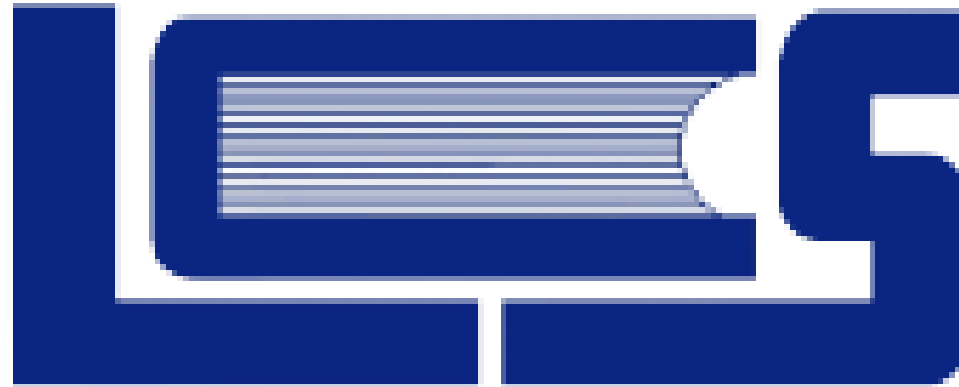
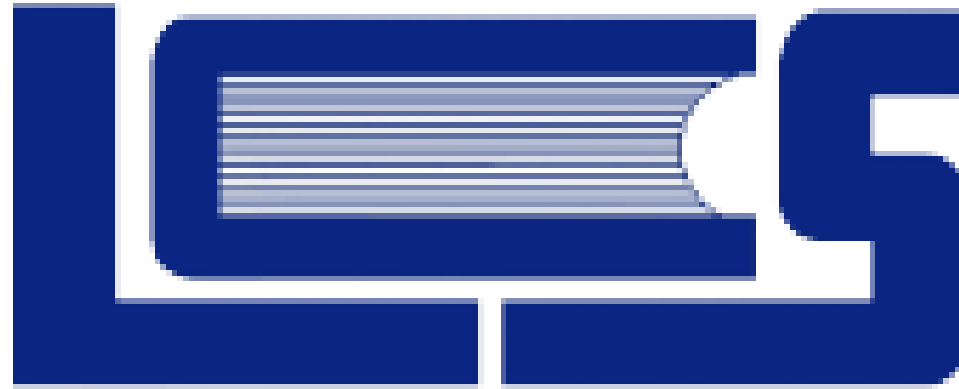


LEON COUNTY SCHOOLS




2018-2019 PROGRAMS OF STUDY

LEON COUNTY SCHOOLS



ARCHITECTURE AND CONSTRUCTION

Career Cluster: Architecture and Construction				CTE Program: Building Trades & Construction Design Technology (8722000); Building Trades & Construction Design Technology (C100100)				
Career Cluster Pathway: Construction				Industry Certification: Secondary and Postsecondary: Autodesk Certified User – AutoCAD (ADESK002)				
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	
HIGH SCHOOL	<ul style="list-style-type: none"> Students are encouraged to begin planning for careers and postsecondary options by exploring resources at mycareershines.org Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements. One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program 							
	9 th	English 1	Algebra 1	Earth & Space Science	Elective	HOPE	Building Construction Technologies 1 Building Construction Technologies 2	Foreign Language 1
	10 th	English 2	Geometry	Biology	World History	Fine Arts course	Building Construction Technologies 3	Foreign Language 2
	11 th	English 3	Algebra 2	Chemistry	US History	Elective	Building Construction Technologies 4	Elective
	12 th	English 4	Additional Math course	Additional Science course or other elective	US Government/ Economics	Elective	Building Construction Technologies 5	Elective
POSTSECONDARY	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	TECHNICAL COLLEGE PROGRAM(S)		COMMUNITY COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)		
	LTC: Building Trades & Construction Design Technology					FAMU: Construction Engineering Technology		
CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)							
	Carpenter, Carpet Installer, Concrete Finishers, Drywall Installer, Electrician, Glazier, Insulation Worker, Painter, Pipe Fitter, Plasterer/Drywall, Plumber, Roofer, Security and Fire Alarm Systems Installer, Sheet Metal Worker, Tile and Marble Setter		Electrician, Facilities Technician, Manufacturing Technician, Materials Lab & Supply Technician, Quality Technician, Survey Technician, Technical Sales Manager, Technical Writer			Architect, Construction Manager, Drafter, Electrical Engineer, Mechanical Engineer, Civil Engineer, Quality Engineer		

