HIGH SCHOOL CAREER EDUCATION

PROGRAMS OF STUDY



Carco	er Cluster Patriwa	y: Finance Education				Eligible Recipient:		
			16	CORE CURRICULUM CF	REDITS		8 ADDITION	AL CREDITS
VvSta	ar Academy	ENGLISH	MATH	. SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES Fine or Practical Arts (1 cdt)	CAREER AND TECHNICAL	RECOMMENDED ELECTIVES
	NESS AND FINANCE	4 credits	4 credits	3 credits, 2 with lab	3 credits		EDUCATION COURSES	(Aligned with State University System
		4 dicuito	4 Ground	o orcans, 2 with lab	o circuito	Physical Education (1 cdt)	Major Area of Interest:	Admissions)
		nterest identified by students on Planner through FACTS.o		d middle school career edu	cation course that include	es interest assessment a	nd career exploration thre	ough CHOICES and
	9	English 1 or English 1 Honors	Math	Physical Science or Biology Honors	World Geography or AP Human Geography	Норе	Finance & Business Technology	Dual Enrollment Classe
HOOL	10	English 2 or English 2 Honors	Math	Science	World History or World History Honors or AP World History	FINE or PRACTICAL ARTS (1 cdt)	Accounting Applications 1	offered before school th St. Johns River State College
нен ѕсноог	11	English 3 or English 3 Honors or AP Language	Math	Science	American History or AP American History	Elective	Financial Operations or AP Macro/Micro Economics	1) Business Law 1 2) Personal Finance
	12	English 4 or English 4 Honors or AP Literature	Math	Science or Economics	AP American Government or AP Economics	AP Economics	Personal & Financial Planning	3)Micro Appl Software 4)Intro to Business
		rses may be used to satisfy high I the Bright Futures Comprehens		Bright Futures Gold Seal Voca	ational Scholars course requ	irements - see the Articulat	ion Coordinating Committee	s's Dual Enrollment
DARY		d technical education programs technical education program, th			ational opportunities or post	tsecondary education option	s. Based on the Career Clu	ster of interest and
ECON		TECHNICAL CENTER PROGRA	M(S)	COM	MMUNITY COLLEGE PROGRA	AM(S)	UNIVERSITY	PROGRAM(S)
POSTSECONDARY				Busir	ness; Marketing; Accounting; F	inance	Business Administration; Fin Economics; Mana	ance; International Busine gement, Marketing
	SAMPLE CAREER SI	PECIALTIES (The Targete	d Occupations List ma	ay be used to identify appropri	iate careers.)			
CAREER	Ac	Bank Teller, Auditing or Billing Cle counting Paraprofessionals, Bookk			nt, Auditor, Business Operation telations Specialist, Database t		Database Administators, Financial Analysts, Sales Managers, Financial Advisors, Purchasing Agents, Marketing Managers, Operation	
5		econdary to Technical Center (F	PSAVI	ARTICULATION AND CTE DU	AL ENROLLMENT OPPORTU	THE PARTY OF THE P	PSAV/PSV to AAS	or AS to BS or BAS
CREDI		evenuary to recommon center (F	J. ()		tate College; Florida State Coll	PSAV/PSV to AAS or AS to BS or BAS UNF, JU, UF, FSU, UCF		

reer Ciu	ster Pathway	: Architecture & Construction				Eligible Recipient:			
OESIG!	N & Co		16	CORE CURRICULUM CR	VARIABLE VILLE CONTRACTOR CONTRAC		8 ADDITIO	NAL CREDITS	
CADE AT	PARTIEN	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED ELECTI	
				4 credits 2 with lah	2 oradita	FINE or PRACTICAL ARTS (1 cdt)	Major Area of Interest:	(Aligned with State Universit System Admissions)	
		4 credits	4 credits	4 credits, 2 with lab	3 credits	PHYSICAL EDUCATION (1 cdt)			
		er of interest identified by stu lucation Planner through FA		quired middle school care	er education course that i	ncludes interest assessn	nent and career exploration	on through CHOICES and	
	9	English 1 or English 1 Honors	Math	Physical Science or Biology Honors	World Geography or AP Human History	Норе	Drafting 1	Dual Enrollment Classes	
CHOOL	10	English 2 or English 2 Honors	Math	Science	World History or World History Honors or AP World History	FINE or PRACTICAL ARTS (1 cdt)	Drafting 2	offered before school thru S Johns River State College	
HIGH SCHOOL	11	English 3 or English 3 Honors or AP Language	Math	Science	American History or AP American History	Elective	Drafting 3	Intro to Building Const	
	12	English 4 or English 4 Honors or AP Literature	Math	Science or Economics	AP American Government or Economics	Elective	Drafting 4	MicroApplication Software Constr Materials & Method	
				Building 6	& Zoning Codes (On-line)				
YR.	Secondar	y career and technical educa						ns. Based on the Career	
/QNC	TE	Cluster CHNICAL CENTER PRO		ified career and technical e	education program, the fo NITY COLLEGE PRO	UNIVERSITY PROGRAM(S)			
POSTSECONDARY		lorida Builders Association - Ap		n Industrial Managemen	t; Building Construction Mar ion Technology; Geographic	Construction Management, Engineering			
ec.		建设 体活起的	(The Te		CAREER SPECIALTIES				
CAREER		CAD Design, Building, Cons			Manager, AutoCAD or GIS Building Construction Manager	Civil Engineer, Con	struction Management, hitect, Project Manager		
			DOAN/DOVA- AA	S AC to BC BAC					
CREDIT	Se	condary to Technical Cen First Coast Technical Ce			te College; Florida State Co			s or AS to BS or BAS	
CRE		First Coast reclinical Ce	illei	St. Johns River Sta	ile College, Florida State Oc	niege of Jacksonville	International Academy	of Design & Technology, of North Florida	

	Career Cluster:	Marketing				Eligible Recipient:							
			16	CORE CURRICULUM CR	REDITS		8 ADDITIONAL CREDITS						
ySt of BUS	ar Academy	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED ELECTIVES (Aligned with					
		4 credits	4 credits	3 credits, 2 with lab	3 credits	FINE or PRACTICAL ARTS (1 cdt) PHYSICAL EDUCATION (1 cdt)	Major Area of Interest:	State University System Admissions)					
		Career Cluster of interest identified by students enrolled in required middle school career education course that includes interest assessment and career exploration through CHOICES and ePersonal Education Planner through FACTS.org.											
	9	English 1 or English 1 Honors	Math	Physical Science or Biology Honors	World Geography or AP Human History	Норе	Finance & Business Technology	Dual Enrollment Clas					
1001	10	English 2 or English 2 Honors	Math	Science	World History or World History Honors or AP World History	FINE or PRACTICAL ARTS (1 cdt)	Principles of Entrepreneurship	St. Johns River Stat College					
חופש אכשומה	11	English 3 or English 3 Honors or AP Language	Math	Science	American History or AP American History	Elective	Business Management & Law	1) Business Law 1 2) Personal Finance					
	12	English 4 or English 4 Honors or AP Literature	Math	Science or Economics	AP American Government or AP Economics	Elective or Economics	Business Ownership	3)Micro Appl Software 4)Intro to Business					
		courses may be used to sat				plars course requirement	s - see the Articulation C	oordinating					
7		er and technical education p				ortunities or postseconda	ry education options. Ba	ased on the Career					
NOA	Cluster of interes	st and identified career and	technical education	program, the following pos	stsecondary options are a								
J J	T	ECHNICAL CENTER PROG	RAM(S)	COMM	MUNITY COLLEGE PROGI	RAM(S)	UNIVERSITY	PROGRAM(S)					
POST SECONDARY				Busine	ess; Marketing; Accounting;	Finance	Business Administration Business; Economics; I						
_		ER SPECIALTIES Occupations List may be	used to identify a	ppropriate careers.)									
CAREER				Accountant, Auditor, Specialist, Database	Business Operations Spec technician; Bank Teller, Au ting Paraprofessionals, Boo	Business Owners; Financial Managers; Sales Managers; Marketing or Public Relation Managers; Business Officers							
=	T. W. INI	FIGURE WILLIAM		ICULATION AND CTE DU	CONTRACTOR OF THE PROPERTY OF								
מאבט	Seco	ondary to Technical Cent	er (PSAV)		College Credit Certific College; Florida State C		PSAV/PSV to AAS UNF, JU, UI						
5				ou coming thron otate	o o mogo, i roman otato i			,					

