Career Cluster	Entry Level Career Field (CTE Board Standard)	Aligned to GWB Priority Sectors?	Expected Program Outcomes (Industry-Recognized Credentials or Post-Secondary Credits)	Additional Requirements and Notes
Arts, A/V Technology & Communications	Actor, Director or Theater Educator	NO	• Concurrent enrollment in Theatre Course with a postsecondary partner Or • National Occupational Competency Testing Institute (NOCTI) in Arts, A/V Technology & Communications Performing Arts	• This standard acknowledges and adopts the Work Based Learning Standards as approved by the RI Governor's Workforce Board and will use Professional/Workplace Skills (SkillsUSA Connect Curriculum). • OSHA 10 or equivalent
	Arts Education	No	*At least one of the following:* • Concurrent/Dual Enrollment College Level Course (EEP) • Advanced Placement in 2-D Design or Drawing • Comprehensive Visual Arts Portfolio with Artist Statement: minimum of 15 pieces • NOCTI	• 3 – 4 consecutive years of Visual Arts Courses as aligned by individual district pathways • This standard acknowledges and adopts the Work Based Learning (WBL) Standards as approved by the RI Governor's Workforce Board and will use Professional/Workplace Skills (SkillsUSA Connect Curriculum). • Career Field specific Mentoring Recommend: Art History AP Art History
	Craft & Fine Artist	No	*At least one of the following:* • Concurrent/Dual Enrollment College Level Course (EEP) • Advanced Placement in 2-D Design or Drawing • NOCTI • Comprehensive Visual Arts Portfolio with Artist Statement: Includes a minimum of 15 pieces • Adobe Certification	• This standard acknowledges and adopts the Work Based Learning Standards as approved by the RI Governor's Workforce Board and will use Professional/Workplace Skills (SkillsUSA Connect Curriculum).

Career Cluster	Entry Level Career Field (CTE Board Standard)	Aligned to GWB Priority Sectors?	Expected Program Outcomes (Industry-Recognized Credentials or Post-Secondary Credits)	Additional Requirements and Notes
Arts, A/V Technology & Communications (cont.)	Dancer/Choreographer	No	• Dance Education Assistant Certification from RI Dance Alliance, Inc. (portfolio review) • AP Capstone including AP Seminar and AP Research (College Boards) • Optional: National Honor Society for Dance Academics (NDEO)	• College Preparatory Courses for RI High School Diploma • 3 – 4 consecutive years of spiraling Dance Curriculum (meeting NCAS Proficient Level Minimum): technique, choreography and composition, dance history, anatomy (kinesiology), injury prevention, dance analysis and critique, pedagogy, production; and, may include arts management (back and front of house), costume (set, lighting) design and construction/implementation. • 3 Pre-AP Arts Dance Units (College Board) • This standard acknowledges and adopts the Work Based Learning Standards as approved by the RI Governor's Workforce Board and will use Professional/Workplace Skills (SkillsUSA Connect Curriculum). • Internship with industry focus (e.g., assistant in private sector; dance company intern/apprentice in performing or arts management, marketing, and/or production; mentorship with choreographer or arts organization).
	Designer	No	*At least one of the following* • Concurrent/Dual Enrollment College Level Course (EEP) • Advanced Placement in 2-D Design or Drawing • NOCTI • Comprehensive Visual Arts Portfolio with Artist Statement: Includes a minimum of 15 pieces • Adobe Certification	• This standard acknowledges and adopts the Work Based Learning (WBL) Standards as approved by the RI Governor's Workforce Board and will use Professional/Workplace Skills (SkillsUSA Connect Curriculum). • WBL in Visual Arts or related mentoring program

