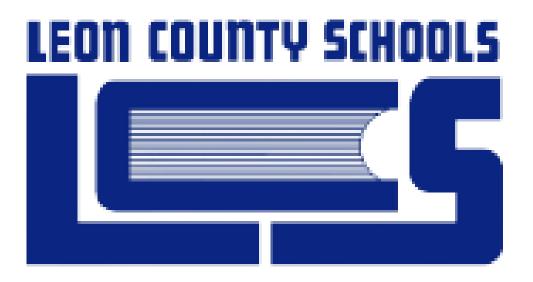


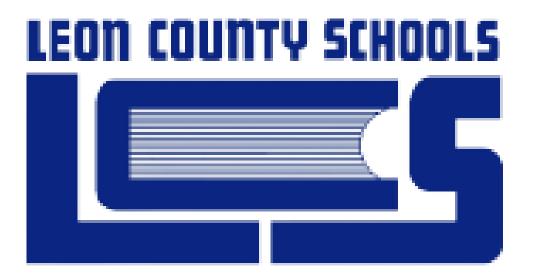
2019-2020 PROGRAMS OF STUDY



ARCHITECTURE AND CONSTRUCTION

Career Cluster: Architecture and Construction					CTE Program: Building Trades & Construction Design Technology (8722000); Building Trades & Construction Design Technology (C100100)			
Career Clu	ıster Pathway: C	onstruction			Apprenticeship	cation: Secondary Certificate Traini BINS002); Autode	ng (PACT), Build	ling Construction
LEON COL	INTY SCHOOLS		16 CORE	CURRICULI	JM CREDITS		8 ADDITI	ONAL 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)
	 Students a Seal Voca 	are also encourag tional Scholars co	ed to participate ourse requiremen	in dual enrollmer ts.	nt courses which m	ons by exploring resorting be used to satisfy GPA of 2.0 on a 4.0 so	high school gradua	tion or Bright Futures Gold
нісн ѕсноог	9 th	English 1	Algebra 1	Earth & Space Science	Elective	НОРЕ	Building Trades and Construction Design Technology 1 Building Trades and Construction Design Technology 2	Foreign Language 1
нен	10 th	English 2	Geometry	Biology	World History	Fine Arts course	Building Trades and Construction Design Technology 3	Foreign Language 2
	11 th	English 3	Algebra 2	Chemistry	US History	Elective	Building Trades and Construction Design Technology 4	Elective
	12 th	English 4	Additional Math course	Additional Science course or other elective	US Government/ Economics	Elective	Building Trades and Construction Design Technology 5	Elective
DARY	Based on the	Career Cluster o	f interest and ide	ntified career and	technical education	on program, the follow	ving postsecondary	options are available.
CONI	TECHNICAL PROGR			COMMUNITY	DLLEGE PROGRAM	M(S)		SITY PROGRAM(S)
POSTSECONDARY	LTC: Building Trade Design Ted	es & Construction chnology					FAMU: Construction E	Ingineering Technology

	Sample C	areer Specialties (The Targeted Occupations List may be used to identify a	appropriate careers.)
CAREER	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	
	Secondary to Technical College	Secondary to College Credit Certificate or Degree	PSAV/PSV to AAS or AS/BS/BAS
CREDIT	(PSAV) (Minimum # of clock hours awarded)	(Minimum # of clock or credit hours awarded)	(Statewide and other local agreements may be included here)
CREI	(PSAV)		(Statewide and other local agreements may be included here)
	(PSAV)		(Statewide and other local agreements may be included here)
	(PSAV) (Minimum # of clock hours awarded)		(Statewide and other local agreements may be included here)