		Arts, AV Technology and		CORE CURRICULUM CR	EDITS		8 ADDITION	NAL CREDITS
CADE	OCSIGN & COAR	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED ELECTIVE (Aligned with State University Sys Admissions)
	ARTICANA TRANK	4 credits	4 credits	3 credits, 2 with lab	3 credits	FINE or PRACTICAL ARTS (1 cdt)	Major Area of Interest:	
		4 credits	4 credits	o orcano, 2 with tab	o oreano	PHYSICAL EDUCATION (1 cdt)		
		terest identified by student through FACTS.org.	s enrolled in require	d middle school career edu	cation course that includ	les interest assessment ar	d career exploration through	n CHOICES and ePersonal
	9	English 1 or English 1 Honors	Math	Physical Science or Biology Honors	World Geography or AP Human History	Норе	Design Services Core	Elective or Foreign Language
1001	10	English 2 or English 2 Honors	Math	Science	World History or World History Honors or AP World History	FINE or PRACTICAL ARTS (1 cdt)	Principles of Interior Design Principles of Fashion Design	Drafting 1
HIGH SCHOOL	11	English 3 or English 3 Honors or AP Language	Math	Science	American History or AP American History	Elective	Interior Design Techniques Pattern Design Techniques	Dual Enrollment offered on-line thru FSCJ
	12	English 4 or English 4 Honors or AP Literature	Math	Science or Economics	AP American Government or AP Economics	Elective or Economics	Interior Design Specialist Pattern Design Specialist	Principles of Interior Desig History of Interiors I
	Dual enrollment co	urses may be used to satisf ency List and the Bright Fu	y high school gradu tures Comprehensiy	ation or Bright Futures Gol e Course Table.	d Seal Vocational Schola	ers course requirements - s	see the Articulation Coordinate	ating Committee's Dual
AKY	Secondary career a		grams may lead to in	ndustry recognized certifica	ites, occupational opport	tunities or postsecondary	education options. Based or	n the Career Cluster of inte
ON		INICAL CENTER PROC	THE RESERVE OF THE PARTY OF THE	NAME OF TAXABLE PARTY.	NITY COLLEGE PRO	GRAM(S)	UNIVERSITY	PROGRAM(S)
POSTSECONDARY				Interior Design Tec	hnology; Costume Design	Fine Arts, Graphic Design, Advertising Design, Global Fas Management, Interior Design, Fashion Merchandising		
CAREER			(The T	SAMPLE argeted Occupations Lis	CAREER SPECIALTIE		一年 第二十四	
			(The I		shion Merchandiser, Graph			r Designer
CAR		建设。为法则	NAME OF TAXABLE PARTY.	ARTICULATION AND CT	STREET, STREET	COLUMN TO THE OWNER OF THE OWNER OWN	17000000000000000000000000000000000000	美国出版的
CKEDII		ndary to Technical Cente	er (PSAV)	Secondary to	College Credit Certifi	PSAV/PSV to AAS or AS to BS or BAS University of Florida, Florida State University, Keiser Universit		

	Career Cluste	r Information Technolog	у			Eligible Recipient:	9-12					
	114			16 CORE CURRICULUM CREI	DITS		8 ADDITIONAL CREDITS					
J		ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED ELECTIVES (Aligned with State University System				
	CREEKSIDE GH SCHOOL	4 credits	4 credits	3 credits, 2 with lab	3 credits	Fine or Practical Arts (1 cdt)						
	cademy of Emerging echnology	4 credits	4 Credits	5 credits, 2 with lab	3 credits	Physical Education (1 cdt)	Major Area of Interest:	Admissions)				
		er of interest identified by stud lucation Planner through FACT		ired middle school career ed	ucation course that include	es interest assessment and	career exploration through	n CHOICES and				
	9	English 1 or English Honors 1	Math	Physical Science or Biology Honors	World Geography	HOPE	Comp for Colleges and Careers	Elective/TV Producti or Foreign Languag				
TIGH SCHOOL	10	English 2 or English Honors 2	Math	Biology or Chemistry Honors	World History or World History Honors	FINE ARTS	New Media & Imaging or Networking 1	Elective/TV Producti or Foreign Languag				
ט בטור	11	English 3/honors or AP English	Math	Science	American History or AP American History	Elective/Dual Enrollment	Digital Video & Sound or Networking 2	Elective/TV Production or Foreign Language				
	12	English 4/honors or AP English	Math	Science	Govt. / Economics or AP Govt. / Economics	Elective/Dual Enrollment	Web Design I or Networking 3	Elective/TV Producti or Foreign Language				
	Dual enrollment courses may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements - see the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table. Secondary career and technical education programs may lead to industry recognized certificates, occupational opportunities or postsecondary education options. Based on the Career Cluster of											
DAK		dentified career and technical				inities or postsecondary et	ducation options. Based of	Tule Career Cluster of				
		TECHNICAL CENTER PROG	GRAM(S)	СОМ	MUNITY COLLEGE PROGR	UNIVERSITY PROGRAM(S)						
POST SECONDARY		Help desk support			Technology (Digital/Multimede and Entertainment Technol	Computer Engineering, Graphic Design, New Media and Computer Graphics						
Y.	SAMPL	E CAREER SPECIALTIES		Occupations List may be	used to identify appropria	(The Targeted						
CAKEEK	н	elp desk specialist, computer rep	pair specialist	Digital Media Spe	cialist; Mulitmedia Technicial	Computer Engineer, Information Technology Mana Communications Manager; Design Specialist						
				ARTICULATION AND CTE	DUAL ENROLLMENT OPP	ORTUNITIES						
CKEDI		Secondary to Technical Center	-		to College Credit Certifica St. Johns River Community		PSAV/PSV to AAS					
)		FCCJ; St. Johns River Community College FCCJ,				College	UNF, U	r, r5U				

	Career Cluster:	Agriscience, Food & Na	A STATE OF THE OWNER, WHEN PARTY AND ADDRESS OF			Eligible Recipient		8913000/8915000		
			16	CORE CURRICULUM CR	EDITS		8 ADDITIONAL CREDITS			
	CREEKSIDE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED ELECTIVE (Aligned with State University Sys		
	Academy of Environmental & Urban					FINE ARTS (1 cdt)	- Major Area of Interest:	Admissions)		
b	Planning	4 credits	4 credits	4 credits, 2 with lab	3 credits	PHYSICAL EDUCATION (1 cdt)				
*		nterest identified by stude on Planner through FACT		red middle school career ed	ducation course that incl	udes interest assessmen	t and career exploration t	through CHOICES and		
TOOLOGE HOLD	9	English 1 or English Honors 1	Math	Physical Science or Biology Honors	World Geography	HOPE	Intro to Env. Tech Civil Engineer I	Elective or Foreign Language		
	10	English 2 or English Honors 2	Math	Biology or Chemistry Honors	World History or World History Honors	FINE ARTS	Enviro Tech 2 Civil Engineer 2	Elective or Foreign Language		
	11	English 3/Honors or AP English	Math	Ecology/Enviro. Or other Science	American History or AP American History	Elective/Dual Enrollment	Land Resources 3 Civil Engineer 3	Elective or Foreign Language		
	12	English 4/Honors or AP English	Math	Science	Govt. / Economics/ Honors or AP Govt. / Economics	Elective/Dual Enrollment	Land Resources 4 Civil Engineer 4	Elective or Foreign Language		
	Dual enrollment c	ourses may be used to sa		duation or Bright Futures (ment Equivalency List and t			ts - see the Articulation C	Coordinating Committee's D		
	Secondary caree			o industry recognized certi career and technical educat				Based on the Career Cluster		
	TECH	INICAL CENTER PRO	GRAM(S)	COMMU	NITY COLLEGE PRO	UNIVERSITY PROGRAM(S)				
					s; National Resource Cons ; Building Construction Ma	Civil Engineering; (Construction Engineering, Geotechnical, Structural, Transportation) Industrial Management; Environm Management; Urban Planning				
	SAMPLE CAR	EER SPECIALTIES	Torac	eted Occupations List ma	w he used to identify o	annonriate careers \	THE BE	(Th		
				GPS Data technician; Entechnician; water quality t	vironmental technician; GIS echnician	S Analyst; LEED certified				
			A	RTICULATION AND CTE	Control of the Contro	THE RESIDENCE OF THE PARTY OF T				
			(2001)		Secondary to College Credit Certificate or Degree St. Johns River Community College FCCJ			PSAV/PSV to AAS or AS to BS or BAS University of North Florida; University of Florida; Florida State University; University of Central Florida		
	Sec	ondary to Technical Cente	er (PSAV)					Florida; University of Florida;		