Articulation and CTE Dual Enrollment Opportunities

CREDIT

Secondary to Technical College (PSAV)
(Minimum # of clock hours awarded)

Secondary to College Credit Certificate or Degree
(Minimum # of clock or credit hours awarded)

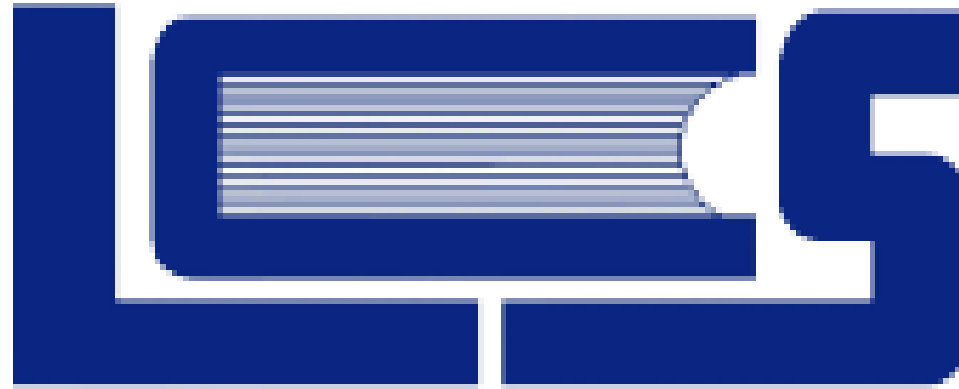
PSAV/PSV to AAS or AS/BS/BAS
(Statewide and other local agreements may be included here)

Career and Technical Student Association

SkillsUSA

Internship/Work Experience Recommendations

LEON COUNTY SCHOOLS



ARTS, A/V TECHNOLOGY AND COMMUNICATION

Career Cluster: Arts, A/V Technology and Communication				CTE Programs: Digital Design (8209600); Digital Design 1 (K700100); Digital Design 2 (K700200)				
Career Cluster Pathway: Audio/Video Technology				Industry Certifications: Secondary and Postsecondary: Adobe Certified Associate – Dreamweaver (ADOBE010), Premiere Pro (ADOBE018), Illustrator (ADOBE020), InDesign (ADOBE021), Photoshop (ADOBE022), MOS Bundle (MICRO069)				
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	
HIGH SCHOOL	<ul style="list-style-type: none"> Students are encouraged to begin planning for careers and postsecondary options by exploring resources at mycareershines.org Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements. One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program 							
	9 th	English 1	Algebra 1	Earth & Space Science	Elective	HOPE	Digital Information Technology Digital Design 1	Foreign Language 1
	10 th	English 2	Geometry	Biology	World History	Fine Arts course	Digital Design 2	Foreign Language 2
	11 th	English 3	Algebra 2	Chemistry	US History	Elective	Digital Design 3	Elective
	12 th	English 4	Additional Math course	Additional Science course or other elective	US Government/ Economics	Elective	Digital Design 4	Elective
POSTSECONDARY	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	TECHNICAL COLLEGE PROGRAM(S)		COMMUNITY COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)		
	LTC: Digital Design		TCC: Graphic and Web Design Technology			FSU: Digital Media Production Animation and Digital Arts FAMU: Graphic Design		
CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)							
	Graphic Designer, Digital Designer, Print Media Artist		Graphic Designer, Digital Designer, Print Media Artist			Art Director, Fine Artists, Graphic Designers, Multimedia Artists and Animators, Photographers		