Career Cluster	Entry Level Career Field (CTE Board Standard)	Aligned to GWB Priority Sectors?	Expected Program Outcomes (Industry-Recognized Credentials or Post-Secondary Credits)	Additional Requirements and Notes
Arts, A/V Technology & Communications (cont.)	Graphic Communications Technology: Print Manufacturing – Pre-Production	Yes (Information Technology)	*At least one of the following:* • Certificate (GAERF-PrintED, Adobe, Skillconnect, NOCTI, AutoDesk, specialized proprietary software) • Diploma in graphics operations (Xerox), design or printing technology	• Study graphic communications, computers, commercial printing processes, math, lithography, and safety procedures. • Students should be placed on a track to earn an associate's degree in graphic arts and imaging technology or printing and prepress technology Optional: AP & Project Lead the Way computer science pathway
	Graphic Communications Technology: Print Manufacturing – Production			
	Graphic Communications Technology: Design & Web/Print E – Commerce			
	Graphic Communications Technology: Audio/Video			
	Graphic Communications Technology: Advertising/Marketing			
	Graphic Communications Technology: Sales/Support staff	Yes (Information Technology)	• Certificate (GAERF-PrintED, Adobe, Skillconnect, NOCTI, AutoDesk, specialized proprietary software) • Diploma in graphics operations (Xerox), design or printing technology	

Career Cluster	Entry Level Career Field (CTE Board Standard)	Aligned to GWB Priority Sectors?	Expected Program Outcomes (Industry-Recognized Credentials or Post-Secondary Credits)	Additional Requirements and Notes
Arts, A/V Technology & Communications (cont.)	Media Communications	No	*At least one of the following* • NOCTI Broadcast Journalism Pathway Assessment • Adobe Premier Certification • Final Cut Pro-certification • Sony Vegas/Sound Forge Certification • Comportable video Editing Certification	• 3 course sequence that develops the following skills: Filming; Film Editing, Non-linear Editing, Studio Production, News Writing and Editing, Navigating Legal/Ethical Media Issues, Cultivating Interviewing Sources. • This standard acknowledges and adopts the Work Based Learning (WBL) Standards as approved by the RI Governor's Workforce Board and will use Professional/Workplace Skills (SkillsUSA Connect Curriculum).
	Multimedia Artist	No	*At least one of the following* Concurrent/Dual Enrollment College Level Course (EEP) Advanced Placement in 2-D Design NOCTI-Visual Arts Adobe Certification Precision Exam-Visual Arts	• This standard acknowledges and adopts the Work Based Learning (WBL) Standards as approved by the RI Governor's Workforce Board and will use Professional/Workplace Skills (SkillsUSA Connect Curriculum). Recommended: Art History AP Art History

Career Cluster	Entry Level Career Field (CTE Board Standard)	Aligned to GWB Priority Sectors?	Expected Program Outcomes (Industry-Recognized Credentials or Post-Secondary Credits)	Additional Requirements and Notes
Arts, A/V Technology & Communications (cont.)	Music Technologist	No	Concurrent enrollment in Music, Theatre, and Dance Department at RIC Courses: • MUS 118 Advanced Digital Audio Production I • MUS 119 Advanced Digital Audio Production II (minimum grade of C)	• 3 years (minimum) of core music performance class (Band, Chorus, Orchestra) • Music Technology I and • Music Technology II and • Music Technology III • This standard acknowledges and adopts the Work Based Learning (WBL) Standards as approved by the RI Governor's Workforce Board and will use Professional/Workplace Skills (SkillsUSA Connect Curriculum). • Career Field specific Mentoring Recommended Coursework Piano; Computer Science; Music Theory; Music History • AP/EEP Music Theory • EEP Music History .
	Musician/Music Educator	No	Concurrent enrolment in the Music, Theatre, and Dance Department at RIC Courses: • MUS 203 Elementary Music Theory and • MUS 201 Survey of Music Survey of Music (minimum grade of c)	• 3 years (minimum – 4 preferred) of core music performance class (Band, Chorus, Orchestra) • AP/EEP Music Theory • EEP Music History • This standard acknowledges and adopts the Work Based Learning (WBL) Standards as approved by the RI Governor's Workforce Board and will use Professional/Workplace Skills (SkillsUSA Connect Curriculum). • Career Field specific Mentoring Recommended: Private Lessons strongly recommended All State, Solo & Ensemble Festival, Community/Church ensembles, Chamber Music, Jazz Band, Musical Theatre, Rock Band, etc.