			16	CORE CURRICULUM CRED	ITS		8 ADDITION	AL CREDITS					
	(**)	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	CAREER AND TECHNICAL EDUCATION	RECOMMENDED ELECTIVES (Aligned with State University System Admissions)					
nmunic acc @	cations broadcast digital print business	4 oradita	A gradita	2 gradite 2 with lab	3 crodite	Fine or Practical Arts (1 cdt)	COURSES						
		4 credits	4 credits	3 credits, 2 with lab	3 credits	Physical Education (1 cdt)	Major Area of Interest:						
	Career Cluster through FACTS		nts enrolled in required middle	school career education cou	rse that includes interest as	sessment and career explorati	on through CHOICES and ePe	ersonal Education Planner					
	9	English I or English I Honors	Algebra I or Geometry	Physical Science/Biology	World History or World History Honors	HOPE							
CHOOL	10	English II or English II Honors	Geometry or Algebra II	Biology	World History or World History Honors	Fine or Practical Arts	Digital Design or Television Production (4 courses in each	Elective or Foreign Langua					
HIGH SCHOOL	11	English III or AP English	Algebra II or PreCalculus	Chemistry	American History	Elective	strand.)	(I, II, III, IV)					
	12	English IV/Honors or AP English Lit	PreCalculus or AP Calc	Physics	Economics/American Government	Digital Design, TV Production or an Internship							
		Dual enrollment courses may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements - see the Articulation Coordinating Committee's Dual Enrollment Equivalence List and the Bright Futures Comprehensive Course Table.											
NDARY	Secondary care			NAMES OF THE PERSON AND PERSON OF THE PERSON									
					ational opportunities or pos	stsecondary education options.	Based on the Career Cluster	of interest and identified					
ONDARY		eer and technical education pronical education program, the TECHNICAL CENTER PRO	following postsecondary opti	ons are available.	MUNITY COLLEGE PROGR			of interest and identified PROGRAM(S)					
POSTSECONDARY	career and tecl	nnical education program, the	following postsecondary opti DGRAM(S)	ons are available. COM Marketing Operations (certifical Graphic Design Production (tec	MUNITY COLLEGE PROGR	AM(S) lia/Multimedia Technology (A.S.), /Multimedia Production (technical	UNIVERSITY Communications (BS) emph	PROGRAM(S)					
	career and tecl	nnical education program, the TECHNICAL CENTER PRO Digital Design, Graphic Arts, Telev	following postsecondary opti DGRAM(S)	ons are available. COM Marketing Operations (certifical Graphic Design Production (tec	MUNITY COLLEGE PROGR (e); Marketing (AS), Digital Media (hical certificate), Digital Media (dia/Multimedia Video Production	AM(S) lia/Multimedia Technology (A.S.), /Multimedia Production (technical	UNIVERSITY Communications (BS) emph. Media, TV Producti	PROGRAM(S) asis in Advertising, Electronic					
	career and tecl	nnical education program, the TECHNICAL CENTER PRO Digital Design, Graphic Arts, Telev	following postsecondary option DGRAM(S) ision Production E CAREER SPECIALTIES	Marketing Operations (certificat Graphic Design Production (tec certificate), Digital Me	MUNITY COLLEGE PROGR (e); Marketing (AS), Digital Medinical certificate), Digital Media (dia/Multimedia Video Production) (The Targeted Occupation)	AM(S) lia/Multimedia Technology (A.S.), //Multimedia Production (technical on (technical certificate) ons List may be used to identify Media/Multimedia Technology	UNIVERSITY Communications (BS) emph. Media, TV Producti appropriate careers.) Advertising or Marketing Direct	PROGRAM(S) asis in Advertising, Electronic ion, Graphic Design					
T CAREER POSTSECONDARY	career and tecl	nnical education program, the TECHNICAL CENTER PRO Digital Design, Graphic Arts, Telev	following postsecondary option DGRAM(S) ision Production E CAREER SPECIALTIES	Marketing Operations (certificate Graphic Design Production (tec certificate), Digital Me Marketing Operations (certificate), Articulation (A.S.), Grap	MUNITY COLLEGE PROGRE (e); Marketing (AS), Digital Media chical certificate), Digital Media dia/Multimedia Video Productio (The Targeted Occupatio cate); Marketing (AS), Digital hic Design Production (technic	AM(S) dia/Multimedia Technology (A.S.), //Multimedia Production (technical on (technical certificate) ons List may be used to identify Media/Multimedia Technology cal certificate) ORTUNITIES	UNIVERSITY Communications (BS) emph. Media, TV Producti appropriate careers.) Advertising or Marketing Direct Production	PROGRAM(S) asis in Advertising, Electronic ion, Graphic Design tor, Digital Media or Multimed					
	career and tecl	nnical education program, the TECHNICAL CENTER PRO Digital Design, Graphic Arts, Telev	following postsecondary option DGRAM(S) ision Production E CAREER SPECIALTIES ara Person, Video Editor	Marketing Operations (certificate Graphic Design Production (tec certificate), Digital Me Marketing Operations (certificate), Articulation (A.S.), Grap	MUNITY COLLEGE PROGRE (e); Marketing (AS), Digital Media chinical certificate), Digital Media dia/Multimedia Video Productio (The Targeted Occupatio cate); Marketing (AS), Digital hic Design Production (technic DUAL ENROLLMENT OPPO	AM(S) dia/Multimedia Technology (A.S.), //Multimedia Production (technical on (technical certificate) ons List may be used to identify Media/Multimedia Technology cal certificate) ORTUNITIES	UNIVERSITY Communications (BS) emph. Media, TV Product appropriate careers.) Advertising or Marketing Direct Product PSAV/PSV to AAS University of North Florida, Jac	PROGRAM(S) asis in Advertising, Electroni on, Graphic Design tor, Digital Media or Multime uction or AS to BS or BAS					

^{*} Students must remain in one area of concentration for at least three years to earn the Bright Futures Gold Seal Vocational Scholarship.

Shaded boxes are required academy cohorts classes.

Non-shaded boxes are general courses outside of the academy. Students may select various levels of academic courses which include advanced placement, honors, dual enrollment, and standars level classes. Students are encouraged to enroll in rigorous and challenging academic courses oprepare for college and a career. A dual enrollment course in English Composition through St. Johns River State College is offered at Nease. Other dual enrollment courses may be taken at the colleges themselves. See your guidance counselor for details.

reer Clu	ster Pathway:	Science, Technology, Engir	neering and Math			Eligible Recipient:						
			16 (CORE CURRICULUM CRED	OITS		8 ADDITION	AL CREDITS				
I		ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES Fine or Practical Arts (1 cdt)	CAREER AND TECHNICAL EDUCATION	RECOMMENDED				
ELLAR	ACADEMY			3 credits, 2 with lab	3 credits		COURSES	ELECTIVES (Aligned with State University System				
FENGI	INEERING	4 credits	4 credits	3 credits, 2 with lab	3 credits	Physical Education (1 cdt)	Major Area of Interest:	Admissions)				
	Career Cluster of through FACTS		nts enrolled in required middle	school career education cou	rse that includes interest a	ssessment and career exploration	on through CHOICES and ePe	ersonal Education Planner				
	9	English I or English I Honors	Algebra I or Geometry	Physical Science/Biology	World History or World History Honors	HOPE	Drafting 1*	Elective or Foreign Langua (I, II, III, IV)				
CHOOL	10	English II or English II Honors	Geometry or Algebra II	Biology	World History	Fine or Practical Arts	Drafting 2*	Elective or Foreign Langua (I, II, III, IV)				
нісн ѕсноог	11	English III or AP English	Algebra II or PreCalculus	Chemistry	American History	Elective or Foreign Language	Drafting 3*	Elective or Foreign Langua (I, II, III, IV)				
	12	English IV/Honors or AP English Lit	PreCalculus or AP Calc	Physics	Economics/American Government	Elective or Foreign Language	Drafting 4*	Elective or Foreign Langua (I, II, III, IV)				
	ARTICULATION AND CTE DUAL ENROLLMENT OPPORTUNITIES											
RY	Secondary career and technical education programs may lead to industry recognized certificates, occupational opportunities or postsecondary education options. Based on the Career Cluster of interest and identicates of interest and identicates or postsecondary options are available.											
NDA		TECHNICAL CENTER PRO	OGRAM(S)	COM	MUNITY COLLEGE PROGR	UNIVERSITY PROGRAM(S)						
POSTSECONDARY	Drafting, Ca	arpentry; Electrical; Heating and	Air Conditioning; Masonry		ural Design and Construction g; Industrial Management Te	Building Construction Management, Engineering, Urba Planning, Industrial Mgmt, Architectural Engineering, Aerospace, Civil, or Mechanical Engineering						
K.		SAMPLE	CAREER SPECIALTIES		(The Targeted Occupation	ons List may be used to identify	appropriate careers.)					
CAREER	Draftsman,	Carpenter; Electrician; Heating a	nd Air Conditioning, Mason	Architectural	Engineering Assistant, AutoC	AD Technician	Engineer					
			· · · · · · · · · · · · · · · · · · ·		DUAL ENROLLMENT OPPO							
CREDIT		First Coast Technical C	College		y to College Credit Certifica St. Johns River State Colleg Florida State College-Jackson	e	PSAV/PSV to AAS University of North Florid University	a, Jacksonville University,				
	*Possi	ible Industry Certifications (St	udents):									
	The second secon	: AutoDesk, AutoCAD : AutoDesk, AutoCAD										

^{*} Students must remain in one area of concentration for at least three years to earn the Bright Futures Gold Seal Vocational Scholarship.