Articulation and CTE Dual Enrollment Opportunities

CREDIT	Secondary to Technical College (PSAV) <small>(Minimum # of clock hours awarded)</small>	Secondary to College Credit Certificate or Degree <small>(Minimum # of clock or credit hours awarded)</small>	PSAV/PSV to AAS or AS/BS/BAS <small>(Statewide and other local agreements may be included here)</small>
	Digital Design 3 and 4 (8209530 and 8209540) for 300 hours at LTC in Digital Design 1 program (K700100)	Statewide Articulation Agreement: 3 credits for Adobe Dreamweaver (ADOBE010) to Internet Services Technology AS degree	Statewide Articulation Agreement: 3 credits for Adobe Dreamweaver (ADOBE010) to Internet Services Technology AS degree

Career and Technical Student Association

TSA, SkillsUSA

Internship/Work Experience Recommendations

Career Cluster: Arts, A/V Technology and Communication				CTE Programs: Digital Media/Multimedia Design (8201200); Digital Media/Multimedia Design (K100200)				
Career Cluster Pathway: Audio/Video Technology				Industry Certifications: Secondary and Postsecondary: Adobe Certified Associate – Dreamweaver (ADOBE010), Premiere Pro (ADOBE018), Illustrator (ADOBE020), InDesign (ADOBE021), Photoshop (ADOBE022)				
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	
HIGH SCHOOL	<ul style="list-style-type: none"> Students are encouraged to begin planning for careers and postsecondary options by exploring resources at mycareershines.org Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements. One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program 							
	9 th	English 1	Algebra 1	Earth & Space Science	Elective	HOPE	Digital Media/Multimedia Foundations 1	Foreign Language 1
	10 th	English 2	Geometry	Biology	World History	Fine Arts course	Digital Media/Multimedia Foundations 2	Foreign Language 2
	11 th	English 3	Algebra 2	Chemistry	US History	Elective	Digital Media/Multimedia Foundations 3	Elective
	12 th	English 4	Additional Math course	Additional Science course or other elective	US Government/Economics	Elective	Digital Media/Multimedia Foundations 4	Elective
POSTSECONDARY	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	TECHNICAL COLLEGE PROGRAM(S)		COMMUNITY COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)		
	LTC: Digital Media/Multimedia Design		TCC: Graphic and Web Design Technology			FSU: Digital Media Production Animation and Digital Arts FAMU: Graphic Design		
CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)							
	Graphic Designer, Digital Designer, Print Media Artist		Graphic Designer, Digital Designer, Print Media Artist			Art Director, Fine Artists, Graphic Designers, Multimedia Artists and Animators, Photographers		


Articulation and CTE Dual Enrollment Opportunities

CREDIT	Secondary to Technical College (PSAV) (Minimum # of clock hours awarded)	Secondary to College Credit Certificate or Degree (Minimum # of clock or credit hours awarded)	PSAV/PSV to AAS or AS/BS/BAS (Statewide and other local agreements may be included here)
	Digital Media/Multimedia Design 3 and 4 (8201230 and 8201240) for 300 hours at LTC in Digital Media/Multimedia Design program (K100200)	Statewide Articulation Agreement: 3 credits for Adobe Dreamweaver (ADOBE010) to Internet Services Technology AS degree	Statewide Articulation Agreement: 3 credits for Adobe Dreamweaver (ADOBE010) to Internet Services Technology AS degree

Career and Technical Student Association

TSA, SkillsUSA

Internship/Work Experience Recommendations

Career Cluster: Arts, A/V Technology and Communication					CTE Programs: Digital Photography Technology (8201300)		
Career Cluster Pathway: Audio/Video Technology					Industry Certifications: Secondary: Adobe Certified Associate – Premiere Pro (ADOBE018), Illustrator (ADOBE020), InDesign (ADOBE021), Photoshop (ADOBE022)		
		16 CORE CURRICULUM CREDITS				8 ADDITIONAL CREDITS	
		ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	CAREER AND TECHNICAL EDUCATION COURSES
HIGH SCHOOL	<ul style="list-style-type: none"> Students are encouraged to begin planning for careers and postsecondary options by exploring resources at mycareershines.org Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements. One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program 						
	9 th	English 1	Algebra 1	Earth & Space Science	Elective	HOPE	Digital Photography Technology 1 Foreign Language 1
	10 th	English 2	Geometry	Biology	World History	Fine Arts course	Digital Photography Technology 2 Foreign Language 2
	11 th	English 3	Algebra 2	Chemistry	US History	Elective	Digital Photography Technology 3 Elective
	12 th	English 4	Additional Math course	Additional Science course or other elective	US Government/ Economics	Elective	Digital Photography Technology 4 Elective
POSTSECONDARY	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.						
	TECHNICAL COLLEGE PROGRAM(S)		COMMUNITY COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)	
	LTC: Commercial Photography 1 Commercial Photography 2					FSU: Studio Art - Photography FAMU: Graphic Design	
CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)						
	Advertising Sales Agent, Graphic Designer, Production Assistant		Photojournalists, Creative Photographer, Photo Restorer, Portrait Photographer, Freelance Photographer			Graphic Designer, Magazine Features Editor, Medical Illustrator, Photographer, Press Photographer, Television Camera Operator	