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)			
•	udio/Video Te	chnology		Certified Assoc (ADOBE018), II	ciate – Dreamweav Iustrator (ADOBE	ver (ADOBE010), 020), InDesign (A	Premiere Pro DOBE021),	
INTY SCHOOLS		16 CORE	E CURRICULI	UM CREDITS		8 ADDITIO	ONAL 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)	
Students a Seal Voca	are also encouraç tional Scholars c	ged to participate ourse requiremen	in dual enrollmer its.	nt courses which n	nay be used to satisfy	high school graduat	tion or Bright Futures Gold	
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	
Based on the	Career Cluster o	f interest and ide	ntified career and	l technical educati	on program, the follov	ving postsecondary	options are available.	
			COMMUNITY COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)		
LTC: Digital Design		TCC: Graphic an	nd Web Design Ted	chnology		FSU: Digital Media Production Animation and Digital Arts		
TECHNICAL COLLEGE PROGRAM(S) LTC: Digital Design						FAMU: Graphic Design		
	Sample C	areer Specialties	(The Targeted O	ccupations List ma	ay be used to identify	appropriate careers.		
Graphic Designer, Digital Designer, Print Media Artist		Graphic Designe					Art Director, Fine Artists, Graphic Designers, Multimedia Artists and Animators, Photographers	
	students a Students a Students a Seal Vocate One cours 9th 10th 11th 12th Based on the TECHNICAL PROGRA LTC: Digital Design	ENGLISH 4 credits Students are encouraged to Students are also encouraged seal Vocational Scholars concerns of the English 1 10th English 2 11th English 3 12th English 4 Based on the Career Cluster of TECHNICAL COLLEGE PROGRAM(S) LTC: Digital Design Sample Course of Technical College Program (S) Sample College Program (S)	Inty Sthools ENGLISH 4 credits Students are encouraged to begin planning Students are also encouraged to participate Seal Vocational Scholars course requiremen One course within the 24 credit program mu 9th English 1 Algebra 1 10th English 2 Geometry 11th English 3 Algebra 2 12th English 4 Additional Math course Based on the Career Cluster of interest and ide TECHNICAL COLLEGE PROGRAM(S) LTC: Digital Design Sample Career Specialties Graphic Designer, Digital Designer,	Inty Schools ENGLISH 4 credits MATH 4 credits Students are encouraged to begin planning for careers and p Students are also encouraged to participate in dual enrollmer Seal Vocational Scholars course requirements. One course within the 24 credit program must be an online of Science 10th English 1 English 2 Geometry Biology 11th English 3 Algebra 2 Chemistry Additional Math course Based on the Career Cluster of interest and identified career and TECHNICAL COLLEGE PROGRAM(S) LTC: Digital Design Sample Career Specialties (The Targeted Of Graphic Designer, Digital Designer, Carebic Designer, Digital Designer, Digital Designer, Carebic Designer, Digital Designer, Dig	Digital Design Industry Certific Certified Assoc (ADOBE018), II Photoshop (AD INTV SCHOOLS ENGLISH 4 credits MATH 4 credits SCIENCE 3 credits, 2 with lab with lab with lab Students are encouraged to begin planning for careers and postsecondary opti Students are also encouraged to participate in dual enrollment courses which in Seal Vocational Scholars course requirements. One course within the 24 credit program must be an online course. Cumulative gth English 1 Algebra 1 Earth & Space Science Elective 10th English 2 Geometry Biology World History 11th English 3 Algebra 2 Chemistry US History 12th English 4 Additional Math course or other elective Based on the Career Cluster of interest and identified career and technical educati TECHNICAL COLLEGE PROGRAM(S) LTC: Digital Designer, Digital Designer, Graphic Designer, Digital Designer, Digital Designer, Graphic Designer, Digital Designer, Di	Digital Design 2 (K700200) Industry Certifications: Secondar Certified Associate — Dreamweak (ADOBE018), Illustrator (ADOBE01	Digital Design 2 (K700200) Secondary and Postscondary	

		• • • • • • • • • • • • • • • • • • • •	
REDIT	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)
5	Digital Design 3 and 4 (8209530 and 8209540) for 300 hours at LTC in	Statewide Articulation Agreement: 3 credits for Adobe Dreamweaver (ADOBE010) to Internet Services	Statewide Articulation Agreement: 3 credits for Adobe Dreamweaver (ADOBE010)
	Digital Design 1 program (K700100)	Technology AS degree	to Internet Services Technology AS degree