Shaded boxes are required academy cohorts classes.

Non-shaded boxes are general courses outside of the academy. Students may select various levels of academic courses which included advanced placement, honors, dual enrollment, and standars level classes. Students are encouraged to enroll in rigorous and challenging academic course to prepare for college and a career. Dual enrollment courses in English Composition through St. Johns River State College and Engineering I through University of North Florida are offered at Nease. Student may also take other dual enrollment courses at the colleges themselves. Students must meet the dual enrollment criteria to take advantage of these courses. See your guidance counselor for details.

212500), Business

Career Academy: VyStar Academy of Business and Finance

Secondary CTE Program:

or Digital Design (8209600)

areer	Cluster Patriway.	business, Management		A/V Technology & Commu		Eligible Recipient:	Grade 9-12					
			16 (CORE CURRICULUM CE	REDITS		8	ADDITIONAL CREDI	TS			
SEAR!	MENE VO	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	CAREER AND TECHNICAL EDUCATION COURSES		& RECOMMENDED			
((الماما	4 credits	4 credits 4 credits		3 credits	FINE or PRACTICAL ARTS (1 cdt)	Major Area of Interest:		ELECTIVES (Aligne with State Universit			
Mile	FALCONS					PHYSICAL EDUCATION (1 cdt)			System Admission			
		interest identified by ser through FACTS.org.		required middle school c	areer education course	that includes interest a	ssessment and career	exploration through CH	IOICES and ePerso			
							Business & F	inance Track	Design Track			
	9	English 1	Math	Physical Science	World Geography or AP Human Geography	Норе	Computing for College & Careers	Elective or Foreign Language	Computing for Colle Careers			
100F	10	English 2	Math	Biology	World History Honors	World Language 1 Accounting 1	Business Software Applications	Administrative Office Technology	Digital Design 1			
HIGH SCHOOL	11	English 3	Math	Earth Science	American History	World Language 2 Accounting 1 or 2 Psych/Sociology DE / AP Elective	Business & Entrepreneurial Principles	LegalAspects of Business	Digital Design 2			
	12	English 4	Math	Science or Economics	American Government .5 + Ecoonomics .5 DE Macro/Micro Econ & DE US Fed Gov't	Elective or Economics	Business Supervision, Accounting 1 or 2	Teller Operations Business Internship	Digital Design 3			
	Dual enrollment courses may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements - see the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.											
DARY		and technical education particles		ndustry recognized certifica	tes, occupational opportu	nities or postsecondary e	ducation options. Based	on the Career Cluster of in	terest and identified o			
CONI		CHNICAL CENTER PRO			UNITY COLLEGE PROC	GRAM(S)	UNIVERSITY PROGRAM(S)					
POSTSECONDARY				Business; Marketing; Acco	unting; Finance; Computer	Science; Web	Business Administration; F Management; Marketing; G	inance; International Busine Graphic Design	ess; Economics;			
	SAMPLE CAREE	R SPECIALTIES (T	he Targeted Occup	ations List may be used to	o identify appropriate c	areers.)	CALL TRACK	PROPERTY OF STREET	CONTRACTOR OF THE PARTY OF THE			
AREER		ing or Billing Clerks, Acc , Bookkeepers, Informati		Accountant, Auditor, Business Operations Specialist, Public Relations Specialist, Database technician; Para legal Assistant, Digital Assistant			Database Administators, Financial Analysts, Sales Managers, Financial Advisors, Purchasing Agents, Marketing Managers, Operations Managers					

ARTICULATION AND CTE DUAL ENROLLMENT OPPORTUNITIES Secondary to Technical Center (PSAV)

Secondary to College Credit Certificate or Degree (minimum # of clock hours awarded) St. Johns River State College; Florida State College Jacksonville PSAV/PSV to AAS or AS to BS or BAS

Graphic Designer

UNF, JU, UF, FSU, UCF, FAMU, FAU, USF, UWF

*Possible Industry Certifications (Students):

Assistant, Production Assistant

Secondary: Certified Banking Associate; Microsoft Office Specialist (MOS), Adobe Certified Associate Postsecondary: Series 7 license as Financial Planner, Adobe Certified Expert

Dual Enrollment: Morning classes begin in GEB 1011 Intro to Business: MAN 2021 Intro to Management

Career Cluster: Academy of Architectural and Building Sciences Secondary CTE Program: Concrete Masonry #8722600 Eligible Recipient: Grade 9-12 Career Cluster Pathway: Architecture and Construction 16 CORE CURRICULUM CREDITS **8 ADDITIONAL CREDITS** CAREER AND SOCIAL OTHER REQUIRED **TECHNICAL** RECOMMENDED COURSES **EDUCATION ENGLISH** MATH SCIENCE **STUDIES** ELECTIVES COURSES (Aligned with State FINE or PRACTICAL University System ARTS (1 cdt) Major Area of Admissions) 3 credits, 2 with Interest: PHYSICAL EDUCATION 4 credits 4 credits 3 credits (1 cdt) lab Career Cluster of interest identified by students enrolled in required middle school career education course that includes interest assessment and career exploration through CHOICES and ePersonal Education Planner through FACTS.org. World Geography & Elective or World Teen Leadership 9 English 1 Math Physical Science Hope Masonry 1 Language AP Human Geography HIGH SCHOOL Elective or World 10 English 2 Math Biology World History Honors Elective Masonry 2 Language Math **Building & Construction** Legal Aspects of 11 English 3 Earth Science American History Masonry 3 DE/AP Math Management I **Business Building & Construction** American Government Management I. Math Internship Internship 12 English 4 Science or Elective Internship DE / AP DE/AP Math .5 + Ecoonomics .5 **DE/AP** Elective **DE/AP** Elective Elective Dual enrollment courses may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements - see the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table. Secondary career and technical education programs may lead to industry recognized certificates, occupational opportunities or postsecondary education options. Based on the POSTSECONDARY Career Cluster of interest and identified career and technical education program, the following postsecondary options are available. TECHNICAL CENTER PROGRAM(S) COMMUNITY COLLEGE PROGRAM(S) UNIVERSITY PROGRAM(S) Drafting, Apprenticeship with Northeast Florida Building Association Industrial Management: Building Construction Management, Architectural Design & Construction Technology Architecture, Engineering and Masonry CAREER SAMPLE CAREER SPECIALTIES (The Targeted Occupations List may be used to identify appropriate careers.) Carpenter, Drafter, Mason, Building assistant, Cement Masons and Electrician, Heating & Air Conditioning, Carpenter, Brickmasons, Civil/ Architect, Engineer Concrete Finishers Electrical /Electronic Engineering Technicians **ARTICULATION AND CTE DUAL ENROLLMENT OPPORTUNITIES** CREDIT PSAV/PSV to AAS or AS to BS or BAS Secondary to Technical Center (PSAV) Secondary to College Credit Certificate or Degree St. Johns River State College; Florida State College Jacksonville St. Johns River Community College; Northeast Florida Builders UNF, JU, UF, FSU, UCF, FAMU, FAU, USF, Apprenticeship Program **UWF** Possible Industry Certifications (Students): Secondary: AutoDesk/AutoCAD: NCCER: Building Construction Carpentry or Masonry; OSHA Postsecondary:

areer	Cluster Pathway:	Science, Technology, E	ngineering and Math (STEM)		Eligible Recipient:	t: Grade 9-12 8601300		
			16 C	ORE CURRICULUM CR	REDITS		8 ADDITION	AL CREDITS	
A TO SERVICE OF THE PERSON OF	MENERAL OF THE PROPERTY OF THE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED ELECTIVES (Aligned with	
1 10	BOOKS					FINE or PRACTICAL ARTS (1 cdt)	Major Area of Interest:	State University System Admissions)	
	., 901.	4 credits	4 credits	4 credits, 2 with lab	3 credits	PHYSICAL EDUCATION (1 cdt)			
		nterest identified by stud on Planner through FAC		d middle school career e	ducation course that inclu	ides interest assessment	and career exploration t	hrough CHOICES and	
	9	English 1	Math	Physical Science	World Geography & Teen Leadership AP Human Geography	Hope	Energy Foundations (8006110)	Elective or World Langua	
TOOLOG	10	English 2	Math	Biology	World History Honors	Elective	Power and Energy Technology 1 (8601310)	Elective or World Langua	
חסחספ בפוני	11	English 3	Math DE/AP Math	Earth Science	American History	Elective	Power and Energy Technology 2 (8601320)	LegalAspects of Busine	
	12	English 4	Math DE/AP Math	Science or Elective	American Government .5 + Ecoonomics .5	Elective: Advanced Applications in Technology (8601900) Preq: P&E 1-3	Power and Energy Technology 3 (8601330)	Internship DE Elective	
		rses may be used to satisfy I the Bright Futures Compre		r Bright Futures Gold Seal V	ocational Scholars course re	quirements - see the Articu	lation Coordinating Commit	ttee's Dual Enrollment	
× Y Y				recognized certificates, occurred and are available.	upational opportunities or po	ostsecondary education opt	ions. Based on the Career (Cluster of interest and	
POST SECONDARY	Sustainable Design, A	INICAL CENTER PRO Architectural, Mechanical, Strual Inne Supervisor, Electrical au	ictural Drafting, Electronic	Sustainable Design, Drafting	COMMUNITY COLLEGE PROGRAM(S) Sustainable Design, Drafting and Design Technology, Alternative Energy Systems Technology, Electronics Technician, Electrical Distribution Technology			PROGRAM(S) ogy, Engineering oution Technology, ering Technology	
CAREER	SAMPLE CAREE Line Main	R SPECIALTIES (tainers, Welders, Plumbers, E		Architectural Drafting, Eng	d to identify appropriate gineering, Instrumentation and erhouse, Substation, Electrical	Control Technicians, Power	Engineering, Nuclear Power Reactor Operator		
CREDIT	参 编 图 **		ARTIC	Charles and the second	JAL ENROLLMENT OPP		4-13-12-12	HERMAN	
R	Seco	ndary to Technical Cer	nter (PSAV)	Secondary to College Credit Certificate or Degree			PSAV/PSV to AAS	or AS to BS or BAS	

