and inventories, match results to a career goal.
01.05	Describe the steps involved in planning for education, career, and life goals.
01.06	Develop a career plan to include training/education requirements, tasks/responsibilities, employment prospects, and career/advancement opportunities.
01.07	Discuss advantages/disadvantages of entering the military, attending a trade/technical school, and/or enrolling at a community college/four-year university.
01.08	Begin creating a portfolio of documents for job placement.
02.0	Identify available career and technical employment opportunities – the student will be able to:
02.01	Identify employment opportunities in the area of Agriscience and Natural Resources.
02.02	Identify employment opportunities in the area of Construction.
02.03	Identify employment opportunities in the area of Manufacturing.
02.04	Identify employment opportunities in the area of Logistics, Transportation, and Distribution Services.

CTE Standards and Benchmarks

02.05 Identify employment opportunities in the area of Information Technology Services.

02.06 Identify employment opportunities in the area of Wholesale/Retail Sales and Services.

02.07 Identify employment opportunities in the area of Financial Services.

02.08 Identify employment opportunities in the area of Hospitality and Tourism.

02.09 Identify employment opportunities in the area of Business and Administrative Services.

02.10 Identify employment opportunities in the area of Health Services.

02.11 Identify employment opportunities in the area of Human Services.

02.12 Identify employment opportunities in the area of Arts and Communication Services.

02.13 Identify employment opportunities in the area of Legal and Protective Services.

02.14 Identify employment opportunities in the area of Scientific, Engineering, and Technical Services.

03.0 Identify components of self-understanding – the student will be able to:

03.01 Explain how values are acquired and changed.

03.02 Explain how work is affected by values.

03.03 Identify how individuals from diverse backgrounds offer unique contributions.

03.04 Discuss methods for adapting learning styles to the method of instructional delivery.

04.0 Define and demonstrate cognitive skills – the student will be able to:

04.01 Describe importance of time management to complete tasks accurately and on time.

04.02 Outline strategies for effective time management.

04.03 Describe role and relationship between values, aptitudes, abilities, and goal setting and attainment of academic and occupational skills.

04.04 Set personal goals and develop a plan of action to achieve those goals.

04.05 Identify problems and consequences of meeting goals.

04.06 Describe ways to deal with success and failure.

CTE Standards and Benchmarks

04.07	Exhibit awareness of and respect for others.
04.08	Demonstrate ways to improve test-taking skills, including preparing for standardized tests.
04.09	Explain the steps in decision making.
04.10	Identify the process involved in problem solving.
04.11	Develop an action plan for solving problems and making decisions.
04.12	Identify strategies for building self-esteem and enhancing decision-making skills.
04.13	Demonstrate knowledge of the planning process.
04.14	Demonstrate ability to think creatively and generate new ideas.
04.15	Demonstrate the ability to conduct a systematic analysis of personal strengths and weaknesses.
05.0	Identify and apply a variety of learning techniques and styles – the student will be able to:
05.01	Describe the advantages of good note taking/outlining and listening skills.
05.02	Explain and apply a variety of strategies for knowledge retention of specific data, etc.
05.03	Describe and apply study techniques.
05.04	Discuss and employ a variety of test-taking strategies.
05.05	Discuss the seven intelligences as identified by Howard Gardner (musical, bodily-kinesthetic, logical-mathematical, linguistic, spatial, interpersonal, and intrapersonal).
05.06	Discuss styles of learning as identified by Anthony Gregorc (concrete sequential, abstract sequential, abstract random, concrete random).
05.07	Identify learning style as auditory language, visual language, auditory numerical, visual numerical, and/or auditory-visual-kinesthetic combination.
06.0	Develop effective communication skills – the student will be able to:
06.01	Identify the effectiveness of assertive, aggressive, and passive communication.
06.02	Dramatize the impact of non-verbal behavior on communication.
06.03	Develop ways to provide effective feedback and deal with criticism.
06.04	Describe the importance of the proper use of grammar, vocabulary, diction, and etiquette.

CTE Standards and Benchmarks

06.05 Demonstrate ability to communicate in a multicultural setting.

06.06 Demonstrate ability to listen to, follow, and provide directions.

06.07 Participate in group and committee discussions to reach group consensus.

06.08 Write, edit, and revise a communication so that it presents information in a clear, correct, concise, complete, consistent, and courteous manner.

07.0 Demonstrate leadership skills – the student will be able to:

07.01 Demonstrate ability to negotiate, resolve conflict through peer mediation, handle stress, deal with undesirable behavior in others, share in task accomplishment, and build positive working relationships with others.