Career Cluster	Entry Level Career Field (CTE Board Standard)	Aligned to GWB Priority Sectors?	Expected Program Outcomes (Industry-Recognized Credentials or Post-Secondary Credits)	Additional Requirements and Notes
Arts, A/V Technology & Communications (cont.)	Sound Engineering Technician	No	• NOCTI – Job Ready Assessment • Audio/Video Communications • TV Video/Film Production	• 1 Year Digital & Video Communication • 1 Year Music Theory • 1 Year Audio/Video Production • 1 Year Music Technology & Sound Engineering Equivalent of two years study in related electives such as: • Digital & Video Communications • Film & Literature • Cultural Literacy • Mass Media • Theater Workshop • This standard acknowledges and adopts the Work Based Learning (WBL) Standards as approved by the RI Governor's Workforce Board and will use Professional/Workplace Skills (SkillsUSA Connect Curriculum). • Career Field specific Mentoring • Capstone Project • SkillsUSA Competition • NOCTI Workplace Skills Career Readiness • OSHA 10

Career Cluster	Entry Level Career Field (CTE Board Standard)	Aligned to GWB Priority Sectors?	Expected Program Outcomes (Industry-Recognized Credentials or Post-Secondary Credits)	Additional Requirements and Notes
	Theater Technologist	No	• Concurrent/Dual Enrollment with postsecondary institution or NOCTI	• 3 Years of core theatre/performing arts coursework • OSHA 10 or equivalent training • This standard acknowledges and adopts the Work Based Learning (WBL) Standards as approved by the RI Governor's Workforce Board Recommended: Speech; Greek & Roman History; Band; Chorus; Music Technology; Computer Science; Business; and, Carpentry. Recommended extra-curricular: Internship with partnering theater in performance arts productions.
Business Management, Administration, & Finance	Accounting Clerk, Entry-Level Banking	Yes (supports all GWB priority sectors)	Rhode Island Financial Scholars Program (EVERFI) *+ at least one of the following:* • NOCTI Certification • ASK Certification • NAFTrack Certification • *and + at least one of the following:* • QuickBooks certification • National Retail Federation (NRF) Customer Service Certification	• Three consecutive years of business coursework (recommended: Management, Accounting, Finance, Digital Marketing) • Business industry work-based learning experience and/or related mentor program
(Architecture) & Construction	Junior Carpenter Helper	Yes (Construction)	NCCER Carpentry Level 1 and Level 2	• NCCER Curriculum Core • OSHA 10 Construction • Construction Technology work-based learning experience and mentor program

Career Cluster	Entry Level Career Field (CTE Board Standard)	Aligned to GWB Priority Sectors?	Expected Program Outcomes (Industry-Recognized Credentials or Post-Secondary Credits)	Additional Requirements and Notes
(Architecture) & Construction	Electrical Apprentice	Yes (Construction)	NCCER Electrical Level 1 and Level 2	• NCCER Curriculum Core • OSHA 10 Construction • Construction Technology work-based learning experience and mentor program • Note: program participation counts toward related apprenticeship hours (up to 144 hours)
	HVAC Apprentice	Yes (Construction)	NCCER HVAC Level 1 and Level 2	• NCCER Curriculum Core • OSHA 10 Construction • Construction Technology work-based learning experience and mentor program • Note: program participation counts toward related apprenticeship hours (up to 144 hours)
	Plumber apprentice	Yes (Construction)	NCCER Plumbing Level 1 and Level 2	• NCCER Curriculum Core • OSHA 10 Construction • Note: Employer will likely require a new hire to secure a physical exam prior to employment. • Note: program participation counts toward related apprenticeship hours (up to 144 hours)
	Welder – Entry-level	Yes (Construction)	NCCER Welding Level 1 and Level 2	• NCCER Curriculum Core • NCCER Introduction to the Maritime Industry • OSHA 10 Construction • Construction Technology work-based learning experience and mentor program