Ca	reer Cluster Pathway:	Architecture and Const	ruction			Eligible Recipient:	Grade 9-12 Progra	am #872300
	GONEY			RE CURRICULUM CRE	DITS		8 ADDITION	AL CREDITS
20	ORO MENE IO	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	CAREER AND TECHNICAL EDUCATION COURSES	
El .						FINE or PRACTICAL ARTS (1 cdt)		State University System Admissions)
18	SCH SCHOOL	4 credits	4 credits	3 credits, 2 with lab	3 credits	PHYSICAL EDUCATION (1 cdt)	Major Area of Interest:	
	areer Cluster of interest Personal Education Plan	identified by students en ner through FACTS.org.	rolled in required middle	school career education	course that includes inte	erest assessment and car	eer exploration through	CHOICES and
	9	English 1	Math	Physical Science	World Geography & Teen Leadership AP Human Geography	Норе	Building Constr Tech 1	Elective or World Languag
	10	English 2	Math	Biology	World History Honors	Elective	Building Constr Tech 2	Elective or World Languag
	11	English 3	Math DE/AP Math	Earth Science	American History	Building & Construction Management I	Building Constr Tech 3	LegalAspects of Business
	12	English 4	Math DE/AP Math	Science or Elective	American Government .5 + Ecoonomics .5	Building & Construction Management I, Internship DE / AP Elective	nternship DE/AP Elective	Internship DE/AP Elective
	Dual enrollment course	s may be used to satisfy			eal Vocational Scholars c ht Futures Comprehensi		the Articulation Coord	inating Committee's Dua
DAKY	Secondary career and tec	hnical education programs i	may lead to industry recogr	nized certificates, occupatio		condary education options.	Based on the Career Clus	ter of interest and identified
PUS I SECUNDARY	The same of the sa	ICAL CENTER PROG with Northeast Florida Building	RAM(S)	COMMU	NITY COLLEGE PRO ent; Architectural Design & Co	GRAM(S)	Building Construction I	PROGRAM(S) Management, Architecture, ineering
CAKEEK	SAMPLE CAREER SP Carpenter, Drafter, Mason, E	ECIALTIES (The Ta Building assistant, Cement Mas	STATE OF THE PERSON NAMED IN COLUMN 2	Electrician, Heating & A	entify appropriate care ir Conditioning, Carpenter, Bri lectronic Engineering Technic	Architect, Engineer		
		No. of Contract of		AND RESIDENCE AN	ENROLLMENT OPPO			
CREDII		ary to Technical Center College; Northeast Florida Build			College Credit Certific ns River Community College	PSAV/PSV to AAS or AS to BS or BAS UNF, JU, UF, FSU, UCF, FAMU, FAU, USF, UV		

areer	Cluster Pathway:	Architecture and Constr	uction			Eligible Recipient:	Grade 9-12 Program	n #8722100
30	LEONRY 40	THE PARTY AND ADDRESS.	16 CORE	CURRICULUM CRED	ITS		8 ADDITIONAL	CREDITS
P E D P	O MENE VIDE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES TI	CAREER AND CHNICAL EDUCATION COURSES	RECOMMENDED ELECTIVES (Aligned with
TO BE						FINE or PRACTICAL ARTS (1 cdt)	Major Area of Interest:	State University System Admissions)
100	SH SCHOOL	4 credits	4 credits	3 credits, 2 with lab	3 credits	PHYSICAL EDUCATION (1 cdt)		
0	Career Cluster of inter	est identified by students e	enrolled in required mide ePe	dle school career educat ersonal Education Planne	ion course that includes i or through FACTS.org.	interest assessment and o	career exploration throu	igh CHOICES and
	9	English 1	Math	Physical Science	World Geography & Teen Leadership AP Human Geography	Норе	Carpentry 1	Elective or World Language
	10	English 2	Math	Biology	World History Honors	Elective	Carpentry 2	Elective or World Language
	11	English 3	Math DE/AP Math	Earth Science	American History	Building & Construction Management I	Carpentry 3	LegalAspects of Busines
	12	English 4	Math DE/AP Math	Science or Elective	American Government .5 + Ecoonomics .5	Building & Construction Management I, Internship DE / AP Elective	DE AP Elective	Internship DE/A Elective
	Dual enrollment cours	es may be used to satisfy			eal Vocational Scholars of the state of the		the Articulation Coord	linating Committee's Dua
	Secondary career and te	chnical education programs i	may lead to industry recog	nized certificates, occupation	onal opportunities or postse following postsecondary op	condary education options. otions are available.	Based on the Career Clus	ster of interest and identifie
		NICAL CENTER PROG with Northeast Florida Building	The state of the s		INITY COLLEGE PRO ent; Architectural Design & Co		Building Construction	Y PROGRAM(S) Management, Architecture, gineering
S	SAMPLE CAREER SF Carpenter, Drafter, Mason,	PECIALTIES (The Tage Building assistant, Cement Mar		Electrician, Heating & A	entify appropriate care kir Conditioning, Carpenter, Br Electronic Engineering Technic	ickmasons, Civil/ Electrical	Archite	oct, Engineer
		adomato Took significant	THE RESERVE AND DESCRIPTION OF THE PERSON NAMED IN		ENROLLMENT OPPO		PSAV/PSV to AA	S or AS to BS or BAS
s		ndary to Technical Center College; Northeast Florida Buil			St. Johns River State Colle		CF, FAMU, FAU, USF, UW	

aree	er Cluster Pathway:	Architecture and Co	onstruction			Eligible Recipient: (Grade 9-12	
	ASONRY 40		16 COR	E CURRICULUM C	REDITS		8 ADDITION	NAL CREDITS
X OF AREA P.	RO MENEAL AND THE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED ELECTIVES (Aligno
Nam	H 000 8					FINE or PRACTICAL ARTS (1 cdt)	Major Area of	with State University System Admissions
7.5	GH SCHOOL	4 credits	4 credits	3 credits, 2 with lab	3 credits	PHYSICAL EDUCATION (1 cdt)	Interest:	
	Career Cluster of					ion course that includer through FACTS.org		sment and career
	9	English 1	Math	Physical Science	World Geography/AP Human Geography	Норе	Drafting 1	Elective or World Language
HIGH SCHOOL	10	English 2	Math	Biology	World History/DE World Civ	Elective	Drafting 2	Elective or World Language
	11	English 3	Math DE/AP Math	Earth Science	American History/DE US History	Elective	Drafting 3	LegalAspects of Business
	12	English 4	Math DE/AP Math	Science or Elective	American Government .5 + Ecoonomics .5	Building & Construction Management I, Internship DE / AP Elective	Internship DE/AP Elective	Internship DE/AP Elective
	Ar	ticulation Coordinat	ng Committee's Dua	al Enrollment Equiva	lency List and the Br	Seal Vocational Schol ight Futures Comprel	nensive Course Ta	ble.
DARY	Secondary career a					opportunities or postse owing postsecondary or		ptions. Based on the
POSTSECONDARY		AL CENTER PRO p with Northeast Florida Masonry			TY COLLEGE PR ement; Architectural Des Technology;		Building Constru	PROGRAM(S) action Management, e, Engineering
CAREER	SAMPLE CAREER Carpenter, Drafter, M	R SPECIALTIES lason, Building assistant Concrete Finishers	CHARLES AND AND ADDRESS OF THE PARTY OF THE	Electrician, Heating &	y be used to identi Air Conditioning, Carpen /Electronic Engineering 1		The same of the sa	ct, Engineer
		THE LEWIS CO.		WHEN PERSON NAMED IN COLUMN 2 IS NOT THE OWNER.	ENROLLMENT OP	THE REAL PROPERTY AND PERSONS ASSESSMENT OF THE PERSONS ASSESSMENT OF		
CKEDII		y to Technical Cen mmunity College; Northe Apprenticeship Program	ast Florida Builders			River Community College; FCCJ PSAV/PSV to AAS of UNF, JU, UF, FSU, USF,		
eeil	ole Industry Certific	ations (Students)						