07.02 Identify characteristics of a leader and team member.

07.03 Define and practice brainstorming.

07.04 Describe the use of teams to increase productivity.

07.05 Demonstrate business and social etiquette.

08.0 Demonstrate workplace readiness skills – the student will be able to:

08.01 Identify resources used in a job search.

08.02 Discuss importance of drug tests and criminal background checks in identifying possible employment options.

08.03 Identify steps of the job application process including arranging for references and proper documentation (e.g., green card).

08.04 Demonstrate appropriate dress and grooming for employment.

08.05 Identify documents that may be required when applying for a job.

08.06 Prepare a résumé (electronic and traditional), letter of application, follow-up letter, acceptance/rejection letter, letter of resignation, letter of recommendation.

08.07 Complete a job application form neatly, legibly, and error free.

08.08 Demonstrate competence in job interview techniques (behavioral).

Listed below are the eight career and education planning course standards:

The student will be able to:

CTE Standards and Benchmarks

09.0	Describe the influences that societal, economic, and technological changes have on employment trends and future training.
10.0	Develop skills to locate, evaluate, and interpret career information.
11.0	Identify and demonstrate processes for making short and long term goals.
12.0	Demonstrate employability skills such as working in a group, problem-solving and organizational skills, and the importance of entrepreneurship.
13.0	Understand the relationship between educational achievement and career choices/postsecondary options.
14.0	Identify a career cluster and related pathways through an interest assessment that match career and education goals.
15.0	Develop a career and education plan that includes short and long-term goals, high school program of study, and postsecondary/career goals.
16.0	Demonstrate knowledge of technology and its application in career fields/clusters.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

MyCareerShines is an interactive resource to assist students in identifying their ideal career and to enhance preparation for employment. Teachers are encouraged to integrate this resource into the program curriculum to meet the employability goals for each student.

Career and Technical Student Organization (CTSO)

The following list identifies the appropriate career and technical student organizations for providing leadership training and reinforcing specific career and technical skills: Business Professionals of America (BPA); DECA; Family, Career and Community Leaders of America (FCCLA); FFA; Florida Public Service Association (FPSA); Florida Technology Student Association (FL-TSA); Future Business Leaders of America – Phi Beta Lambda (FBLA-PBL); HOSA – Future Health Professionals (HOSA); SkillsUSA. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities as identified on the secondary student's Individual Educational Plan (IEP) or 504 plan or postsecondary student's accommodations' plan to meet individual needs and ensure equal access. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

In addition to accommodations, some secondary students with disabilities (students with an IEP served in Exceptional Student Education (ESE)) will need modifications to meet their needs. Modifications change the outcomes or what the student is expected to learn, e.g., modifying the curriculum of a secondary career and technical education course. Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Florida Department of Education
Curriculum Framework

Course Title: Exploration of Career and Technical Occupations
Course Type: Orientation/Exploratory
Career Cluster: Diversified Education

Secondary – Middle School

Course Number	9100210
CIP Number	10989999EX
Grade Level	6-8
Standard Length	Semester
Teacher Certification	Refer to the <u>Course Structure</u> section.
CTSO	N/A

Purpose

The purpose of this course is to give students an opportunity to apply knowledge and skills related to the area of Exploration of Career and Technical Occupations. To give students initial exposure to the skills and attitudes associated with occupations in a diverse range of careers.

The content of this course will consist of the content contained in two or more existing exploration courses and may include instruction in making a career choice and the basic employability skills needed to locate, secure, and maintain employment.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Course Structure

The length of this course is one semester. It may be offered for two semesters when appropriate. When offered for one semester, it is recommended that it be at the exploratory level and more in-depth when offered for two semesters.

To teach the course listed below, instructors must hold at least one of the teacher certifications indicated for that course.

The following table illustrates the course structure:

Course Number	Course Title	Teacher Certification	Length
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Course Number	Course Title	Teacher Certification	Length
9100210	Exploration of Career and Technical Occupations	ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER ANY VOCATIONAL FIELD OR COOR WK EXP @7 7G	Semester

Florida Standards for English Language Development (ELD)

English language learners communicate for social and instructional purposes within the school setting. ELD.K12.SI.1.1

English Language Development (ELD) Standards Special Notes:

Teachers are required to provide listening, speaking, reading and writing instruction that allows English language learners (ELL) to communicate for social and instructional purposes within the school setting. For the given level of English language proficiency and with visual, graphic, or interactive support, students will interact with grade level words, expressions, sentences and discourse to process or produce language necessary for academic success. The ELD standard should specify a relevant content area concept or topic of study chosen by curriculum developers and teachers which maximizes an ELL's need for communication and social skills. For additional information on the development and implementation of the ELD standards, please contact the Bureau of Student Achievement through Language Acquisition.