Articulation and CTE Dual Enrollment Opportunities

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 Clu	uster: Arts, A/V T	echnology an	d Communica	TIAN	CTE Programs: Digital Media/Multimedia Design (8201200); Digital Media/Multimedia Design (K100200)			
Career Clu	uster Pathway: A	udio/Video Te	chnology		Industry Certifi Certified Assoc	cations: Seconda ciate – Dreamwea lustrator (ADOBE	ry and Postseco ver (ADOBE010)	, Premiere Pro
reou cor	JNTY SCHOOLS		16 CORE	CURRICUL	JM CREDITS	•	8 ADDITI	ONAL CREDITS
	ENG 4 cr		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)
	Students a Seal Voca	are also encouraç tional Scholars c	jed to participate ourse requiremer	in dual enrollmer nts.	nt courses which r	ons by exploring resonary be used to satisfy GPA of 2.0 on a 4.0 s	high school gradua	tion or Bright Futures Gold
HOOL	9 th	English 1	Algebra 1	Earth & Space Science	Elective	HOPE	Digital Media/Multimedia Foundations 1	Foreign Language 1
нен ѕсноог	10 th	English 2	Geometry	Biology	World History	Fine Arts course	Digital Media/Multimedia Foundations 2	Foreign Language 2
Ī	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
>-	Based on the	Career Cluster o	f interest and ide	ntified career and	l technical educati	ion program, the follow	wing postsecondary	options are available.
NDAR	TECHNICAL PROGRA			COMMUNITY CO	DLLEGE PROGRAI	M(S)	UNIVERSITY PROGRAM(S)	
POSTSECONDARY	LTC: Digital Media/M Design	fultimedia	TCC: Graphic and Web Design Technology			FSU: Digital Media Production Animation and Digital Arts		
80							FAMU: Graphic Desig	ŋn
		Sample C	areer Specialties	(The Targeted O	ccupations List ma	ay be used to identify	appropriate careers	.)
CAREER	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	
CAREER		Digital Designer,	Graphic Designe	er, Digital Designer	, Print Media Artist			

		Articulation and CTE Dual Enrollment Opportunities	
TIQ	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)
CRE	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 Clu	uster: Arts, A/V T	echnology an	d Communica	tion	CTE Programs	: Digital Photogra	phy Technology	(8201300)	
	uster Pathway: A	.udio/Video Te	chnology		Premiere Pro (ications: Secondar ADOBE018), Illustr Photoshop (ADOBE	ator (ADOBE020		
LEON COL	INTY SCHOOLS		16 CORE	CURRICUL	JM CREDITS		8 ADDITI	ONAL 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)	
	Students a Seal Voca	are also encouraç tional Scholars c	ged to participate ourse requiremer	in dual enrollmer nts.	nt courses which r	ons by exploring resonate to satisfy GPA of 2.0 on a 4.0 se	high school gradua	tion or Bright Futures Gold	
HOOL	9 th	English 1	Algebra 1	Earth & Space Science	Elective	HOPE	Digital Photography Technology 1	Foreign Language 1	
нісн ѕсноог	10 th	English 2	Geometry	Biology	World History	Fine Arts course	Digital Photography Technology 2	Foreign Language 2	
Ĭ	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	
КY	Based on the	Career Cluster o	f interest and ide	ntified career and	l technical educati	ion program, the follow	ving postsecondary	options are available.	
ONDA	TECHNICAL PROGRA	COLLEGE AM(S)		COMMUNITY COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)		
POSTSECONDARY	LTC: Commercial Ph	notography 1 notography 2					FSU: Studio Art - Ph FAMU: Graphic Design		
		Sample C	areer Specialties	(The Targeted O	ccupations List ma	ay be used to identify a	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	

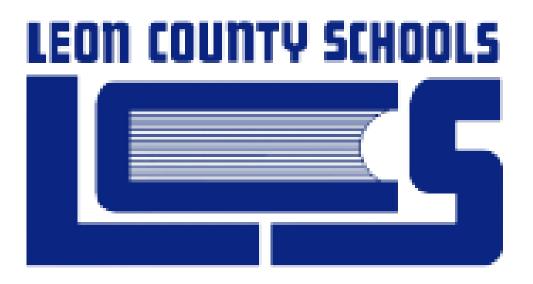
		Articulation and CTE Dual Enrollment Opportunities	
ΤŒ	Secondary to Technical College (PSAV) (Minimum # of clock hours awarded)	Secondary to College Credit Certificate or Degree (Minimum # of clock or credit hours awarded)	PSAV/PSV to AAS or AS/BS/BAS (Statewide and other local agreements may be included here)
CREDIT			
Career and	Technical Student Association		
SkillsUSA	·		
Internship/W	ork Experience Recommendations		