eer C	uster Pathway:	Health Science Education				Eligible Recipient:	Grades 9-12	847130/8417160
e v.A	GLEA			CORE CURRICULUM CREI	DITS		8 ADDITION	AL CREDITS
ROMEDIC	M E N E N E N E N E N E N E N E N E N E	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	CAREER AND	RECOMMENDED
9	(C) REERING	4 414-	A	2	3 credits	Fine or Practical Arts (1 cdt)	TECHNICAL EDUCATION COURSES	ELECTIVES (Aligned with State University System
HOS	SCHOOL PITAL	4 credits	4 credits	3 credits, 2 with lab	3 credits	Physical Education (1 cdt)	Major Area of Interest:	Admissions)
		of interest identified by cation Planner through	students enrolled in required	d middle school career ed	ucation course that include	s interest assessment and	I career exploration throug	h CHOICES and
	9	English 1 or English 1 Honors	Math	Physical Science or Biology Honors	World Geography	Норе	Health Careers 1	Computing for College and Careers
4	10	English 2 or English 2 Honors	Math	Biology or Biology Honors	World History Honors	Elective	Health Careers 2	Medical Terminology
HIGH SCHOOL	11	English 3	Math	Chemistry	American History	Elective	Allied Health 3	Intro to Health Career Delive Systems
2	12	English 4	Math, College Algebra, Elem. Statistics	Anatomy & Physiology; Lab or AP Honors	American Govt & Economics, DE Marco Economics, DE US Fed. Gov't.	Human Nutrition .5 then Humanities .5 or Internship	Electrocardiograph Aide 3	Concepts of Diseases .5 the Health Care Law .5 or Internship
			to satisfy high school gradu		ld Seal Vocational Scholars	s course requirements - se	e the Articulation Coordin	ating Committee's Dual
TOS I SECONDAN	Secondary car	eer and technical educa	tion programs may lead to in nical education program, the	dustry recognized certific		nities or postsecondary e	ducation options. Based o	n the Career Cluster of
3		TECHNICAL CENTER F	PROGRAM(S)	COM	MUNITY COLLEGE PROGR	UNIVERSITY PROGRAM(S)		
	Control of the Contro	tifications offered in Medic dical Assisting; First Respo	cal Information Coder/Billing; onder; Phlebotomy		ngement; Health Services Ma logic Technology; Respiratory			pursue a science degree g the MCAT
í	SAMPLE	CAREER SPECIALTIES	一点,我们将我	Occupations List may be	used to identify appropriat	(The Targeted		
מאורבו		tifications offered in Medic	cal Information Coder/Billing; onder; Phlebotomy	Nurse, Radio	logical Specialist, Respirator	y Care Nurse.	Medica	I Doctor
				ARTICULATION AND CTE	DUAL ENROLLMENT OPPO	ORTUNITIES		
	3	Secondary to Technical	Center (PSAV)	Secondary	to College Credit Certificat	e or Degree	PSAV/PSV to AAS	or AS to BS or BAS
5		First Coast Technica	al College		St. Johns River State Collegerida State College			a, Florida State University, of Florida
CAEDII								

reer Clus	ter Pathway:	Marketing, Sales and	THE RESERVE THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER.		The second secon	Eligible Recipient:		Program #: 883911
	*	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDE
Academy Internation Business & Marketin	of laal &	4 credits	4 credits	3 credits	3 credits	2 credits	Major Area of Interest 4 credits	ELECTIVES
	Career Clu	uster of interest identi	fied by students e exploration thr	nrolled in required nough CHOICES and	niddle school career e ePersonal Education F	ducation course that Planner through FA	at includes interest ass CTS.org.	sessment and car
70	9	English	Math	Science	World Geography or World Honors	HOPE	Marketing Essentials	Foreign Language (Chi recommended)
нісн ѕсноог	10	English	Math	Science	World History or Int'l Relations Honors	Fine or Practical Art	Int'l Marketing I	Foreign Language (Chi recommended)
GHS	11	English	Math	Science	U S History	Elective	Int'l Marketing II	Foreign Language (Chi recommended)
Ī	12	English	Math	Science	Government and Economics	Business Law	Int'l Marketing III	Foreign Language (Chi recommended)
POSTSECONDARY	Secondary ca Career Cluste TECH Industrial Equipr	Dual Enrollment Equivalence and technical education of interest and identified HNICAL CENTER PROMETER (PROMETER PROMETER PROMETER (PROMETER PROMETER PROMETER PROMETER PROMETER (PROMETER PROMETER PROMET	ation programs may ed career and technic ROGRAM(S)	lead to industry recogr cal education program	ensive Course Table. nized certificates, occupa , the following postsecon NITY COLLEGE PRO ; International Business (AS)	dary options are avail	able.	PROGRAM(S)
æ		AREER SPECIALTIE ted Occupations Lis		o identify appropri	ate careers.)		建建建	
CAREER		Customer Service Representa ; Sales Manager	atives; Shipping &		; Business Operations Specia Iministrators; Financial Analys		Logistics Manager, Transpo Planning and Control Manag Marketing Managers; Purch	ger; Financial Manager
CREDIT	ARTICULATION AND CTE DUAL ENROLLMENT Secondary to Technical Center (PSAV)			OPPORTUNITIES Secondary to College Credit Certificate or Degree SJRSC: Microcomputer Applications Systems FSC at Jax.: Intro to Business, Intl. Mrktg, Cultural Div. in Intl Bus.			PSAV/PSV to AAS or AS to BS or BAS UNF, JU, UF, FSU, UCF Intro. To Global Bus./Bus. Law/ Ethics	

	ster Pathway	: Business Managem	ent and Administr	ation		Eligible Recipient:	Grades 9-12	Program 8216100			
			16 CO	RE CURRICULUM (CREDITS		8 ADDITION	AL CREDITS			
PONTE VED	ARA .	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED ELECTIVES			
Academy Internation Business Marketin	nal	4 credits	4 credits	3 credits	3 credits	COURSES 2 credits	EDUCATION COURSES Major Area of Interest: 4 credits ncludes interest asse Computing for College & Careers Accounting Applications I				
		er of interest identified prough CHOICES and				ation course that inc	ludes interest asses	sment and career			
4	9	English	Math	Science	World Geography or World Honors	HOPE	Computing for College & Careers	Foreign Language (Chinese recommended			
HIGH SCHOOL	10	English	Math	Science	World History or Int'l Relations Honors	Fine or Practical Art		Foreign Language (Chinese recommended			
2	11	English	Math	Science	U S History	Elective	Int'l Business Systems	Foreign Language (Chinese recommended			
	12	English	Math	Science	Government and Economics	Business Law	Int'l Finance & Law	Foreign Language (Chinese recommended			
	Dual enrollment courses may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements - see Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.										
DARY	Secondary career and technical education programs may lead to industry recognized certificates, occupational opportunities or postsecondary education options. Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available										
POSTSECONDARY	Industrial	NICAL CENTER PF Equipment Mechanics; Ele ; Avionics Technicians; Dis Inventory Specialis	ectrical/Electronic stribution Associate;		ITY COLLEGE PR ninistration; International Marketing (AS)	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	Logistics; Business; I	PROGRAM(S) nternational Business; g; Finance			
			(The Targeted O		REER SPECIALTIES by be used to identif		ers)				
CAREER		Customer Service Represe Shipping & Receiving C	ntatives;	Accountants & Audito Specialist; Databas	rs; Business Operations S se Administrators; Financia ncial Advisors; Sales Man	Specialists; Freight Rate al Analysts; Personal	Logistics Manager, Tr Inventory Planning a Financial Managers;	ansportation Manager and Control Manager; Marketing Managers; ng Agents			
8					AL ENDOLLMENT	OPPORTUNITIES					
CREDIT		dary to Technical Ce	A DATE OF THE PARTY OF THE PART	The second control of	College Credit Certi	The second secon	DCAV/DCV to AAS	or AS to BS or BAS			