Standards

The intended outcomes for this course will be those outcomes that are selected from other exploration courses and may also include instruction in making a career choice and in the basic employability skills needed to locate, secure, and maintain employment.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

MyCareerShines is an interactive resource to assist students in identifying their ideal career and to enhance preparation for employment. Teachers are encouraged to integrate this resource into the program curriculum to meet the employability goals for each student.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities as identified on the secondary student's Individual Educational Plan (IEP) or 504 plan or postsecondary student's accommodations' plan to meet individual needs and ensure equal access. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

In addition to accommodations, some secondary students with disabilities (students with an IEP served in Exceptional Student Education (ESE)) will need modifications to meet their needs. Modifications change the outcomes or what the student is expected to learn, e.g., modifying the curriculum of a secondary career and technical education course. Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Florida Department of Education
Curriculum Framework

Course Title: Orientation to Career and Technical Occupations
Course Type: Orientation/Exploratory
Career Cluster: Diversified Education

Secondary – Middle School

Course Number	9100310
CIP Number	10989999OR
Grade Level	6-8
Standard Length	Semester
Teacher Certification	Refer to the Course Structure section.
CTSO	BPA, DECA, FBLA-PBL, FCCLA, FFA, FL-TSA, FPSA, HOSA, SkillsUSA

Purpose

The purpose of this course is to give students an opportunity to apply knowledge and skills related to the area of Orientation to Career and Technical Occupations.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Course Structure

The length of this course is one semester. It may be offered for two semesters when appropriate. When offered for one semester, it is recommended that it be at the exploratory level and more in-depth when offered for two semesters.

To teach the course listed below, instructors must hold at least one of the teacher certifications indicated for that course.

The following table illustrates the course structure:

Course Number	Course Title	Teacher Certification	Length
9100310	Orientation to Career and Technical Occupations	ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER ANY VOCATIONAL FIELD OR COVERAGE	Semester

Florida Standards for English Language Development (ELD)

English language learners communicate for social and instructional purposes within the school setting. ELD.K12.SI.1.1

English Language Development (ELD) Standards Special Notes:

Teachers are required to provide listening, speaking, reading and writing instruction that allows English language learners (ELL) to communicate for social and instructional purposes within the school setting. For the given level of English language proficiency and with visual, graphic, or interactive support, students will interact with grade level words, expressions, sentences and discourse to process or produce language necessary for academic success. The ELD standard should specify a relevant content area concept or topic of study chosen by curriculum developers and teachers which maximizes an ELL's need for communication and social skills. For additional information on the development and implementation of the ELD standards, please contact the Bureau of Student Achievement through Language Acquisition.

Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Identify the resources and technology for career planning.
- 02.0 Identify available career and technical employment opportunities.
- 03.0 Identify components of self-understanding.
- 04.0 Define and demonstrate cognitive skills.
- 05.0 Identify and apply a variety of learning techniques and styles.
- 06.0 Develop effective communication skills.
- 07.0 Demonstrate leadership skills.
- 08.0 Demonstrate workplace readiness skills.

**Florida Department of Education
Student Performance Standards**

Course Title: **Orientation to Career and Technical Occupations**
Course Number: **9100310**
Course Length: **Semester**

CTE Standards and Benchmarks	
01.0	Identify the resources and technology for career planning – the student will be able to:
01.01	Using a variety of resources, assess personal abilities, temperaments, interests, values, experiences, personality traits, academic abilities, and work preferences.
01.02	Identify non-traditional career options.
01.03	Identify high skill/high wage occupations requiring specialized training with growth potential for future employment.
01.04	Using assessments and inventories, match results to a career goal.
01.05	Describe the steps involved in planning for education, career, and life goals.
01.06	Develop a career plan to include training/education requirements, tasks/responsibilities, employment prospects, and career/advancement opportunities.
01.07	Discuss advantages/disadvantages of entering the military, attending a trade/technical school, and/or enrolling at a community college/four-year university.
01.08	Begin creating a portfolio of documents for job placement.
02.0	Identify available career and technical employment opportunities – the student will be able to:
02.01	Identify employment opportunities in the area of Agriscience and Natural Resources.
02.02	Identify employment opportunities in the area of Construction.
02.03	Identify employment opportunities in the area of Manufacturing.
02.04	Identify employment opportunities in the area of Logistics, Transportation, and Distribution Services.
02.05	Identify employment opportunities in the area of Information Technology Services.
02.06	Identify employment opportunities in the area of Wholesale/Retail Sales and Services.
02.07	Identify employment opportunities in the area of Financial Services.