Articulation and CTE Dual Enrollment Opportunities

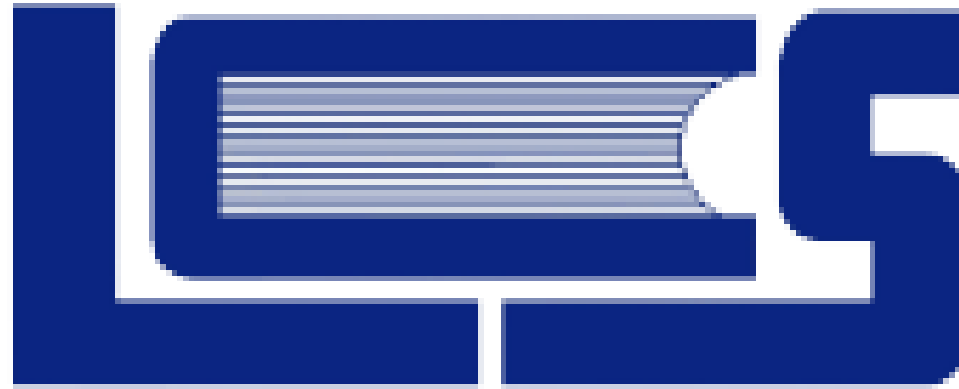
CREDIT	Secondary to Technical College (PSAV) (Minimum # of clock hours awarded)	Secondary to College Credit Certificate or Degree (Minimum # of clock or credit hours awarded)	PSAV/PSV to AAS or AS/BS/BAS (Statewide and other local agreements may be included here)

Career and Technical Student Association


SkillsUSA

Internship/Work Experience Recommendations

LEON COUNTY SCHOOLS



HEALTH SCIENCES

Career Cluster: Health Sciences				CTE Program: Nursing Assistant Articulated (H170690)				
Career Cluster Pathway: Nursing Assistant				Industry Certification: Secondary and Postsecondary: Certified Nursing Assistant (FDMQA002)				
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	
HIGH SCHOOL	<ul style="list-style-type: none"> Students are encouraged to begin planning for careers and postsecondary options by exploring resources at mycareershines.org Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements. One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program 							
	9 th	English 1	Algebra 1	Earth & Space Science	Elective	HOPE	Integrated Science 1	Foreign Language 1
	10 th	English 2	Geometry	Biology	World History	Fine Arts course	Anatomy and Physiology	Foreign Language 2
	11 th	English 3	Algebra 2	Chemistry	US History	Elective	Basic Healthcare Worker	Elective
	12 th	English 4	Additional Math course	Additional Science course or other elective	US Government/Economics	Elective	Nurse Aide and Orderly (Articulated)	Elective
POSTSECONDARY	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	TECHNICAL COLLEGE PROGRAM(S)		COMMUNITY COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)		
	LTC: Medical Assisting Patient Care Technician Practical Nursing		TCC: Nursing (AS) Nursing (BSN)			FSU: Nursing (BSN) FAMU: Nursing (BSN)		
CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)							
	Nursing Assistant, Basic Health Care Worker		Nursing Assistant, Licensed Practical Nurse, Medical Assistant, Registered Nurse			Nurse, Nurse Practitioner, Health Service Manager, Physician's Assistant		
CREDIT	Articulation and CTE Dual Enrollment Opportunities							
	Secondary to Technical College (PSAV) (Minimum # of clock hours awarded)		Secondary to College Credit Certificate or Degree (Minimum # of clock or credit hours awarded)			PSAV/PSV to AAS or AS/BS/BAS (Statewide and other local agreements may be included here)		
	Basic Healthcare Worker and Nurse Aide and Orderly (Articulated) can be used in Patient Care Technician and Medical Assisting programs at LTC.							