HEALTH SCIENCES

Career C	luster: Health Sci	ences			CTE Program:	Nursing Assistant	Articulated (H17	0690)
Career Cluster Pathway: Nursing Assistant					Industry Certification: Secondary and Postsecondary: Certified Nursing Assistant (FDMQA002)			
LEON COUNTY SCHOOLS			16 CORE	CURRICULI	JM 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)
						ons by exploring reso		
			ged to participate ourse requiremen		it courses which m	nay be used to satisfy	high school graduat	ion or Bright Futures Gold
_					ourse. Cumulative	GPA of 2.0 on a 4.0 so	cale for 24 credit pro	gram
00H	9 th	English 1	Algebra 1	Earth & Space Science	Elective	HOPE	Integrated Science 1	Foreign Language 1
нісн ѕсноог	10 th	English 2	Geometry	Biology	World History	Fine Arts course	Anatomy and Physiology	Foreign Language 2
Ĭ	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
RY	Based on the	Career Cluster o	f interest and ide	ntified career and	technical education	on program, the follow	ving postsecondary	options are available.
NDA	TECHNICAL PROGRA			COMMUNITY CO	DLLEGE PROGRAM	UNIVERSITY PROGRAM(S)		
POSTSECONDARY	LTC: Medical Assist Patient Care T Practical Nursi	echnician	TCC: Nursing (A Nursing (B				FSU: Nursing (BSN) FAMU: Nursing (BSN)	
<u>~~~</u>		Sample C	areer Specialties	(The Targeted Oc	ccupations List ma	y be used to identify a	appropriate careers.)	
CAREER	Nursing Assistant, Basic Health Care V		·	t, Licensed Practic	cal Nurse, Medical A	•		ioner, Health Service
			ı	Articulation and C	TE Dual Enrollme	nt Opportunities		
ΤIQ	Secondary to Tec (PSA (Minimum # of clock	.V)	Seco	ondary to College (Minimum # of cloo	Credit Certificate of the control of the credit hours awarded	or Degree		AAS or AS/BS/BAS I agreements may be included here
CREDIT	Basic Healthcare W Aide and Orderly (A used in Patient Card Medical Assisting p	rticulated) can be e Technician and						

Career and Technical Student Association
SkillsUSA
Internship/Work Experience Recommendations



HOSPITALITY AND TOURISM

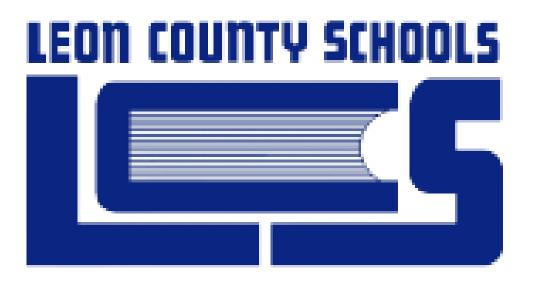
Career Cluster: Hospitality and Tourism					CTE Programs: Culinary Arts (8800500); Professional Culinary Arts and Hospitality (N100500) Industry Certifications: Secondary: Certified Food Production Manager				
Career Cluster Pathway: Culinary Arts Career Cluster Pathway: Culinary Arts Industry Certifications: Seconds - ServSafe (NRAEF003); Postse of Achievement (NRAEF002), Co					AEF003); Postsec t (NRAEF002), Cei	ondary: Nationa	I ProStart Certificate		
LEON COL	INTY SCHOOLS		16 CORE	CURRICUL	JM CREDITS		8 ADDITI	ONAL 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)	
7	Students a Seal Voca	are also encourag tional Scholars co	ed to participate ourse requiremen	in dual enrollmer ts.	nt courses which n	ons by exploring reso nay be used to satisfy GPA of 2.0 on a 4.0 so	high school gradua	tion or Bright Futures Gold	
00H	9 th	English 1	Algebra 1	Earth & Space Science	Elective	HOPE	Culinary Arts 1	Foreign Language 1	
нен ѕсноог	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	
ARY	Based on the	Career Cluster o	f interest and ide	ntified career and	l technical educati	on program, the follov	ving postsecondary	options are available.	
OND	TECHNICAL PROGRA			COMMUNITY CO	DLLEGE PROGRAI	M(S)	UNIVERS	SITY PROGRAM(S)	
POSTSEC	Based on the Career Cluster of i TECHNICAL COLLEGE PROGRAM(S) LTC: Professional Culinary Arts and Hospitality							FSU: Hospitality Management & Tourism	
		Sample C	areer Specialties	(The Targeted O	ccupations List ma	ay be used to identify	appropriate careers	.)	
CAREER	Food Preparation Worker, Restaurant Cooks, Food Service Manager		Lodging Manage Supervisor of Fo		ian, Food Service N	Manager, First Line	Executive Chef, Lo Institutional Culinar	dging/Property Manager, y Management	

		Articulation and CTE Dual Enrollment Opportunities	
Fic	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)
CRE	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



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)				
LEON COUNTY SCHOOLS		16 CORE CURRICU			LUM CREDITS		8 ADDITIONAL CREDITS		
4 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)	
	 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 								
нісн ѕсноог	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)			5)	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			

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)				
	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							