4100	- Gradier - Latinary		ogy, Engineering, Mat	E CURRICULUM C	REDITS	THE REPORT OF THE	8 ADDITION	AL CREDITS
	PONTE VEDRA	ENGLISH	матн	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	CAREER AND TECHNICAL EDUCATION COURSES	RECOMMENDED
	HIGH SCHOOL Academy of Biotechnology & Medical Research	4 credits	4 credits	3 credits	3 credits	2 credits	Major Area of Interest 4 credits	ELECTIVES
	Career Cluster of in exploration through	terest identified by CHOICES and ePe	students enrolled in re rsonal Education Plan	equired middle school ner through FACTS.	ol career education org.	course that includes	interest assessmer	t and career
70	9	English	Geometry or Algebra Honors	Physical Science or Biology 1 Honors	Social Studies	HOPE	Biotechnology I	Foreign Language (Latin recommende
<u> </u>			Algebra 2 or Algebra	Chemistry or Chemistry Honors	Social Studies	Fine or Practical Art	Biotechnology II	Foreign Language (Latin recommende
CHO	10	English	2 Honors				THE PERSON NAMED IN COLUMN TWO	Fersian Language
дн ѕсно	10	English English	Pre-Calculus	Physics or AP Science	Social Studies	Elective	Biotechnology III	
HIGH SCHOOL					Social Studies	Elective	Biotechnology III Experimental Science	(Latin recommended Foreign Language
нісн ясно	11 12 Dual enrollment co	English English	Pre-Calculus	AP Science AP Science graduation or Bright	Social Studies Futures Gold Seal	Elective Vocational Scholars	Experimental Science	(Latin recommender Foreign Language (Latin recommender
	11 12 Dual enrollment co Articulation Coordi Secondary career a options. Based on	English English urses may be used to the committee's and technical educate the Career Cluster of	Pre-Calculus AP Calculus to satisfy high school of the programs may lead of interest and identification.	AP Science AP Science graduation or Bright valency List and the d to industry recogn ed career and technic	Social Studies Futures Gold Seal Bright Futures Con ized certificates, oc cal education prog	Elective Vocational Scholars of the propertional opportunitional, the following posture of the propertion of the properties of the proper	Experimental Science course requirement fable. ities or postseconda stsecondary options	(Latin recommended Foreign Language (Latin recommended seems - see the ary education seare available.
	11 12 Dual enrollment co Articulation Coordi Secondary career a options. Based on	English English urses may be used to nating Committee's and technical educated.	Pre-Calculus AP Calculus to satisfy high school of the programs may lead of interest and identification.	AP Science AP Science graduation or Bright valency List and the d to industry recogn ed career and technic	Social Studies Futures Gold Seal Bright Futures Con ized certificates, of	Elective Vocational Scholars of the propertional opportunitional, the following posture of the propertion of the properties of the proper	Experimental Science course requirement fable. ities or postseconda stsecondary options UNIVERSITY	(Latin recommended Foreign Language (Latin recommended) S - see the ary education S are available. PROGRAM(S)
	11 12 Dual enrollment cordination Coordination Coordina	English English urses may be used to nating Committee's and technical educate the Career Cluster of the Career of the	Pre-Calculus AP Calculus to satisfy high school Dual Enrollment Equivation programs may lead of interest and identified OGRAM(S) air Technology (workforce)	AP Science AP Science graduation or Bright valency List and the d to industry recogned career and technic COMMUNITATION Biomedical Engine	Social Studies Futures Gold Seal Bright Futures Con ized certificates, oc cal education prog	Vocational Scholars of the prehensive Course Tocupational opportunities, the following posteroid ROGRAM(S)	Experimental Science course requirement fable. ities or postsecondary options UNIVERSITY Biomedical Science Agricultural & biological technology; Biore	ry education are available.
POSTSECONDARY	11 12 Dual enrollment cordination Coordination Coordina	English English Urses may be used to nating Committee's and technical educate the Career Cluster (CAL CENTER PR.) Maintenance and Repart Bioinformatics (Advance)	Pre-Calculus AP Calculus to satisfy high school Dual Enrollment Equivation programs may lea of interest and identified OGRAM(S) air Technology (workforce led Certificate)	AP Science AP Science graduation or Bright valency List and the d to industry recogned career and technic COMMUNIT Biomedical Engine Technolog	Social Studies Futures Gold Seal Bright Futures Con ized certificates, oc cal education prog TY COLLEGE Pl ering Technology; Bioto py; Chemical Laborator	Elective Vocational Scholars of the prehensive Course Tocupational opportunitions, the following posterom, the following posterom (S) echnology Laboratory by Specialist;	Experimental Science course requirement fable. ities or postseconda stsecondary options UNIVERSITY Biomedical Science Agricultural & biological technology; Bior Technology	(Latin recommended Foreign Language (Latin recommended) S - see the ary education Foreign Language (Latin recommended) S - see the ary education Foreign Language are available. PROGRAM(S) De; Nanotechnology; Foreign Language Redical Engineering
	Dual enrollment con Articulation Coordin Secondary career a options. Based on TECHNIC Biomedical Equipment certificate);	English English Urses may be used to nating Committee's and technical educate the Career Cluster (CAL CENTER PR.) Maintenance and Repart Bioinformatics (Advance)	Pre-Calculus AP Calculus to satisfy high school Dual Enrollment Equivation programs may lea of interest and identified OGRAM(S) air Technology (workforce led Certificate) The Targeted Occup Repair Technician;	AP Science AP Science graduation or Bright valency List and the d to industry recogned career and technic COMMUNIT Biomedical Engine Technolog SAMPLE CAREE pations List may be	Social Studies Futures Gold Seal Bright Futures Con ized certificates, oc cal education prog TY COLLEGE Pl ering Technology; Bioto py; Chemical Laborator	Elective Vocational Scholars in prehensive Course Tecupational opportunitions, the following posterom, the following posterom (S) echnology Laboratory y Specialist; appropriate careers	Experimental Science course requirement fable. ities or postsecondary options UNIVERSITY Biomedical Science Agricultural & biological technology; Biomedical Science Molecular Biologis Biomedical Enginee Microbiology and	(Latin recommended Foreign Language (Latin recommended) S - see the Iry education S are available. PROGRAM(S) Ex: Nanotechnology; al engineering; Chemic medical Engineering gy; Biology
POSTSECONDARY	11 12 Dual enrollment cordination Coordination Coordina	English English Urses may be used to nating Committee's and technical educate the Career Cluster of EAL CENTER PR Maintenance and Repart Bioinformatics (Advancement Maintenance and Center Comment Maintenance and Center Cent	Pre-Calculus AP Calculus to satisfy high school Dual Enrollment Equivation programs may lead of interest and identifice OGRAM(S) air Technology (workforce led Certificate) The Targeted Occupate Repair Technician; an	AP Science AP Science graduation or Bright valency List and the d to industry recogned career and technic COMMUNIT Biomedical Engine Technolog SAMPLE CAREE pations List may be Biological Illustration ON AND CTE DUAL	Social Studies Futures Gold Seal Bright Futures Con ized certificates, oc cal education prog TY COLLEGE Pl ering Technology; Biote py; Chemical Laborator ER SPECIALTIES a used to identify n; biomedical technicia	Elective Vocational Scholars of the prehensive Course To scupational opportunition, the following posteron, the following posteron opportunity of the prehensive Course To scupational opportunity of the prehensive Course To school of the prehensive Course To sc	Experimental Science course requirement fable. ities or postsecondar stsecondary options UNIVERSITY Biomedical Science Agricultural & biological technology; Biorr Technology Molecular Biologis Biomedical Enginee Microbiology and Patt	(Latin recommended Foreign Language (Latin recommended Latin recom

