ARTICULATION INDUSTRY CERTIFICATIONS TO ASSOCIATE IN SCIENCE (A.S.) DEGREE PROGRAMS

FSCJ — Florida State College at Jacksonville

NOTE: Courses are subject to change by curricular or program changes or state mandate.

ARTS, HUMANITIES, COMMUNICATION AND DESIGN		interiordesign@fscj.edu	
CERTIFICATION	**COLLEGE CREDIT COURSE**	**CREDITS**	**FSCJ A.S. / Bachelor's DEGREE**
Autodesk Certified User – AutoCAD	IND 2460C – Interior Design – Computer Aided Drafting and Design	3	Interior Design
AutoCAD Autodesk Certified User Revit	IND 2462 Revit for Interior Architecture	3	Interior Design

BUSINESS		bsbusinessadmin@fscj.edu	
CERTIFICATION	**COLLEGE CREDIT COURSE**	**CREDITS**	**FSCJ A.S. DEGREE**
Accredited Legal Professional / Accredited Legal Secretary	OST 1384 – Introduction to Customer Service OST 2335 – Applied Business Communication	6	Office Administration
Microsoft Office Specialist Master	CGS 1100 – Microcomputer Applications for Business and Economics	3	Business Administration Accounting Technology Office Administration Supply Chain Management
QuickBooks Certified User	ACG 2450 – Computerized General Ledger Accounting	3	Accounting Technology
Year Up PTC Completion	IDS 1107 – Strategies for the Pursuit of Knowledge SPC 2605 Speech Communications for Business Professionals INP 1390 – Human Relations in Business and Industry GEB 1011 – Introduction to Business	12	All Applicable Degree Programs
Certified Bookkeeper	ACG 2021 – Financial Accounting	3	Accounting Technology
Series 7	FIN 2000 – Principles of Finance	3	Business Administration Accounting Technology
Certified Logistics Technician	TRA 2098 – Warehouse Management	3	Supply Chain Management
Professional Legal Secretary	OST 1384 – Intro to Customer Service OST 1581 – Professional Development in the Work Environment OST 2335 – Applied Business Communication	9	Office Administration
QuickBooks Certified User	ACG 2021 – Financial Accounting	3	Business Administration
Entrepreneurship and Small Business	GEB 1011 – Introduction to Business	3	Business Administration
Master Entrepreneurship	GEB 1011 – Introduction to Business	3	Business Administration

EDUCATION			eceinformation@fscj.edu
CERTIFICATION	**COLLEGE CREDIT COURSE**	**CREDITS**	**FSCJ A.S. DEGREE**
Microsoft Office Specialist Master	CGS 1100 – Microcomputer Applications for Business and Economics	3	Early Childhood Management
Episcopal Children's Services CDA Plus	EEC 1010 – Intro to Early Childhood EDG 2940 – Observing and Recording Child Behavior	9	Early Childhood Management
ELC Duval or FL Institute of Education Enhancing Leadership Early Learning Services	EEC 2523 – Overview of Early Childhood Mgmt. EEC 2520 – Child Care and Education Org. Leadership & Mgmt. EEC 2526 – Child Care and Education Programming	9	Early Childhood Management
Child Care Center, Public or Private School Serving ages 0 -8 years of age – Documenting 480 hours of work with children	EDG 2940 – Observing and Recording Child Behavior	6	Early Childhood Management
Florida Early Childhood Prof Cert (ECPC)	EEC 1010 – Intro to Early Childhood EDG 2940 – Observing and Recording Child Behavior	9	Early Childhood Management
Florida Childcare Prof Cert (FCCPC)	EEC 1010 – Intro to Early Childhood EDG 2940 – Observing and Recording Child Behavior	9	Early Childhood Management
Council for Professional Recognition National Child Development Associate (CDA)	EEC 1010 – Intro to Early Childhood EDG 2940 – Observing and Recording Child Behavior	9	Early Childhood Management
Council for Professional Recognition Child Development Associate (CDA)	EEC 1010 – Intro to Early Childhood EDG 2940 – Observing and Recording Child Behavior	9	Early Childhood Education (B.S.)

