

JACKSONVILLE HIGH SCHOOL CTE COURSES

Career Cluster	Career Pathway	Entry Level Courses	Completer (Concentrator) Courses	Advanced JHS Courses	MajorClarity Career Exploration (<i>app through Clever</i>)
AGNR-Agriculture, Food, & Natural Resources	ANSC- Animal Science PLSC-Plant Systems	Animal Science I ♦ Horticulture I	Animal Science II – Companion Animal ♦ Horticulture II (H)	Veterinary Assisting ♦ CTE Advanced Studies CTE Internship (H)	Farm Labor Contractors, Hunters & Trappers, Fishers, Range Manager, Farm & Home Management, Agricultural Inspectors, Fishers, Forester, Landscaping
ARCH-Architecture & Construction	ARCH-Architecture & Construction CARP-Carpentry ELTR-Electrical Trades	Construction Core ♦ Carpentry I ♦ Electrical Trades I (H) ♦	Carpentry II (H) ♦ Electrical Trades II (H) ♦	Carpentry III (H) ♦ Electrical Trades III (H) ♦ CTE Advanced Studies CTE Internship (H)	Carpenters, Roofers, Glaziers, Construction Manager, Riggers, Solar Photovoltaic Installer, Stonemasons, Electricians, Electrical Engineer, Electronic Drafters, Robotics Technicians, Security & Fire Alarm Installation
BMA- Business Management & Administration	GMGT-General Management	Business Essentials IB Personal & Professional Skills	Business Management I IB Business Management	Business Management II Microsoft Excel (H) ♦ CTE Advanced Studies CTE Internship (H)	Chief Executive, Human Resources Manager, Sales Manager, Compliance Manager, Business Teacher, Teller, Financial Manager, Credit Counselor, Loan Counselor, Loan Officer
EDUC-Education & Training	TETR-Teacher/Training	Teaching as a Profession I (H)	Teaching as a Profession II (H)	TAP Field Experience (H) CTE Internship (H)	Teacher, Administrator, Instructional Coordinator, Librarian
HLTH-Health Science	BTCP-Biomedical Technology HCCP-Healthcare Professional	Health Science I ♦ Health Science I (H) ♦	Health Science II ♦ (Honors option) Biomedical Technology *(Honors option)	Public Health Fundamentals ♦ CTE Advanced Studies CTE Internship (H)	Occupational Therapist, Registered Nurse, Physicians Assistant, Dental Assistant, Physical Therapist, Radiologic Technologists, Health Educator, Pharmacy Aide, Geneticist
HOSP-Hospitality & Tourism	SEMK-Sport & Event Marketing	Sport & Event Marketing I	Sport & Event Marketing II (H)	CTE Advanced Studies CTE Internship (H)	Lodging Manager, Hotel Desk Clerk, Event Planner, Chef, Baker, Bartender, Food Service Manager, Barista
HUMA- Human Services	FONU-Food & Nutrition	Food & Nutrition I ♦	Food & Nutrition II ♦	CTE Advanced Studies CTE Internship (H)	Cook, Wait Staff, Host, Food Preparation Worker, Short Order Cook, Butcher, Chef, First-line Supervisor
INFO-Information Technology	CSPR-Computer Science Principles	Computer Science I IB Information Tech in a Global Society	AP Computer Science Principles	CTE Advanced Studies CTE Internship (H)	Data Entry Keyer, Database Architect, Web Administrator, Software Developer, Computer Science Teacher
MRKT-Marketing	PRSM-SALES	Sales I	Sales II	CTE Advanced Studies CTE Internship (H)	Accessor, Real Estate Broker, Telemarketer, Retail Salesperson, Insurance Agent, Sales Engineer, Sales Manager
STEM-Science, Technology, Engineering, & Math	DREN-Drafting Engineering	Drafting I (H) ♦	Drafting II—Engineering (H) ♦	Drafting III—Engineering (H) ♦ CTE Advanced Studies CTE Internship (H)	Mechanical Engineer, Automotive Engineer, Industrial Engineer, Nuclear Engineer, Civil Engineer, Civil Drafter
EASTERN NORTH CAROLINA REGIONAL SKILLS CENTER <i>*(Skills Center Courses are paired by semester)</i>					
AAVC-Arts, A/V Technology & Communications	DIDE-Digital Design & Animation	Digital Design & Animation I & Digital Design & Animation II	Game Art & Design & Adv. Game Art Design	CTE Advanced Studies CTE Internship (H)	Video Game Designer, Graphic Designer, Craft Artist, Interior Designer, Multimedia Artist, Camera Operator, Producer