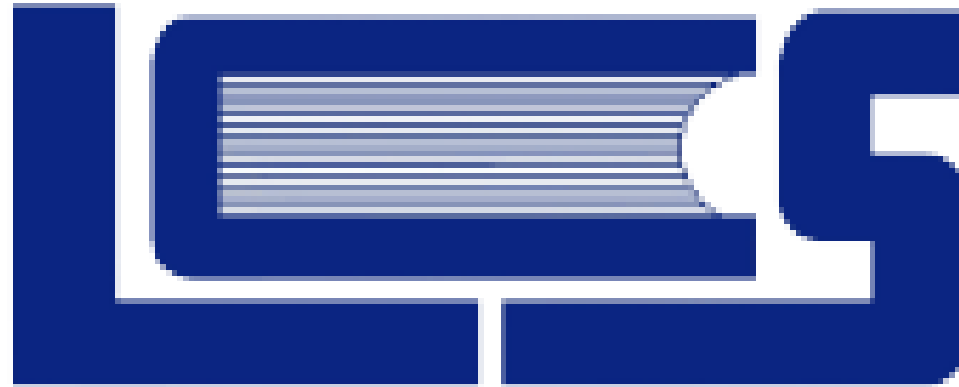
Career and Technical Student Association

SkillsUSA


Internship/Work Experience Recommendations

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LEON COUNTY SCHOOLS



HOSPITALITY AND TOURISM

Career Cluster: Hospitality and Tourism				CTE Programs: Culinary Arts (8800500); Professional Culinary Arts and Hospitality (N100500)				
Career Cluster Pathway: Culinary Arts				Industry Certifications: Secondary: Certified Food Production Manager – ServSafe (NRAEF003); Postsecondary: National ProStart Certificate of Achievement (NRAEF002), Certified Food Production Manager – ServSafe (NRAEF003)				
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	
HIGH SCHOOL	<ul style="list-style-type: none"> Students are encouraged to begin planning for careers and postsecondary options by exploring resources at mycareershines.org Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements. One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program 							
	9 th	English 1	Algebra 1	Earth & Space Science	Elective	HOPE	Culinary Arts 1	Foreign Language 1
	10 th	English 2	Geometry	Biology	World History	Fine Arts course	Culinary Arts 2	Foreign Language 2
	11 th	English 3	Algebra 2	Chemistry	US History	Elective	Culinary Arts 3	Elective
	12 th	English 4	Additional Math course	Additional Science course or other elective	US Government/Economics	Elective	Culinary Arts 4	Elective
POSTSECONDARY	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	TECHNICAL COLLEGE PROGRAM(S)		COMMUNITY COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)		
	LTC: Professional Culinary Arts and Hospitality					FSU: Hospitality Management & Tourism		
CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)							
	Food Preparation Worker, Restaurant Cooks, Food Service Manager		Lodging Manager, Dietetic Technician, Food Service Manager, First Line Supervisor of Food Preparation			Executive Chef, Lodging/Property Manager, Institutional Culinary Management		