HEALTH SCIENCE			biotechnologylaboratorytechnology@fscj.edu
CERTIFICATION	**COLLEGE CREDIT COURSE**	**CREDITS**	**FSCJ A.S. DEGREE**
Biotechnician Assistant	BSC 1421C – Introduction to Biotech Methods	4	Biotechnology Laboratory Technology
		hcic@fscj.edu	
Emergency Medical Technician	EMS 1119 – EMT Lecture/Didactic EMS 1119L – EMT Skills Lab EMS 1421C – EMT Clinical Experience (ED & Field)	12	Emergency Medical Services

HEALTH SCIENCE		hcic@fscj.edu	
CERTIFICATION	**COLLEGE CREDIT COURSE**	**CREDITS**	**FSCJ A.S. DEGREE**
30 Hour OSHA	BCN 2732 OSHA Safety	3	Environmental Science
40 Hour HAZWOPRER	EVR 2613 – Hazardous Materials Emergency Response EVR 2613L – Hazardous Materials Emergency Response Lab	4	Environmental Science
Certified Phlebotomy Technician NATHA007	MLT 1022C – Intro to Health Technology	3	Medical Laboratory Technology
Certified Phlebotomy Technician AMSPT002	MLT 1022C – Intro to Health Technology	3	Medical Laboratory Technology
Registered Phlebotomy Technician AMEDT005	MLT 1022C – Intro to Health Technology	3	Medical Laboratory Technology
American Registry of Radiologic Technician Certified Hospital Training Program	RTE 4444 – Articulated Credit	48	Radiography
American Red Cross or National Safety First AID/CPR AED	HSC 2400 – Standard First Aid CPR	3	All Related Programs
		nursingadn@fscj.edu	
Licensed Practical Nurse (LPN)	NUR 3333 – Articulated Credit	10	Nursing
Paramedic	NUR 3333 – Articulated Credit	10	Nursing
Registered Nurse	NUR 1020C – Health and Wellness Across the Lifespan I NUR 1023C – Health and Wellness Across the Lifespan II NUR 1460C – Health – Illness Concepts Across the Lifespan I NUR 1212C – Health Alterations Across the Lifespan I NUR 1025C – Health – Illness Concepts Across the Lifespan II NUR 2214C – Health Alterations Across the Lifespan II NUR 2243C – Nursing Concepts: Families in Crisis-Complex Health Problems NUR 2242C – Nursing Concepts: Families in Crisis - Complex Health Problems II NUR 2960 – NCLEX Review	42	Bachelor of Science in Nursing

PUBLIC SAFETY		criminaljustice@fscj.edu	
CERTIFICATION	**COLLEGE CREDIT COURSE**	**CREDITS**	**FSCJ A.S. DEGREE**
Florida Department of Law Enforcement Corrections	CJC 2000 – Corrections CCJ 2030 – Diversity Crime and Society CCJ 1020 – Intro to Criminal Justice CCJ 2930 – Special Topics in Criminal Justice	12	Criminal Justice Technology
JSO Community Service Officer	CCJ 2053 – Ethics in Criminal Justice CCJ 2930 – Special Topics in Criminal Justice	6	Criminal Justice Technology
Florida Department of Law Enforcement Basic Law Enforcement	CJL 2400 – Criminal Law CJL 2130 – Criminal Procedure CCJ 2930 – Special Topics in Criminal Justice CJE 2600 – Criminal Investigation CJE 2000 – Policing CJE 1651 – Intro to Crime Analysis	18	Criminal Justice Technology Public Safety Management (B.A.S)
911 Public Safety Telecommunicator	CCJ 2930 – Careers in Criminal Justice	3	Criminal Justice Technology
		firesciencetech@fscj.edu	
Florida Division of State Fire Marshal Fire Safety Inspector I	FFP 2505 – Fire Prevention Practices FFP 2540 - Private Fire Protection Systems I FFP 2120 – Fire Service Building Construction FFP 2670 – Legal Issues in the Fire Service	12	Fire Science Technology
Florida Division of State Fire Marshal Firefighter II	FFP 1702 – Principles of Emergency Services	3	Fire Science Technology
Florida Division of State Fire Marshal Pump Operator	FFP 2301 – Fire Service Hydraulics	3	Fire Science Technology
Florida Division of State Fire Marshal Fire Officer I	FFP 2810 – Fire Fighting Tactics and Strategy I FFP 2730 – Fire Department Administration FFP 2740 – Fire Service Course Delivery FFP 2505 – Fire Prevention Practices FFP 1540 – Private Fire Protection Systems I	18	Fire Science Technology