Career Cluster	Entry Level Career Field (CTE Board Standard)	Aligned to GWB Priority Sectors?	Expected Program Outcomes (Industry-Recognized Credentials or Post-Secondary Credits)	Additional Requirements and Notes
(Architecture) & Construction (cont.)	Sheet Metal Apprentice	Yes (Construction)	NCCER Sheet Metal Level 1 and Level 2	• NCCER Curriculum Core • NCCER Introduction to the Maritime Industry • OSHA 10 Construction • Construction Technology work-based learning experience and mentor program

Career Cluster	Entry Level Career Field (CTE Board Standard)	Aligned to GWB Priority Sectors?	Expected Program Outcomes (Industry-Recognized Credentials or Post-Secondary Credits)	Additional Requirements and Notes
Education, Training, and Human Services	Education (Education, Child Care, Teacher Assistant)	Yes	*At least one of the following:* • Approved Teacher Assistant Training program; *and/or,* • Passing score on the RI Parapro Exam	*Minimum academic requirements:* • 4 courses in English • 4 courses in Math • 3 courses in Science • 3 courses in S. Studies • At least one course in both technology and the arts • At least a minimum of three consecutive years of coursework in Education Pathway (to include birth to 21 with embedded content in English Language Learners (ELL) and children with special needs) • Recommended Coursework in Psychology, Sociology, Ethical Issues, and Financial Literacy) *Safety requirements:* • First Aid / CPR & AED Training *Work requirements:* • Work-based experience (Placement in a K-12 educational setting should be with a certified and tenured teacher. Early Childhood placement should be in a center with Bright Stars affiliation) *Additional credentials (optional):* • Rhode Island Early Learning and Development Standards Certificate • Red Cross Babysitting & Child Care Certificate • OSHA 10

Career Cluster	Entry Level Career Field (CTE Board Standard)	Aligned to GWB Priority Sectors?	Expected Program Outcomes (Industry-Recognized Credentials or Post-Secondary Credits)	Additional Requirements and Notes
Environmental and Life Sciences	Animal Science Veterinary Assistant, Lab Animal Caretaker	Yes (Bioscience)	*At least one of the following:* • National Occupational Competency Testing Institute (NOCTI): Small Animal Science and Technology • Canine and Feline CPR and First Aid Certification • Concurrent Enrollment in the College of Environmental and Life Science at URI Course – AVS 101	*Minimum academic requirements:* • 3-4 consecutive years of Environmental & Life Sciences Coursework • 4 years of Math • 3 years of Science, including Biology • Recommended coursework in Chemistry, Anatomy, Physiology *Work requirements:* • Environmental & Life Sciences work-based learning experience (s) and/or related mentoring program • Career Readiness Skills Component, (such as FFA LifeKnowledge, SkillsUSA Career Essential Suite) • OSHA 10
	Aquaculture / Agricultural and Food Science Technician	Yes (Bioscience)	*At least one of the following:* • NOCTI - Agriculture, Food & Natural Resources • Project Lead the Way Biomedical Science Pathway • College-level courses in field of study (concurrent, dual enrollment, or EEP)	*Minimum academic requirements:* • 3 consecutive years of Environmental & Life Sciences Aquaculture Coursework • 4 years of Math, including Algebra II (Recommended: Pre-Calculus and Statistics) • 3 years of Science, including Biology, Chemistry and Physical Science (Recommended: 4 years, including AP science) *Work requirements:* • Environmental & Life Sciences Work-Based Learning experience(s) and/or related mentoring program. • Career Readiness Skills Component (such as SkillsUSA Career Essentials Suite, Naviance, Junior Achievement) • Safety Training Component (recommended: OSHA 10)