CTE Standards and Benchmarks

02.08 Identify employment opportunities in the area of Hospitality and Tourism.

02.09 Identify employment opportunities in the area of Business and Administrative Services.

02.10 Identify employment opportunities in the area of Health Services.

02.11 Identify employment opportunities in the area of Human Services.

02.12 Identify employment opportunities in the area of Arts and Communication Services.

02.13 Identify employment opportunities in the area of Legal and Protective Services.

02.14 Identify employment opportunities in the area of Scientific, Engineering, and Technical Services.

03.0 Identify components of self-understanding – the student will be able to:

03.01 Explain how values are acquired and changed.

03.02 Explain how work is affected by values.

03.03 Identify how individuals from diverse backgrounds offer unique contributions.

03.04 Discuss methods for adapting learning styles to the method of instructional delivery.

04.0 Define and demonstrate cognitive skills – the student will be able to:

04.01 Describe importance of time management to complete tasks accurately and on time.

04.02 Outline strategies for effective time management.

04.03 Describe role and relationship between values, aptitudes, abilities, and goal setting and attainment of academic and occupational skills.

04.04 Set personal goals and develop a plan of action to achieve those goals.

04.05 Identify problems and consequences of meeting goals.

04.06 Describe ways to deal with success and failure.

04.07 Exhibit awareness of and respect for others.

04.08 Demonstrate ways to improve test-taking skills, including preparing for standardized tests.

04.09 Explain the steps in decision-making.

CTE Standards and Benchmarks

04.10 Identify the process involved in problem solving.

04.11 Develop an action plan for solving problems and making decisions.

04.12 Identify strategies for building self-esteem and enhancing decision-making skills.

04.13 Demonstrate knowledge of the planning process.

04.14 Demonstrate ability to think creatively and generate new ideas.

04.15 Demonstrate the ability to conduct a systematic analysis of personal strengths and weaknesses.

05.0 Identify and apply a variety of learning techniques and styles – the student will be able to:

05.01 Describe the advantages of good note taking/outlining and listening skills.

05.02 Explain and apply a variety of strategies for knowledge retention of specific data, etc.

05.03 Describe and apply study techniques.

05.04 Discuss and employ a variety of test-taking strategies.

05.05 Discuss the seven intelligences as identified by Howard Gardner (musical, bodily-kinesthetic, logical-mathematical, linguistic, spatial, interpersonal, intrapersonal).

05.06 Discuss styles of learning as identified by Anthony Gregorc (concrete sequential, abstract sequential, abstract random, concrete random).

05.07 Identify learning style as auditory language, visual language, auditory numerical, visual numerical, and/or auditory-visual-kinesthetic combination.

06.0 Develop effective communication skills – the student will be able to:

06.01 Identify the effectiveness of assertive, aggressive, and passive communication.

06.02 Dramatize the impact of non-verbal behavior on communication.

06.03 Develop ways to provide effective feedback and deal with criticism.

06.04 Describe the importance of the proper use of grammar, vocabulary, diction, and etiquette.

06.05 Demonstrate ability to communicate in a multicultural setting.

06.06 Demonstrate ability to listen to, follow, and provide directions.

06.07 Participate in group and committee discussions to reach group consensus.

CTE Standards and Benchmarks

06.08 Write, edit, and revise a communication so that it presents information in a clear, correct, concise, complete, consistent, and courteous manner.

07.0 Demonstrate leadership skills – the student will be able to:

07.01 Demonstrate ability to negotiate, resolve conflict through peer mediation, handle stress, deal with undesirable behavior in others, share in task accomplishment, and build positive working relationships with others.

07.02 Identify characteristics of a leader and team member.

07.03 Define and practice brainstorming.

07.04 Describe the use of teams to increase productivity.

07.05 Demonstrate business and social etiquette.

08.0 Demonstrate workplace readiness skills – the student will be able to:

08.01 Identify resources used in a job search.

08.02 Discuss importance of drug tests and criminal background checks in identifying possible employment options.

08.03 Identify steps of the job application process including arranging for references and proper documentation (e.g., green card).

08.04 Demonstrate appropriate dress and grooming for employment.

08.05 Identify documents that may be required when applying for a job.

08.06 Prepare a résumé (electronic and traditional), letter of application, follow-up letter, acceptance/rejection letter, letter of resignation, letter of recommendation.

08.07 Complete a job application form neatly, legibly, and error free.

08.08 Demonstrate competence in job interview techniques (behavioral).

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

MyCareerShines is an interactive resource to assist students in identifying their ideal career and to enhance preparation for employment. Teachers are encouraged to integrate this resource into the program curriculum to meet the employability goals for each student.