PUBLIC SAFETY		firesciencetech@fscj.edu	
CERTIFICATION	**COLLEGE CREDIT COURSE**	**CREDITS**	**FSCJ A.S. DEGREE**
Florida Division of State Fire Marshal Fire Officer II	FFP 2505 – Fire Prevention Practices FFP 2540 – Private Fire Protections Systems FFP 2120 Fire Chemistry FFP 2610 – Fire Behavior and Combustion FFP 2730 – Fire Department Administration FFP 2670 – Legal Issues in the Fire Service	18	Fire Science Technology
Emergency Medical Technician **OR** Paramedic	EMS 1119 Fundamentals of Emergency Care EMS 1119L – EMT Lab Skills EMS 1421 – EMT Clinical Experience	12	Fire Science Technology Public Safety Management (B.A.S)
		legalstudies@fscj.edu	
Microsoft Office Specialist Master	CGS 1100 – Microcomputer Applications for Business and Economics	3	Paralegal Studies

SOCIAL AND BEHAVIORAL SCIENCES AND HUMAN SERVICES		culinary@fscj.edu OR hospitality@fscj.edu	
CERTIFICATION	**COLLEGE CREDIT COURSE**	**CREDITS**	**FSCJ A.S. DEGREE**
Certified Food Protection Manager (ServSafe)	FOS 1201 Sanitation and Safety	3	Culinary Management Hospitality and Tourism Management
National ProStart Certificate of Achievement	HTF 1000 – Intro to Hospitality	3	Culinary Management Hospitality and Tourism Management
	FSS 2942 – Culinary Management Internship	3	Culinary Management
Certified Culinarian	FOS 1201 Sanitation and Safety	3	Culinary Management
Certified Food Safety Manager	FOS 1201 Sanitation and Safety	3	Culinary Management

INDUSTRY, MANAUFACTURING AND CONSTRUCTION		act@fscj.edu	
CERTIFICATION	**COLLEGE CREDIT COURSE**	**CREDITS**	**FSCJ A.S. DEGREE**
NCCER Construction Technology	BCN 1210C – Construction Materials	3	Architectural Design and Construction Technology
Certified Apprentice Drafter – Architectural	ETD 1100 - Engineering Drawing	3	Architectural Design and Construction Technology
Chief Architect Certified Apprentice	ETD 1100 – Engineering Drawing	3	Architectural Design and Construction Technology
Autodesk Certified User AutoCAD	CGS 2470 – Computer Aided Drafting and Design	3	Architectural Design and Construction Technology
Autodesk Certified User Revit Architecture	ETD 2395 – CAD Architectural	3	Architectural Design and Construction Technology