Career Cluster	Entry Level Career Field (CTE Board Standard)	Aligned to GWB Priority Sectors?	Expected Program Outcomes (Industry-Recognized Credentials or Post-Secondary Credits)	Additional Requirements and Notes
Environmental and Life Sciences (cont.)	Bioscience	Yes (Bioscience)	*At least one of the following:* • NOCTI - Health Science • 3 Project Lead the Way (PLTW) certificates in the Biomedical Science Pathway • Precision Exam in Health Science - Biotechnology • College-level courses in field of study (concurrent, dual enrollment, or EEP)	*Minimum academic requirements:* • 3 consecutive years of environmental & life sciences coursework • 4 years of math, including Algebra II (Recommended: Pre-Calculus and Statistics) • 3 years of Science, including Biology, Chemistry and Physical Science (Recommended: 4 years, including AP science) *Work requirements:* • Environmental & Life Sciences Work-Based Learning experience(s) and/or related mentoring program • Career Readiness Skills Component (such as SkillsUSA Career Essentials Suite, Naviance, Junior Achievement) • OSHA 10
	Plant Science – Landscaper & Groundskeeper	Yes (Bioscience)	NOCTI Horticulture-Landscaping (or other related NOCTI assessment)	*Minimum academic requirements:* • 3-4 consecutive years of environmental & life sciences coursework • 4 years of math • 3-4 years of science *Work requirements:* • Environmental & Life Sciences Work-Based Learning experience(s) and/or related mentoring program • Career Readiness Skills Component (such as FFA LifeKnowledge, SkillsUSA Career Essentials Suite) • OSHA 10 Safe Workplace (recommended: Pesticide Safe Worker)

Career Cluster	Entry Level Career Field (CTE Board Standard)	Aligned to GWB Priority Sectors?	Expected Program Outcomes (Industry-Recognized Credentials or Post-Secondary Credits)	Additional Requirements and Notes
Environmental and Life Sciences (cont.)	Process Technician (Chemical Manufacturing, Research & Development)	Yes (Bioscience)	*At least one of the following:* • Project Lead the Way (PLTW) Biomedical Science Pathway • Concurrent/Dual Enrollment with CCRI	*Minimum academic requirements:* • 3-4 consecutive years of environmental & life sciences coursework • 3 years of science, including chemistry • 4 years of math, including basic applied mathematics • Recommended coursework: mechanical, plumbing and HVAC or engineering (suggested: NCCER HVAC & Plumbing Levels 1 & 2) • Science, mechanical, or engineering work-based learning experience (s) and/or related mentoring program *Work requirements:* • Career Readiness Skills Component (such as FFA LifeKnowledge, SkillsUSA Career Essentials Suite, Naviance, or Junior Achievement) • OSHA 10
Health Sciences / Medical Pathways	Certified Nursing Assistant (CNA)	Yes (Healthcare)	RI CNA license	• 100 hours of practical training, 20 of which are offsite at an accredited care facility • 16 hours of classroom instruction is prerequisite for beginning practical training
	Certified Patient Care Technician (CPCT), provisional license	Yes (Healthcare)	RI CPCT provisional license	• Certification in CPR, AED, First Aid Certified, preferably through American Heart Association's Basic Life Support (BLS) for Health Care Providers (HCP) • Complete full accredited Nursing Assistant Training Program and obtain RI state CNA Licensure (300 total hours) • Complete a full Patient Care Technician accredited program and successfully take the related exam (online/written) • Curriculum: National Health Career Association (NHA) CPCPT
	Community Health Worker	Yes (Healthcare)	Program completion (credential under development)	• Note: this pathway is under development for RI, but these standards are adopted from Massachusetts.