Career and Technical Student Organization (CTSO)

The following list identifies the appropriate career and technical student organizations for providing leadership training and reinforcing specific career and technical skills: Business Professionals of America (BPA); DECA; Family, Career and Community Leaders of America (FCCLA); FFA; Florida Public Service Association (FPSA); Florida Technology Student Association (FL-TSA); Future Business Leaders of America – Phi Beta Lambda (FBLA-PBL); HOSA – Future Health Professionals (HOSA); SkillsUSA. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities as identified on the secondary student's Individual Educational Plan (IEP) or 504 plan or postsecondary student's accommodations' plan to meet individual needs and ensure equal access. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

In addition to accommodations, some secondary students with disabilities (students with an IEP served in Exceptional Student Education (ESE)) will need modifications to meet their needs. Modifications change the outcomes or what the student is expected to learn, e.g., modifying the curriculum of a secondary career and technical education course. Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Florida Department of Education
Curriculum Framework

Course Title: Orientation to Career Clusters
Course Type: Orientation/Exploratory

Secondary – Middle School

Course Number	8000400
CIP Number	1498999907
Grade Level	6 – 8
Standard Length	Semester
Teacher Certification	Refer to the Course Structure section.
CTSO	Any CTSO as appropriate

Purpose

The purpose of this course is to assist students in making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in the seventeen career clusters. This course is a compilation of modules for each of the seventeen career clusters and is designed to provide flexibility in course offerings. Any number of modules can be selected to comprise a course that meets the needs of the students.

The content includes, but is not limited to, the orientation of students to career pathways in the career and technical education field. Reinforcement of academic skills occurs through classroom instruction and applied laboratory procedures. This course is recommended for students in the sixth grade, but not required.

Instruction and learning activities are provided in a laboratory setting using hands-on experiences with the equipment, materials and technology appropriate to the course content and in accordance with current practices.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Course Structure

The length of this course is one semester. It may be offered for two semesters when appropriate. When offered for one semester, it is recommended that it be at the exploratory level and more in-depth when offered for two semesters.

To teach the course(s) listed below, instructors must hold at least one of the teacher certifications indicated for that course.

The following table illustrates the course structure:

Course Number	Course Title	Teacher Certification	Length
8000400	Orientation to Career Clusters	ANY FIELD	Semester

Florida Standards for English Language Development (ELD)

English language learners communicate for social and instructional purposes within the school setting. ELD.K12.SI.1.1

English Language Development (ELD) Standards Special Notes:

Teachers are required to provide listening, speaking, reading and writing instruction that allows English language learners (ELL) to communicate for social and instructional purposes within the school setting. For the given level of English language proficiency and with visual, graphic, or interactive support, students will interact with grade level words, expressions, sentences and discourse to process or produce language necessary for academic success. The ELD standard should specify a relevant content area concept or topic of study chosen by curriculum developers and teachers which maximizes an ELL's need for communication and social skills. For additional information on the development and implementation of the ELD standards, please contact the Bureau of Student Achievement through Language Acquisition.

Standards

After successfully completing this course, the student will be able to perform the following:

- 01.0 Identify Florida's seventeen career clusters.
- 02.0 Identify and explore careers in the Agriculture, Food & Natural Resources cluster.
- 03.0 Identify and explore careers in the Architecture & Construction cluster.
- 04.0 Identify and explore careers in the Arts, A/V Technology & Communication cluster.
- 05.0 Identify and explore careers in the Business Management & Administration cluster.
- 06.0 Identify and explore careers in the Education & Training cluster.
- 07.0 Identify and explore careers in the Energy cluster.
- 08.0 Identify and explore careers in the Finance cluster.
- 09.0 Identify and explore careers in the Government & Public Administration cluster.
- 10.0 Identify and explore careers in the Health Science cluster.
- 11.0 Identify and explore careers in the Hospitality and Tourism cluster.
- 12.0 Identify and explore careers in the Human Services cluster.
- 13.0 Identify and explore careers in the Information Technology cluster.
- 14.0 Identify and explore careers in the Law, Public Safety & Security cluster.
- 15.0 Identify and explore careers in the Manufacturing cluster.
- 16.0 Identify and explore careers in the Marketing, Sales & Service cluster.
- 17.0 Identify and explore careers in the Engineering and Technology Education cluster.
- 18.0 Identify and explore careers in the Transportation, Distribution & Logistics cluster.
- 19.0 Describe leadership skills.

**Florida Department of Education
Student Performance Standards**

Course Title: Orientation to Career Clusters
Course Number: 8000400
Course Credit: Semester

Course Description:

This course is a broad overview of the seventeen career clusters offered in Florida. This course provides hands-on introductory activities for each career cluster as well as opportunities to acquire and demonstrate beginning leadership skills.