INDUSTRY, MANAUFACTURING AND CONSTRUCTION		act@fscj.edu	
CERTIFICATION	**COLLEGE CREDIT COURSE**	**CREDITS**	**FSCJ A.S. DEGREE**
Autodesk Certified Professional – Revit Architecture	ETD 2395 – CAD Architectural	3	Architectural Design and Construction Technology
30 Hour OSHA	BCN 2732 OSHA Safety	3	Building Construction Technology Industrial Management Technology Environmental Sciences Engineering Technology
Autodesk Certified User – Revit Architecture	BCN 1251 – Construction Drawing	3	Building Construction Technology
NCCER Construction Technology	BCN 1210C – Construction Materials	3	Building Construction Technology
Series 7	FIN 2000 – Principles of Finance	3	Industrial Management Technology
		autodiesel@fscj.edu	
Automotive Service Excellence Master Tech Certs A1-A8	AER 2957 – Automotive Internship I AER 2958 – Automotive Internship II	4	Automotive Service Technology (A.A.S)
Automotive Service Excellence L1 Advanced Engine Performance	AER 2895C – Advanced Engine Performance	4	Automotive Service Technology (A.A.S)
Automotive Service Excellence A1 – Engine Repair	AER 1081C – Intro to Automotive Technology AER 1198 – Engines	8	Automotive Service Technology (A.A.S)
Automotive Service Excellence A2 – Automatic Transmission/Transaxle	AER 1081C – Intro to Automotive Technology AER 1291 – Automatic Transmissions and Transaxle	8	Automotive Service Technology (A.A.S)
Automotive Service Excellence A3 – Manual Drive Train & Axles	AER 1081C – Intro to Automotive Technology AER 1398 – Manual Transmission & Transaxles	8	Automotive Service Technology (A.A.S)
Automotive Service Excellence A4 – Suspension & Steering	AER 1081C – Intro to Automotive Technology AER 1498 – Steering and Suspension	8	Automotive Service Technology (A.A.S)
Automotive Service Excellence A5 – Brakes	AER 1081C – Intro to Automotive Technology AER 1598 – Brake Systems	8	Automotive Service Technology (A.A.S)
Automotive Service Excellence A6 – Electrical/Electronic Systems	AER 1081C – Intro to Automotive Technology AER 1694C – Electrical Systems I AER 2695C – Electrical Systems II	12	Automotive Service Technology (A.A.S)
Automotive Service Excellence A7 – Heating & Air Conditioning	AER 1081C – Intro to Automotive Technology AER 1798C – Air Conditioning and Heating	8	Automotive Service Technology (A.A.S)

INDUSTRY, MANAUFACTURING AND CONSTRUCTION		autodiesel@fscj.edu	
CERTIFICATION	**COLLEGE CREDIT COURSE**	**CREDITS**	**FSCJ A.S. DEGREE**
Automotive Service Excellence A8 – Engine Performance	AER 1081C – Intro to Automotive Technology AER 2896 – Engine Performance I AER 2899 – Engine Performance II	12	Automotive Service Technology (A.A.S)
Automotive Service Excellence G1 – Maintenance & Light Repair	AER 1081C – Intro to Automotive Technology	4	Automotive Service Technology (A.A.S)

INDUSTRY, MANAUFACTURING AND CONSTRUCTION		aviation@fscj.edu	
CERTIFICATION	**COLLEGE CREDIT COURSE**	**CREDITS**	**FSCJ A.S. DEGREE**
Federal Aviation Administration Multi-Engine Rating	ATF 2400 – Multi-Engine Rating	1	Professional Pilot Technology
Federal Aviation Administration Instrument Rating	ATT 1120 – Instrument Rating Ground School	3	Professional Pilot Technology Aviation Operations
	ATF 1601C – Instrument Pilot Simulator ATF 2305 – Instrument Flight	3	Professional Pilot Technology
Federal Aviation Administration Commercial Pilot	ATT 1100 – Private Pilot Theory	3	Professional Pilot Technology Aviation Administration
	ATF 2201 – Commercial Flight 1 ATF 2202 – Commercial Flight 2 ATF 2203 – Commercial Flight 3 ATF 2620C – Commercial Pilot Simulator ATT 1101 – Private Pilot Applications ATT 1110 – Commercial Pilot Ground School	13	Professional Pilot Technology
Federal Aviation Administration Aircraft Dispatcher	ASC 1210 – Aviation Weather ATT 1100 – Private Pilot Theory AVM 2022 – Flight Operation Management AVM 2132C – Flight Dispatch and Scheduling AVM 2134C – Flight Dispatch Theory	15	Aviation Administration
Small UAS Safety Certification	ASC 2560 – Unmanned Aerial Systems	3	Professional Pilot Technology Aviation Administration
Private Pilot Certificate	ATT 1100 – Private Pilot Theory	3	Professional Pilot Technology Aviation Administration
	ATT 1101 – Private Pilot Applications	3	Professional Pilot Technology
Private Written Exam	ATT 1100 – Private Pilot Theory	3	Professional Pilot Technology Aviation Administration
	ATT 1101 – Private Pilot Applications	3	Professional Pilot Technology