	GAAR-Game Art Design				
AARC-Architecture & Construction	HVAC/R	HVAC/R I (H) ♦ (prereq: Construction Core) & HVAC/R II (H) ♦	HVAC/R III (H) ♦ & CTE Advanced Studies	CTE Advanced Studies CTE Internship (H)	Boilermaker, Sheet Metal Worker, Stationary Engineer, Weatherization Installer, Geothermal Technician
HLTH-Health Science	HPCP-Healthcare Professional	Health Science I (taken at home school)	Health Science II (taken at home school)	Nursing Fundamentals & Practicum (2 credits) ♦ (H)	Medical Assistant, Dental Assistant, Registered Nurse, Radiologic Technologist, Physician Assistant, Midwife
HOSP-Hospitality & Tourism	CULA-Culinary Arts Application	Culinary Arts & Hospitality I ♦ & Culinary Arts & Hospitality II Applications ♦	Culinary Arts & Hospitality III ♦ & Culinary Arts & Hospitality IV Applications	CTE Advanced Studies CTE Internship (H)	Chef, Bartender, Baker, Food Service Manager, Head Cook, Short Order Cook, Barista, Butcher, First-Line Supervisor
INFO-Information Technology	NEAD-Network Administration	Network Administration I & Network Administration II		CTE Advanced Studies CTE Internship (H)	Computer Operator, Database Architect, Computer Network Architect, Information Security Analyst, Software Developer
	NESE-Network Security	Network Security I & Network Security II ♦			
LAW-Law, Public Safety, Corrections, & Security	FIFI-Firefighter Technology	Firefighter Technology I ♦ & Firefighter Technology II ♦		CTE Advanced Studies CTE Internship (H)	Municipal Firefighter, Forest Firefighter, Fire Inspector, Fire Investigator, Fire-Prevention & Protection Engineer
MANU-Manufacturing	ADMA-Advanced Manufacturing	Advanced Manufacturing I (H) ♦ & Manufacturing Robotics (H)		CTE Advanced Studies CTE Internship (H)	Manufacturing Engineer, Industrial Production Manager, Welders, Commercial Divers, Product Safety Engineers
	WELD-Welding	Welding Technology I (H) ♦ & Welding Technology II (H) ♦	Welding Technology III (H) ♦ & CTE Advanced Studies		
N/A	N/A	Robotics I & Robotics II		CTE Advanced Studies CTE Internship (H)	Manufacturing Production Technician, Manufacturing Engineer, Mechatronics Engineer, Mechanical Engineer
*TRAN-Transportation, Distribution, & Logistics	AUTO-Automotive Services	*Automotive Service Fundamentals ♦ & *Automotive Service I	*Automotive Service II (H) ♦ & *Automotive Service III (H) ♦	CTE Advanced Studies CTE Internship (H)	Automotive Engineers, Aircraft Mechanics, Automotive Body Repair, Motorcycle Mechanic, Avionics Technician, Tire Builder, Motorboat Mechanic, Automotive Glass Installer, Diesel Mechanic, Radio Mechanic, Parts Salesperson
	COLL-Collision Repair	*Collision Repair Fundamentals ♦ & *Collision Repair I	*Collision Repair II Non-Structural (H) ♦ & *Collision Repair II Refinishing (H) ♦		
Four Year University Track	Honors Level		Dual Enrollment	AP Courses	
Are you on the four-year university Track? Here are some options to consider.	More rigorous than standard classes but not as rigorous as dual enrollment or AP courses. Demonstrates the ability to take challenging coursework. Weighted GPA point increase =.5 point		Transfer credit to NC Public Colleges and Universities, may not transfer to private or out-of-state schools. Must score a C or better in the course with eligibility requirements, Weighted GPA point increase = 1 point		Widely recognized and accepted by colleges, academically rigorous, must take a test and score 3 or better to receive college credit, demonstrate on college applications challenging curricula, Weighted GPA point increase = 1 point

♦ = Credential available