7	aotor i danvay	: Science, Technology, Engi		OODE CURRIQUE UM ODER	170	Eligible Recipient:		Program 8600080			
0			16 (CORE CURRICULUM CREDI	IIS		8 ADDITIONA	AL CREDITS			
_	St. Johns County	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	CAREER AND TECHNICAL EDUCATION	RECOMMENDED ELECTIVES			
T	St. Augustine High School	4 credits	4 credits	3 credits, 2 with lab	3 credits	Fine or Practical Arts (1 cdt)	COURSES	(Aligned with State University System			
1	Embry-Riddle Aeronautical University	4 credits	4 credits	5 credits, 2 with lab	3 credits	Physical Education (1 cdt)	Major Area of Interest:	Admissions)			
*	Career (Cluster of interest identified	by students enrolled in red		r education course that in Planner through FACT		nt and career exploration the	ough CHOICES and			
	9	English 1	Algebra 1/Pre-AICE Math 2	Physical Science/Pre- AICE Biology	Elective	HOPE	Aerospace Technology I	Elective or Foreign Language			
	10	English 2	Geometry/Pre AICE Math 3	Biology/Pre-AICE Chemistry	World History	Fine OR Practical ARTS (1 cdt)	Aerospace Technology II	Elective or Foreign Language			
	11	English 3	Algebra 2/DE College Alg & DE Pre-Cal/Pre Calculus/AP Calculus/AICE Math	Earth Space Science/AICE Physics	American History	AS 121 Ground School	Aerospace Technology III/SP 110 Space Flight and Adv. Space Technology	Elective or Foreign Language			
	12	English 4/English 4 Honors/AICE English Lit/AP English	Algebra 2/AP Calculus	Chemistry/Physics Honors	Economics / Government	AS 121 Ground School	Adv. Technology Application/EGR 101 Intro to Engineering & EGR 115 Computing for Engineers	Elective or Foreign Language			
	Dual enrollment courses may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements - see the Articulation Coordinating Committee's Du Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.										
	Secondary career and technical education programs may lead to industry recognized certificates, occupational opportunities or postsecondary education options. Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.										
	TECHNICAL CENTER PROGRAM(S)			NAME AND ADDRESS OF TAXABLE PARTY.	UNITY COLLEGE PROG	UNIVERSITY PROGRAM(S)					
	Workford	ee certificates in Aircraft Airfra Powerplant Mechanics;		Aviation Maintenance M Aviation Operations		Air Traffic Control (A.S.); lot Technology (A.S.)	Aeronautical Science; Aeronau Air Traffic Management; App Maintenance Science; Civi Engine	lied Meteorology; Aviation Engineering; Computer			
	SAMPLE	E CAREER SPECIALTIES	BOUND A	Occupations List may be u	used to identify appropri	ate careers)		(The Targeted			
	Airframe	mechanic; Aircraft & powerpl Specialist; Sheet metal		Pilot; Air Traffic Controller;	AND REAL PROPERTY OF THE PARTY		Engineers; Airport Architec Specialist; Aviation Medic				
	13 b 2 f 2			ARTICULATION AND CTE D	UAL ENROLLMENT OP	PORTUNITIES					
		Secondary to Technical Co Florida Community College a			o College Credit Certification Community College at Jac		PSAV/PSV to AAS o Embry-Riddle Aeror				
ible Ir		ications (Students):									

	Career Cluster Pathway:	Public Service Education				Eligible Recipient:		
	- ANNY		16 (CORE CURRICULUM CRE	DITS		8 ADDITION	AL CREDITS
	***	ENGLISH	GLISH MATH	SCIENCE	SOCIAL STUDIES	OTHER REQUIRED COURSES	CAREER AND TECHNICAL EDUCATION	RECOMMENDED ELECTIVES (Aligne with State University System Admissions)
	ST. AUGUSTINE HIGH SCHOOL	4 credits	4 credits	3 credits, 2 with lab	3 credits	FINE or PRACTICAL ARTS (1 cdt)	COURSES	
	Academy of Future Teachers	4 credits	4 credits	5 credits, 2 with lab	3 Geuits	PHYSICAL EDUCATION (1 cdt)	Major Area of Interest:	
B0000	areer Cluster of interest in prough FACTS.org.	dentified by students enrolle	d in required middle schoo	I career education course the	at includes interest assessr	nent and career exploration	through CHOICES and ePer	sonal Education Planne
	9	English 1	Algebra 1	SCIENCE	Teen Leadership & PE	HOPE(1 cdt)	Teacher Assisting 1	WORLD LANGUAGE
CHOOL	10	English 2	матн	SCIENCE	World History	Fine Arts	Teacher Assisting 2	WORLD LANGUAGE
нісн ѕсноог	11	English 3	MATH	SCIENCE	American History or 2 dual enrollment world history courses	2 dual enrollment social science courses	Teacher Assisting 3	DEP 2004 Human Growth
	12	English 4	2 Dual Enrollment Maths	2 Dual Enrollment Lab Sciences or SCIENCE	Economics and Government	2 HUMANITIES courses	Teaching Assisting 4	SLS 1301 Career Develop a EME 2040 Ed Technolog
		ay be used to satisfy high so right Futures Comprehensiv		Futures Gold Seal Vocationa	l Scholars course requirem	ents - see the Articulation (Coordinating Committee's Di	ual Enrollment
DARY S		nical education programs m tion program, the following p		zed certificates, occupationa available.	opportunities or postseco	ndary education options. E	ased on the Career Cluster	of interest and identified
ECONDARY S &	areer and technical educa	tion program, the following p	oostsecondary options are	available.				of interest and identified
	areer and technical educa		oostsecondary options are	available.	Il opportunities or postseco MUNITY COLLEGE PROGR. Early Childhood (AS degree);			PROGRAM(S) n degrees:
POSTSECONDA	areer and technical educa	tion program, the following p	oostsecondary options are	available.	MUNITY COLLEGE PROGRA Early Childhood (AS degree);		<u>UNIVERSITY</u> Education Ph.D./Ed.D., Ed.S.	PROGRAM(S) n degrees:
CAREER POSTSECONDARY	areer and technical educa	tion program, the following posterior program EMNICAL CENTER PROGRAM Early Childhood Education	costsecondary options are	available. COM	MUNITY COLLEGE PROGRA Early Childhood (AS degree); (The Targeted Occupations Paraprofessional / teacher aide	AM(S) List may be used to identif	UNIVERSITY Education Ph.D./Ed.D., Ed.S. y appropriate careers.)	PROGRAM(S) n degrees:
POSTSECONDA	areer and technical educa	tion program, the following of CHNICAL CENTER PROGRAM Early Childhood Education SAMPLE CAREER SPE	costsecondary options are M(S) CCIALTIES ART	available. COM COM	MUNITY COLLEGE PROGRA Early Childhood (AS degree); (The Targeted Occupations Paraprofessional / teacher aide	AM(S) List may be used to identif	UNIVERSITY Education Ph.D./Ed.D., Ed.S. y appropriate careers.) Teacher,	PROGRAM(S) n degrees: , MAE, M.Ed., BAE

Career Cluster: AGRICULTURE, FOOD, AND NATURAL RESOURCES

Secondary CTE Program: WATER RESOURCES T

Eligible Recipient: Grade 9-12

MOLOGY

Career Cluster Pathway: WATER RESOURCES TECHNOLOGY Academy of Environmental Services 16 CORE CURRICULUM CREDITS **8 ADDITIONAL CREDITS** CAREER AND SOCIAL OTHER REQUIRED TECHNICAL EDUCATION COURSES RECOMMENDED **ENGLISH** MATH SCIENCE **STUDIES** COURSES **ELECTIVES** (Aligned with FINE or PRACTICAL ARTS (1 State University System Admissions) Major Area of Interest: 4 credits 4 credits 3 credits PHYSICAL EDUCATION (1 cdt) 3 credits, 2 with lab Career Cluster of interest identified by students enrolled in required middle school career education course that includes interest assessment and career exploration through CHOICES and ePersonal Education Planner through FACTS.org. World Geography & Introduction to Science/Math Prep 9 English 1 Earth Science Teen Leadership Hope **Environmental Water** Elective or World Language Algebra I Human Geography Technology (8007110) Intermediate Environmental HIGH SCHOOL 10 English 2 Geometry **Environment Science** World History Honors Elective Water Technology Elective or World Language (8007120) Advanced Environmental 11 English 3 Liberal Arts Math Biology American History Intern I Water Technology Intern II (8007130) Water Quality Resources 4 American Government .5 + Internship 12 English 4 Algebra II Chemistry Elective Ecoonomics .5 DE/AP Elective Dual enrollment courses may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements - see the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table. Secondary career and technical education programs may lead to industry recognized certificates, occupational opportunities or postsecondary education options. Based on the Career Cluster of interest and identified POSTSECONDARY career and technical education program, the following postsecondary options are available. **TECHNICAL CENTER PROGRAM(S)** COMMUNITY COLLEGE PROGRAM(S) UNIVERSITY PROGRAM(S) Electrician, Horticulture, Building Engineering, Engineering Technology, Pipefitter, Land Management, Forestry, Water Resource Management, Laboratory Science BA - Environmental Studies, BS - Environmental Welding, ater Treatment Plant Operator Management, Environmental Natural Resources, Fisheries and Wildlife, Ocean Engineering, Civil Engineering, and Chemical Engineering SAMPLE CAREER SPECIALTIES (The Targeted Occupations List may be used to identify appropriate careers.) CAREER Reservoir Manager, Electrician, Pump Station Operator, Water Treatment Plant Lab Technician, Surveyor, Construction Manager, Engineering Technician, Water Environmental Water / Wastewater Engineer, Operator, Lab Technician, Welder Treatment Plant Operator, Wastwater Treatment Plant Operator, Water Distribution Environmental Project Manager, Ecologist, Plant Operator Oceanographer, Marine Scientist, Environmental Engineer CREDIT ARTICULATION AND CTE DUAL ENROLLMENT OPPORTUNITIES Secondary to Technical Center (PSAV) Secondary to College Credit Certificate or Degree PSAV/PSV to AAS or AS to BS or BAS Possible Industry Certifications (Students): CPR Certification, Class C Water Treatment Plant Operator or Class C Wastewater Treatment Plant Operator Secondary:

Postsecondary: Water, Wastewater and/or Water Distribution