INDUSTRY, MANAUFACTURING AND CONSTRUCTION		aviation@fscj.edu	
CERTIFICATION	**COLLEGE CREDIT COURSE**	**CREDITS**	**FSCJ A.S. DEGREE**
Federal Aviation Administration Airline Transport Pilot	ASC 1210 – Aviation Weather ASC 1310 – Aviation Regulations & Legal Issues ATT 1100 – Private Pilot Theory ATT 1120 – Instrument Rating Ground School	12	Professional Pilot Technology Aviation Administration
	ASC 1610 – Aircraft Engine, Structures & Systems ATF 1601C – Instrument Pilot Simulator ATF 2201 – Commercial Flight 1 ATF 2202 – Commercial Flight 2 ATF 2203 – Commercial Flight 3 ATF 2305 – Instrument Flight ATF 2620C – Commercial Pilot Simulator ATT 1110 – Commercial Pilot Ground School ATT 2640 – Advanced Aircraft Operations ATT 1101 – Private Pilot Applications ATF 2400 – Multi-Engine Rating	23	Professional Pilot Technology
Federal Aviation Administration Certified Flight Instructor	ASC 1210 – Aviation Weather ASC 1610 – Aircraft Engine, Structures & Systems ATF 2500 – Certified Flight Instructor ATT 2131 – CFI Ground School	11	Professional Pilot Technology
	ASC 1210 – Aviation Weather	3	Aviation Administration

SCIENCE, TECHNOLOGY, ENGINEERING AND MATHMATICS (STEM)		amt@fscj.edu	
CERTIFICATION	**COLLEGE CREDIT COURSE**	**CREDITS**	**FSCJ A.S. DEGREE**
Autodesk Certified User – Inventor	ETD 2536 – CAD Mechanical **OR** CGS 2470 – CAD Design	3	Engineering Technology
Autodesk Certified Professional – Inventory	ETD 2350 – Advanced CAD	3	Engineering Technology
MSSC Certified Production Technician	ETS 1351 – Manufacturing Processes ETS 1632 – Computer Integrated Manufacturing BCN 2732 – OSHA Safety PMT 1203 – Intro to Machining TBD Credit	15	Engineering Technology
Lean Six Sigma	ETS 2622 – Lean Manufacturing	3	Engineering Technology
NIMS Machining Level II – CNC Programming II	PMT 1203 – Intro to Machining PMT 2250 – CNC Programming I	6	Engineering Technology
Autodesk Certified User – Fusion 360	ETD 2350 – Advanced CAD	3	Engineering Technology
Autodesk Certified Associate in CAD for Mechanical Design	ETD 2536 – CAD Mechanical **OR** CGS 2470 – CAD Design	3	Engineering Technology