Articulation and CTE Dual Enrollment Opportunities

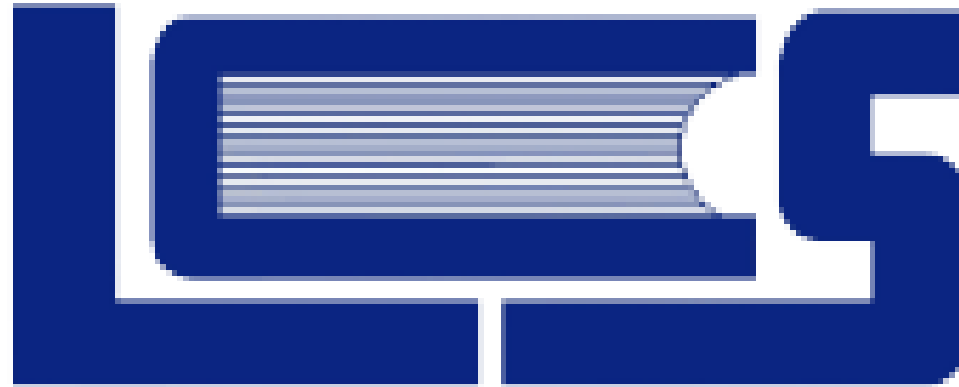
CREDIT	Secondary to Technical College (PSAV) (Minimum # of clock hours awarded)	Secondary to College Credit Certificate or Degree (Minimum # of clock or credit hours awarded)	PSAV/PSV to AAS or AS/BS/BAS (Statewide and other local agreements may be included here)
	Culinary Arts 3 and 4 (8800530 and 8800540) for 300 hours at LTC in Professional Culinary Arts and Hospitality program (N100500)	Statewide Articulation Agreement: 3 credits for NRAEF002 industry certification toward an AS degree in Culinary Management 3 credits for NRAEF003 industry certification toward an AS degree in Culinary Management OR Restaurant Management	Statewide Articulation Agreement: 3 credits for NRAEF002 industry certification toward an AS degree in Culinary Management 3 credits for NRAEF003 industry certification toward an AS degree in Culinary Management OR Restaurant Management

Career and Technical Student Association


SkillsUSA

Internship/Work Experience Recommendations

LEON COUNTY SCHOOLS



MANUFACTURING

Career Cluster: Manufacturing				CTE Programs: Welding Technology Fundamentals (9204400); Welding Technology (J400400); Welding Technology-Advanced (J400410)				
Career Cluster Pathway: Welding				Industry Certifications: Secondary: NCCER Welder-Level 1 (NCCER061); Postsecondary: Certified Welder (AWELD001), NCCER Welder-Level 1 (NCCER263), NCCER Welder-Level 2 (NCCER264), NCCER Welder-Level 3 (NCCER265)				
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES FINE ARTS (1 credit) PHYSICAL EDUCATION (1 credit)	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH COMMUNITY COLLEGE & STATE UNIVERSITY SYSTEM PROGRAMS)	
HIGH SCHOOL	<ul style="list-style-type: none"> Students are encouraged to begin planning for careers and postsecondary options by exploring resources at mycareershines.org Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements. One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program 							
	9 th	English 1	Algebra 1	Earth & Space Science	Elective	HOPE	Welding Technology Fundamentals 1	Foreign Language 1
	10 th	English 2	Geometry	Biology	World History	Fine Arts course	Welding Technology Fundamentals 2	Foreign Language 2
	11 th	English 3	Algebra 2	Chemistry	US History	Elective	Welding Technology Fundamentals 3 and 4	Elective
	12 th	English 4	Additional Math course	Additional Science course or other elective	US Government/Economics	Elective	Welder Assistant 1 and 2	Elective
POSTSECONDARY	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	TECHNICAL COLLEGE PROGRAM(S)		COMMUNITY COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)		
	LTC: Welding Technology Welding Technology-Advanced					FSU/FAMU: Mechanical Engineering		
CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)							
	Welder, Shipfitter, Pipefitter, Industrial Machinery Mechanic, Industrial Maintenance, Steam Fitter		Welder, Shipfitter, Pipefitter, Industrial Machinery Mechanic, Industrial Maintenance, Steam Fitter			Construction Manager, Inspector, Tester, & Grader, Process Improvement Technician, Architect		

Articulation and CTE Dual Enrollment Opportunities

CREDIT	Secondary to Technical College (PSAV) (Minimum # of clock hours awarded)	Secondary to College Credit Certificate or Degree (Minimum # of clock or credit hours awarded)	PSAV/PSV to AAS or AS/BS/BAS (Statewide and other local agreements may be included here)
	Welding Technology Fundamentals 3 and 4 (9204430 and 9204440) for 300 hours at LTC in Welding Technology program (J400400)		

Career and Technical Student Association

SkillsUSA

Internship/Work Experience Recommendations