CTE Standards and Benchmarks	
01.0	Identify Florida’s seventeen career clusters – the student will be able to:
01.01	List Florida’s seventeen career clusters.
01.02	Research the national career clusters website.
01.03	Identify the Career and Technical Student Organizations (CTSO) appropriate for Career and Technical Education (CTE) programs.
01.04	Explain the purpose of a CTSO.
02.0	Identify and explore careers in the Agriculture, Food & Natural Resources cluster – the student will be able to:
02.01	Identify the pathways in the Agriculture, Food & Natural Resources career cluster and the careers in each pathway.
02.02	Describe the types of places that employ individuals who have careers in the Agriculture, Food & Natural Resources career cluster.
02.03	Describe the variety of tasks performed by individuals who have careers in the Agriculture, Food & Natural Resources career cluster.
02.04	List the skills, abilities, and talents needed for careers in the Agriculture, Food & Natural Resources career cluster.
02.05	Identify the level of training and education required for careers in the Agriculture, Food & Natural Resources career cluster.
02.06	Research a career in the Agriculture, Food & Natural Resources career cluster and present findings to the class.
02.07	Apply math, science, and reading skills in the completion of a project or activity related to the Agriculture, Food & Natural Resources career cluster.
03.0	Identify and explore careers in the Architecture & Construction cluster – the student will be able to:
03.01	Identify the pathways in the Architecture & Construction career cluster and the careers in each pathway.

CTE Standards and Benchmarks

03.02 Describe the types of places that employ individuals who have careers in the Architecture & Construction career cluster.

03.03 Describe the variety of tasks performed by individuals who have careers in the Architecture & Construction career cluster.

03.04 List the skills, abilities, and talents needed for careers in the Architecture & Construction career cluster.

03.05 Identify the level of training and education required for careers in the Architecture & Construction career cluster.

03.06 Research a career in the Architecture & Construction career cluster and present findings to the class.

03.07 Apply math, science, and reading skills in the completion of a project or activity related to the Architecture & Construction career cluster.

04.0 Identify and explore careers in the Arts, A/V Technology & Communication cluster – the student will be able to:

04.01 Identify the pathways in the Arts, A/V Technology & Communication career cluster and the careers in each pathway.

04.02 Describe the types of places that employ individuals who have careers in the Arts, A/V Technology & Communication career cluster.

04.03 Describe the variety of tasks performed by individuals who have careers in the Arts, A/V Technology & Communication career cluster.

04.04 List the skills, abilities, and talents needed for careers in the Arts, A/V Technology & Communication career cluster.

04.05 Identify the level of training and education required for careers in the Arts, A/V Technology & Communication career cluster.

04.06 Research a career in the Arts, A/V Technology & Communication career cluster and present findings to the class.

04.07 Apply math, science, and reading skills in the completion of a project or activity related to the Arts, A/V Technology & Communication career cluster.

05.0 Identify and explore careers in the Business, Management & Administration cluster – the student will be able to:

05.01 Identify the pathways in the Business, Management & Administration career cluster and the careers in each pathway.

05.02 Describe the types of places that employ individuals who have careers in the Business Management & Administration career cluster.

05.03 Describe the variety of tasks performed by individuals who have careers in the Business Management & Administration career cluster.

05.04 List the skills, abilities, and talents needed for careers in the Business Management & Administration career cluster.

05.05 Identify the level of training and education required for careers in the Business Management & Administration career cluster.

05.06 Research a career in the Business Management & Administration career cluster and present findings to the class.

05.07 Apply math, science, and reading skills in the completion of a project or activity related to the Business Management & Administration career cluster.

CTE Standards and Benchmarks

06.0 Identify and explore careers in the Education & Training cluster – the student will be able to:

06.01 Identify the pathways in the Education & Training career cluster and the careers in each pathway.

06.02 Describe the types of places that employ individuals who have careers in the Education & Training career cluster.

06.03 Describe the variety of tasks performed by individuals who have careers in the Education & Training career cluster.

06.04 List the skills, abilities, and talents needed for careers in the Education & Training career cluster.

06.05 Identify the level of training and education required for careers in the Education & Training career cluster.

06.06 Research a career in the Education & Training career cluster and present findings to the class.

06.07 Apply math, science, and reading skills in the completion of a project or activity related to the Education & Training career cluster.

07.0 Identify and explore careers in the Energy cluster – the student will be able to:

07.01 Identify the pathways in the Energy career cluster and the careers in each pathway.

07.02 Describe the types of places that employ individuals who have careers in the Energy career cluster.

07.03 Describe the variety of tasks performed by individuals who have careers in the Energy career cluster.

07.04 List the skills, abilities, and talents needed for careers in the Energy career cluster.

07.05 Identify the level of training and education required for careers in the Energy career cluster.

07.06 Research a career in the Energy career cluster and present findings to the class.

07.07 Apply math, science, and reading skills in the completion of a project or activity related to the Energy career cluster.