Career Cluster	Entry Level Career Field (CTE Board Standard)	Aligned to GWB Priority Sectors?	Expected Program Outcomes (Industry-Recognized Credentials or Post-Secondary Credits)	Additional Requirements and Notes
Health Sciences / Medical Pathways (cont.)	Dental Hygienist	Yes (Healthcare)	RI Dental Hygiene license	• Graduation from an accredited dental hygiene program • Successful completion of the written National Board Dental Hygiene Examination • Successful completion of a regional or state clinical board examination. • *Note: The programs listed above are under development for state of RI; they do not currently exist.*
	Emergency Medical Technician	Yes (Healthcare)	RI EMT license	• First Aid • CPR/AED • Bureau of Criminal Investigation report • *Note: students should receive certificate of completion* • *Note: This career field also appears under the Law, Public Safety, and Government sector below*
Hospitality & Tourism	Culinary – Baker	Yes (Hospitality and Tourism)	• American Culinary Federation (ACF) accreditation for culinary education • ProStart National Certificate of Achievement (COA) • ServSafe Food Safety Manager Certification • ServSafe Allergen Training Certification	• Possible curriculum: National Restaurant Association
	Culinary – Prep Cook			
	Culinary – Line Cook			
	Restaurant Operations	Yes (Hospitality and Tourism)	• ProStart National Certificate of Achievement (COA) • ServSafe Food Safety Manager Certification • ServSafe Allergen Training Certification • ServSafe Alcohol Training & Certification	

Career Cluster	Entry Level Career Field (CTE Board Standard)	Aligned to GWB Priority Sectors?	Expected Program Outcomes (Industry-Recognized Credentials or Post-Secondary Credits)	Additional Requirements and Notes
Hospitality & Tourism (cont.)	Hotel Operations	Yes (Hospitality and Tourism)	• Certified Hospitality & Tourism Management Professional Certification (CHTMP) • Certified Guest Service Professional (CGSP)	
	Hotel Operations – Laundry Attendant			
	Hotel Operations – Room Attendant	Yes (Hospitality and Tourism)	• Certified Hospitality & Tourism Management Professional Certification (CHTMP) • Certified Guest Service Professional (CGSP) • Certified Guestroom Attendant (CGA)	
	Hotel Operations – Guest Room Service Agent	Yes (Hospitality and Tourism)	• Certified Hospitality & Tourism Management Professional Certification (CHTMP) • Certified Guest Service Professional (CGSP) • Certified Front Desk Representative (CFDR)	
	Tourism – Amusement and Recreation Attendant			
	Tourism – Tour Guide			
	Tourism – Travel Agent			
Information Technology	Entry-level Network (Cisco-Certified Network Associate – CCNA)	Yes (Information Technology)	Cisco-Certified Network Associate (CCNA)	• *Note: program completion should put students on track for a bachelor's degree and/or associate's degree, and help students toward the related work experience that employers prefer*

Career Cluster	Entry Level Career Field (CTE Board Standard)	Aligned to GWB Priority Sectors?	Expected Program Outcomes (Industry-Recognized Credentials or Post-Secondary Credits)	Additional Requirements and Notes
Information Technology (cont.)	Entry-level Software/Web Developer	Yes (Information Technology	*At least one of following:* • NOCTI: IT Workforce Ready Credential (Computer Programming OR Web Development) • Precision Exam (Computer Programming OR Web Development) • Dual/Concurrent Enrollment (URI Code.org or P-TECH) • College Board AP Computer Science Principles and AP Computer Science A (3 or better on exams) • Associate Android Developer Exam • Project Lead The Way (Three consecutive course certificates with proficient end of course) • Unity Certified Developer • Oracle Java Foundations Certified Junior Associate • Oracle Database 12c Administrator Certified Associate • Microsoft Technology Associate • Node.js Certified Developer	*Minimum academic requirements:* 4 courses in English 4 courses in Math 3 courses in Science 3 Courses in Social Studies Information Technology Pathway Courses This standard acknowledges and adopts the Work Based Learning Standards as approved by the RI Governor's Workforce Board and will use Professional/Workplace Skills (SkillsUSA Connect Curriculum).
	Information Technology Specialist	Yes (Information Technology)	High school transcript credit for pathway-related training	• 12-18 months of work experience preferred • Some postsecondary training in Computer Studies and General Information Processing preferred