SCIENCE, TECHNOLOGY, ENGINEERING AND MATHMATICS (STEM)		amt@fscj.edu	
CERTIFICATION	**COLLEGE CREDIT COURSE**	**CREDITS**	**FSCJ A.S. DEGREE**
Certified Solidworks Associate – Academic	ETD 2350 – Advanced CAD	3	Engineering Technology
Certified Solidworks Professional – Academic	ETD 2350 – Advanced CAD	3	Engineering Technology
Associate Certified Electronics Technician	EET 1084 – Survey of Electronics	3	Engineering Technology
NIMS Machining Level I – CNC Milling: Programming Setup & Operations	PMT 2250 – CNC Programming I	3	Engineering Technology
NIMS Machining Level I – CNC Turning: Programming Setup & Operations	PMT 2250 – CNC Programming I	3	Engineering Technology
NIMS Machining Level II – Grinding Skills II	PMT 1203 – Intro to Machining	3	Engineering Technology
		astechnology@fscj.edu	
CompTIA Security +	CTS 1120C – Fundamentals of Information Security	3	Computer Information Technology Data Science Technology IT Security Network Systems Technology
CompTIA IT Fundamentals	CTS 1131C – Hardware Configuration	3	Computer Information Technology IT Security Network Systems Technology Computer Related Crime Biomedical Equipment Technology (B.A.S) Computer Systems Networking (B.A.S) Information Systems Technology (B.A.S)
Cisco Certified Network Associate	CET 2600C – Cisco 1 CTS 2655C – Cisco 2 CNT 2102C – Cisco 3	12	Computer Information Technology IT Security Network Systems Technology
Oracle Certified Associate Java 8 1Z0-808	COP 2800C – Java 1	3	Computer Information Technology Data Science Technology
SAS Base Programming Specialist	CTS 2456C – Intro to SAS Programming	3	Computer Information Technology Data Science Technology
CompTIA Server +	CTS 1134 – Server Configuration	3	IT Security Network Systems Technology Computer Related Crime Biomedical Equipment Technology (B.A.S) Computer Systems Networking (B.A.S)
EC-Council Ethical Hacker Associate	CET 2662 – Techniques of Computer Hacking and Incident Handling	4	IT Security Network Systems Technology

SCIENCE, TECHNOLOGY, ENGINEERING AND MATHMATICS (STEM)	astechnology@fscj.edu		
CERTIFICATION	COLLEGE CREDIT COURSE	CREDITS	FSCJ A.S. DEGREE
Certified Internet Web JavaScript Specialist	CIS 2930 – Special Topics	3	Computer Information Technology
CompTIA A+	CTS 1131C – Hardware Configuration CTS 1133C – Software Configuration	6	Computer Information Technology IT Security Network Systems Technology
AWS Certified Solutions Architect - Associate	CEN 3083C – Introduction to Cloud Computing	3	Information Systems Technology (B.A.S)
CompTIA PenTest +	CTS 2314 – Offensive Security (Advanced Penetration Testing)	4	IT Security
Certified Internet Web Advanced HTML5 & CSS3 Specialist	CIS 2930 – Special Topics	3	Computer Information Technology
Certified Tester, Foundation Level	CEN 2071C – Intro to Software Testing	3	Computer Information Technology
EC-Council Digital Forensics Essentials	CAP 2140 – Data Forensics I CAP 2141 – Data Forensics II - Advanced	8	Network Systems Technology
Linux +	CNT 1015 – Operating Systems Foundations	3	Computer Information Technology Data Science Technology IT Security Network Systems Technology Computer Related Crime Computer Systems Networking (B.A.S)
ArcGIS Desktop Entry	CIS 2930 – Special Topics	3	Computer Information Technology
Microsoft Certified Solutions Expert – Data Platform	CIS 2930 – Special Topics	3	Computer Information Technology
Modeling and Simulation	CIS 2930 – Special Topics	3	Computer Information Technology
Certified Internet Web Database Design Specialist	CIS 2930 – Special Topics	3	Computer Information Technology
Year Up PTC Completion	CIS 1942 – Internship	2	Computer Information Technology
	CNT 2941 – Internship CNT 2942 – Internship CNT 2943 - Internship	6	Network Systems Technology
CompTIA Network +	CNT 2001C – Computer Networks and Telecommunications	3	Computer Information Technology Data Science Technology
	CTS 1136 A+ Review	3	Network Systems Technology