08.0 Identify and explore careers in the Finance cluster – the student will be able to:

08.01 Identify the pathways in the Finance career cluster and the careers in each pathway.

08.02 Describe the types of places that employ individuals who have careers in the Finance career cluster.

08.03 Describe the variety of tasks performed by individuals who have careers in the Finance career cluster.

08.04 List the skills, abilities, and talents needed for careers in the Finance career cluster.

08.05 Identify the level of training and education required for careers in the Finance career cluster.

08.06 Research a career in the Finance career cluster and present findings to the class.

CTE Standards and Benchmarks

08.07 Apply math, science, and reading skills in the completion of a project or activity related to the Finance career cluster.

09.0 Identify and explore careers in the Government & Public Administration cluster – the student will be able to:

09.01 Identify the pathways in the Government & Public Administration career cluster and the careers in each pathway.

09.02 Describe the types of places that employ individuals who have careers in the Government & Public Administration career cluster.

09.03 Describe the variety of tasks performed by individuals who have careers in the Government & Public Administration career cluster.

09.04 List the skills, abilities, and talents needed for careers in the Government & Public Administration career cluster.

09.05 Identify the level of training and education required for careers in the Government & Public Administration career cluster.

09.06 Research a career in the Government & Public Administration career cluster and present findings to the class.

09.07 Apply math, science, and reading skills in the completion of a project or activity related to the Government & Public Administration career cluster.

10.0 Identify and explore careers in the Health Science cluster – the student will be able to:

10.01 Identify the pathways in the Health Science career cluster and the careers in each pathway.

10.02 Describe the types of places that employ individuals who have careers in the Health Science career cluster.

10.03 Describe the variety of tasks performed by individuals who have careers in the Health Science career cluster.

10.04 List the skills, abilities, and talents needed for careers in the Health Science career cluster.

10.05 Identify the level of training and education required for careers in the Health Science career cluster.

10.06 Research a career in the Health Science career cluster and present findings to the class.

10.07 Apply math, science, and reading skills in the completion of a project or activity related to the Health Science career cluster.

11.0 Identify and explore careers in the Hospitality & Tourism cluster – the student will be able to:

11.01 Identify the pathways in the Hospitality & Tourism career cluster and the careers in each pathway.

11.02 Describe the types of places that employ individuals who have careers in the Hospitality & Tourism career cluster.

11.03 Describe the variety of tasks performed by individuals who have careers in the Hospitality & Tourism career cluster.

11.04 List the skills, abilities, and talents needed for careers in the Hospitality & Tourism career cluster.

11.05 Identify the level of training and education required for careers in the Hospitality & Tourism career cluster.

CTE Standards and Benchmarks

11.06 Research a career in the Hospitality & Tourism career cluster and present findings to the class.

11.07 Apply math, science, and reading skills in the completion of a project or activity related to the Hospitality & Tourism career cluster.

12.0 Identify and explore careers in the Human Services cluster – the student will be able to:

12.01 Identify the pathways in the Human Services career cluster and the careers in each pathway.

12.02 Describe the types of places that employ individuals who have careers in the Human Services career cluster.

12.03 Describe the variety of tasks performed by individuals who have careers in the Human Services career cluster.

12.04 List the skills, abilities, and talents needed for careers in the Human Services career cluster.

12.05 Identify the level of training and education required for careers in the Human Services career cluster.

12.06 Research a career in the Human Services career cluster and present findings to the class.

12.07 Apply math, science, and reading skills in the completion of a project or activity related to the Human Services career cluster.

13.0 Identify and explore careers in the Information Technology cluster – the student will be able to:

13.01 Identify the pathways in the Information Technology career cluster and the careers in each pathway.

13.02 Describe the types of places that employ individuals who have careers in the Information Technology career cluster.

13.03 Describe the variety of tasks performed by individuals who have careers in the Information Technology career cluster.

13.04 List the skills, abilities, and talents needed for careers in the Information Technology career cluster.

13.05 Identify the level of training and education required for careers in the Information Technology career cluster.

13.06 Research a career in the Information Technology career cluster and present findings to the class.

13.07 Apply math, science, and reading skills in the completion of a project or activity related to the Information Technology career cluster.

14.0 Identify and explore careers in the Law, Public Safety & Security cluster–The student will be able to:

14.01 Identify the pathways in the Law, Public Safety & Security career cluster and the careers in each pathway.

14.02 Describe the types of places that employ individuals who have careers in the Law, Public Safety & Security career cluster.