Career Cluster	Entry Level Career Field (CTE Board Standard)	Aligned to GWB Priority Sectors?	Expected Program Outcomes (Industry-Recognized Credentials or Post-Secondary Credits)	Additional Requirements and Notes
Information Technology (cont.)	Information Technology Specialist (cont.)	Yes (Information Technology)	*At least one of the following:* • NOCTI (Computer Networking Fundamentals) • Precision Exams (IT Support & Network) • CompTIA IT Fundamentals & ComTIA A+ • CISCO CCENT • College Board AP* Computer Science Principles • AP* Computer Science A • Project Lead The Way • Dual/Concurrent Enrollment (CCRI Cisco/P-TECH) • *3 or better on examps	*Minimum academic requirements:* 4 courses in English 4 courses in Math 3 courses in Science 3 Courses in Social Studies Information Technology Pathway Courses This standard acknowledges and adopts the Work Based Learning Standards as approved by the RI Governor's Workforce Board and will use Professional/Workplace Skills (SkillsUSA Connect Curriculum).
Law, Public Safety, and Government	Law Enforcement	No	• National Incident Management System Training (NIMS) • NOCTI – Criminal Justice • Roger Williams University Certificate of Completion	*Credentials required:* • First Aid/CPR • OSHA 10 • *Note: to continue on to a career in law enforcement, employers require US citizenship, a minimum age of 21, and rigorous physical and personal qualifications*
	Emergency Medical Technician	Yes	RI EMT license	• EMT training program • Bureau of Criminal Investigation report • First Aid • CPR/AED • Certificate of Completion • *Note: This career field also appears under Health sector above*

Career Cluster	Entry Level Career Field (CTE Board Standard)	Aligned to GWB Priority Sectors?	Expected Program Outcomes (Industry-Recognized Credentials or Post-Secondary Credits)	Additional Requirements and Notes
	Legal Services, Paralegal	No	NOCTI Legal Services	• Potential course sequence: Roger Williams University 3-4 course sequence, including Introduction to Criminal Justice, Law & Society, and Forensics Science. Optional Courses: Sociology and/or Psychology. • Associate's degree or certificate in paralegal studies preferred • Strong computer and database management skills preferred
	Military	Yes (Defense)	Program completion (students should be on track for advanced standing)	• Curriculum: JROTC
Manufacturing	Electronics Assembly Technician	Y (Manufacturing)		•
	Entry-level Manufacturing and above	Yes (Manufacturing)	National Career Readiness Certificate (ACT NCRC)	• National Career Readiness Certificate (ACT NCRC) • 3 ACT WorkKeys assessments: Applied Mathematics, Locating Information, and Reading for Information. Student must achieve silver, gold or platinum score. • Safety training.
	Entry-level Manufacturing and above (Machinists and Tool & Die Makers)	Yes (Manufacturing)	• Manufacturing Standards Skills Council (MSSC) Certified Production Technician (CPT) program • ACT NCRC	• Students must earn the first 4 MSSC certificates to receive the full CPT certification, but can earn a Certificate if they pass one or more assessments. • To earn ACT NCRC, student must achieve at least a silver level score. • Safety training. • Curriculum: National Institute for Metalworking Skills (NIMS)
	Entry-level and above Production Manufacturing Specialist	Yes (Manufacturing)	• Manufacturing Skills Institute (MSI) Manufacturing Technician 1 (MT1) certification. MSSC CPT • ACT NCRC	• Students must earn the first 4 MSSC certificates to receive the full CPT certification, but can earn a Certificate if they pass one or more assessments. • To earn ACT NCRC, student must achieve at least a silver level score. • Safety training. • Curriculum: NIMS

Career Cluster	Entry Level Career Field (CTE Board Standard)	Aligned to GWB Priority Sectors?	Expected Program Outcomes (Industry-Recognized Credentials or Post-Secondary Credits)	Additional Requirements and Notes
Manufacturing (cont.)	Entry-level and above for any logistical function	Yes (Manufacturing)	• Foundational-level MSSC Certified Logistics Associate (CLA) Certificate • Mid-level technical MSSC Certified Logistics Technician (CLT) • MSSC CPT • ACT NCRC	• Students must earn the first four MSSC certificates to receive the full CPT certification, but can earn a Certificate if they pass one or more assessments. • To earn ACT NCRC, student must achieve at least a silver level score. • Safety training.
	Entry-level and above in metalworking industry or function	Yes (Manufacturing)	• NIMS machining and metal-forming Machining Level I certification • MSSC CPT • ACT NCRC	• To earn ACT NCRC, student must achieve at least a silver level score. • Safety training.
Marine Technology	Boat Building	Yes (Marine Trades)	Rhode Island Marine Trades Association (RIMTA) Certificate of Completion	• Primary curriculum is American Boat and Yacht Council (ABYC) with integrated units from the NCCER Construction Technology. The 3-4 courses are: Marine Technology 1; Marine Technology 2; Marine Technology 3; and Marine Technology 4 (where applicable). • OSHA 10 (Maritime, Construction, and/or General)
	Composites	Yes (Marine Trades)	• American Composite Manufacturers Association (ACMA) Certification - Certified Composites Technician (CCT) • RIMTA Certificate of Completion	• Primary curriculum is American Composite Manufacturers Association (ACMA). The three/four courses are: Marine Technology 1; Marine Technology 2; Marine Technology 3; and Marine Technology 4 (where applicable) • Instructor must hold the American Composite Manufacturers Association (ACMA) Certification. • OSHA10 (Maritime, Construction, and/or General)

Career Cluster	Entry Level Career Field (CTE Board Standard)	Aligned to GWB Priority Sectors?	Expected Program Outcomes (Industry-Recognized Credentials or Post-Secondary Credits)	Additional Requirements and Notes
Marine Technology (cont.)	Systems	Yes (Marine Trades)	SkillsUSA Marine Service Technology Proficiency Assessment	• Primary curriculum is American Boat and Yacht Council (ABYC). The three/four courses are: Marine Technology 1; Marine Technology 2; Marine Technology 3; and Marine Technology 4 (where applicable). • OSHA 10
STEM/STEAM	Technician	Yes (Defense)	*At least one of following:* • National Occupational Competency Testing Institute (NOCTI) – Pre-Engineering • International Society of Certified Electronics Technicians (ISCET) – AC, DC, Semiconductor, & Digital • Electronic Technician Association – AC, DC, Analog, Digital, & Comprehensive • Project Lead the Way – Three consecutive Course Certificates (including Intro to Engineering Design, and Principles of Engineering)	• 3 consecutive years of engineering technology coursework • 4 years of math (must include pre-calculus) • Chemistry and Physics • Safety training (OSHA 10 or equivalent)
Transportation, Distribution & Logistics	Automotive Body Repair Technician	No	• I-Car Level II • I-Car Level I	• Program must be NATEF certified • Expanded work-based learning component • *Note:* CDX is a recommended curriculum although the actual choice of curriculum is a district decision with business/NATEF input.
	Automotive Service Technician	No	ASE Auto Maintenance and Light Repair Certification Test (G-1)	
	Lube Technician	No	Program completion (no credential)	
	Porter (Sales/Service)	No	Program completion (no credential)	

Career Cluster	Entry Level Career Field (CTE Board Standard)	Aligned to GWB Priority Sectors?	Expected Program Outcomes (Industry-Recognized Credentials or Post-Secondary Credits)	Additional Requirements and Notes
	Shipping and Receiving Clerk	No	Program completion (no credential)	