14.03 Describe the variety of tasks performed by individuals who have careers in the Law, Public Safety & Security career cluster.

14.04 List the skills, abilities, and talents needed for careers in the Law, Public Safety & Security career cluster.

CTE Standards and Benchmarks

14.05 Identify the level of training and education required for careers in the Law, Public Safety & Security career cluster.

14.06 Research a career in the Law, Public Safety & Security career cluster and present findings to the class.

14.07 Apply math, science, and reading skills in the completion of a project or activity related to the Law, Public Safety & Security career cluster.

15.0 Identify and explore careers in the Manufacturing cluster – the student will be able to:

15.01 Identify the pathways in the Manufacturing career cluster and the careers in each pathway.

15.02 Describe the types of places that employ individuals who have careers in the Manufacturing career cluster.

15.03 Describe the variety of tasks performed by individuals who have careers in the Manufacturing career cluster.

15.04 List the skills, abilities, and talents needed for careers in the Manufacturing career cluster.

15.05 Identify the level of training and education required for careers in the Manufacturing career cluster.

15.06 Research a career in the Manufacturing career cluster and present findings to the class.

15.07 Apply math, science, and reading skills in the completion of a project or activity related to the Manufacturing career cluster.

16.0 Identify and explore careers in the Marketing, Sales & Service cluster – the student will be able to:

16.01 Identify the pathways in the Marketing, Sales & Service career cluster and the careers in each pathway.

16.02 Describe the types of places that employ individuals who have careers in the Marketing, Sales & Service career cluster.

16.03 Describe the variety of tasks performed by individuals who have careers in the Marketing, Sales & Service career cluster.

16.04 List the skills, abilities, and talents needed for careers in the Marketing, Sales & Service career cluster.

16.05 Identify the level of training and education required for careers in the Marketing, Sales & Service career cluster.

16.06 Research a career in the Marketing, Sales & Service career cluster and present findings to the class.

16.07 Apply math, science, and reading skills in the completion of a project or activity related to the Marketing, Sales & Service career cluster.

17.0 Identify and explore careers in Engineering and Technology Education – the student will be able to:

17.01 Identify the pathways in Engineering and Technology Education.

17.02 Describe the types of places that employ individuals who have careers in Engineering and Technology Education.

17.03 Describe the variety of tasks performed by individuals who have careers in Engineering and Technology Education.

CTE Standards and Benchmarks

17.04 List the skills, abilities, and talents needed for careers in Engineering and Technology Education.

17.05 Identify the level of training and education required for careers in Engineering and Technology Education.

17.06 Research a career in Engineering and Technology Education and present findings to the class.

17.07 Apply math, science, and reading skills in the completion of a project or activity related to the Engineering and Technology Education.

18.0 Identify and explore careers in the Transportation & Logistics cluster – the student will be able to:

18.01 Identify the pathways in the Transportation & Logistics career cluster and the careers in each pathway.

18.02 Describe the types of places that employ individuals who have careers in the Transportation & Logistics career cluster.

18.03 Describe the variety of tasks performed by individuals who have careers in the Transportation & Logistics career cluster.

18.04 List the skills, abilities, and talents needed for careers in the Transportation & Logistics career cluster.

18.05 Identify the level of training and education required for careers in the Transportation & Logistics career cluster.

18.06 Research a career in the Transportation & Logistics career cluster and present findings to the class.

18.07 Apply math, science, and reading skills in the completion of a project or activity related to the Transportation & Logistics career cluster.

19.0 Describe leadership skills – the student will be able to:

19.01 Identify the Career and Technical Student Organization(s) that are appropriate for CTE programs in each of the career clusters.

19.02 Describe the leadership opportunities available to members of the CTSOs identified above.

19.03 Investigate the CTSOs at your school and/or in your school district (e.g., membership requirements, dues, activities, events).

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Special Notes

MyCareerShines is an interactive resource to assist students in identifying their ideal career and to enhance preparation for employment. Teachers are encouraged to integrate this resource into the program curriculum to meet the employability goals for each student.

Career and Technical Student Organization (CTSO)

The Florida Technology Student Association (FL-TSA) is the intercurricular career and technical student organization for providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities as identified on the secondary student's Individual Educational Plan (IEP) or 504 plan or postsecondary student's accommodations' plan to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

In addition to accommodations, some secondary students with disabilities (students with an IEP served in Exceptional Student Education (ESE)) will need modifications to meet their needs. Modifications change the outcomes or what the student is expected to learn, e.g., modifying the curriculum of a secondary career and technical education course. Note: postsecondary curriculum and regulated secondary programs cannot be modified.