Framework of Quality Workshop

Agenda

TO JOIN THE MEETING VIA MICROSOFT TEAMS AUDIO ONLY: +1 850-629-7293,.332887829#

TUESDAY, OCT. 26 • 9:30 - 11:30 A.M. ET

Welcome and Introductions

Katie Crofoot
Director, REACH Office
Executive Office of the Governor

Labor Market Estimating Conference

Amy Baker

Coordinator, State Office of Economic and Demographic Research

Review of Current Publication and Future Convenings

Education Strategy Group (ESG) Presentation

Keith Richard, Ph.D.

Statewide Director, Career & Technical Education Quality

Florida Department of Education

Kathleen Mathers

Principal

Education Strategy Group

Emily Passias, Ph.D.

Director

Education Strategy Group

- Framework of Quality Update
- Lessons Learned from Other States
- Status Update on Employer Engagement Survey /Focus Groups
- Committee Input on Criteria for Stackability

Timeline Updates

Andra Cornelius, CEcD

Sr. Vice President, Business and Workforce Development

CareerSource Florida

Dan McGrew

Vice President, Strategic Policy and Performance

CareerSource Florida

Open Discussion and Public Comment

Closing Remarks

Katie Crofoot

Framework of Quality Overview

What Is the Framework of Quality?

The Framework of Quality is a rubric by which workforce credentials are evaluated for inclusion on a Master Credentials List (MCL) for the state of Florida in alignment with federally-funded workforce accountability requirements. These accountability requirements include credential attainment, placement and median wage outcomes. Credentials to be evaluated include registered apprenticeship programs, industry certifications, licenses, advanced technical certificates, college credit certificates, career certificates, applied technology diplomas, and associate, baccalaureate and graduate degrees. The Master Credentials Lists will help the state direct funding to prioritize credentials of value and address the economic needs of Florida's citizens and businesses. Specific funding attached to the Master Credentials List is covered later in this document.

By statute, <u>nondegree</u> credentials should require:

- Evidence the credential meets labor market demand as defined by the Labor Market Estimating Conference or meets local demand as identified by criteria established by the Credentials Review Committee.
- 2. Evidence the **competencies** mastered upon completion of the credential are **aligned with labor market demand**.
- Evidence of employment and earnings outcomes for individuals obtaining the credentials and evidence that earnings outcomes meet middle- to high-level wages. Preference is given to credentials generating high-level wages.
 - Credentials that do not meet the earnings outcome criteria must be part of a sequence of credentials required for the next level occupation that does meet the earnings outcome criteria established by the Credentials Review Committee.

The Credentials Review Committee also will establish criteria to determine value for <u>degree</u> programs. As with nondegree credentials, these criteria shall include evidence the degree program **meets the labor market demand** as defined by the Labor Market Estimating Conference or **meets local demand** as identified by criteria established by the Credentials Review Committee.

The Credentials Review Committee will establish a process for **prioritizing** nondegree and degree credentials based on critical statewide or regional shortages.

Critical Variables for the Framework of Quality

The following four data elements must be considered when defining the value of a credential:

- 1. **Labor Market Demand** There are three elements of demand that must be considered for the Framework of Quality.
 - a. Labor Market Estimating Conference (LMEC) Statute establishes a Labor Market Estimating Conference that will identify occupations that are in demand at the state, regional and local levels; high-skill; and have middle-level to high-level wages. The LMEC met on October 6 and issued its first publication of an occupational analysis for the state of Florida -(http://edr.state.fl.us/Content/conferences/labormarket/index.cf m).
 - b. Local Demand Statute states that credentials must meet labor market demand as defined by the LMEC or meet local demand as identified by criteria established by the Credentials Review Committee. At the December 2021 Credentials Review Committee meeting, the committee will consider proposed criteria for evaluating a credential for Master Credentials List inclusion on the basis of local demand.
 - c. Priority of Demand The Credentials Review Committee will establish a process to prioritize nondegree and degree credentials based on critical statewide or regional shortages identified by the LMEC.
- Employment Outcome Thresholds The Credentials Review Committee
 must establish thresholds for employment outcomes of credentials to
 determine inclusion on the Master Credentials List. Employment outcome
 thresholds represent the ability of an individual who holds the credential
 to gain employment.
- 3. Earning Outcome Thresholds The Credentials Review Committee must establish thresholds for earning outcomes of credentials that will determine inclusion on the Master Credentials List. Statute requires credentials meet middle-level to high-level wages. Earnings outcome thresholds represent the annual wages an individual who holds the credential can earn.
- 4. Credential Sequencing Credentials that do not meet the earnings outcome threshold may be considered for inclusion on the Master Credentials List if they are part of a sequence of credentials that lead to an occupation that *does* meet the earnings outcome criteria. Education

Strategy Group has conducted research on the stackable nature of credentials and elements the Credentials Review Committee may consider when establishing criteria for credential sequencing.

How Will the Framework of Quality Be Used?

Once the Framework of Quality is defined by the Credentials Review Committee, credentials offered in Florida will be evaluated against the framework for inclusion on the Master Credentials List.

Education programs that confer credentials are offered by various entities including:

 Florida Department of Education (DOE) - 12 state universities, 28 state colleges in the Florida College System, and 67 technical colleges and school districts offer degree and nondegree credentials at the secondary and postsecondary levels. The DOE also registers apprenticeship programs in Florida.

2. Private Education Providers

- a. Independent Colleges and Universities of Florida (ICUF) There are 30 private, non-profit colleges and universities in Florida serving more than 159,000 students. Credentials conferred are mostly at the baccalaureate and graduate levels.
- b. Commission for Independent Education There are nearly 900 non-public, postsecondary, mostly for-profit education institutions serving nearly 200,000 students throughout Florida that are governed by the Florida DOE's Commission for Independent Education. Institutions confer both degree and nondegree credentials at the postsecondary level. Degree credentials are at the associate, baccalaureate and graduate levels.
- 3. Other Floridians also may obtain credentials through other means including self-study and preparation, attending licensed education institutions out of state or online, or from private entities authorized to offer education programs that lead to credentials.

Education Strategy Group plans to evaluate credentials offered by DOE against specific elements of the Framework of Quality approved by the Credentials Review Committee.

State-Funded Programs Linked to the Master Credentials List

Per statute, a number of state-funded education programs require that the program leads to a credential on the Master Credentials List. These programs include:

- 1. Incumbent Worker Training Training grants issued by CareerSource Florida to businesses who train existing workers for new skills.
- 2. Department of Agriculture and Consumer Services Credentials Specific credentials that are necessary for the agriculture industry in Florida and identified by the Department of Agriculture and Consumer Services must be considered by the Credentials Review Committee for inclusion on the Master Credentials List.
- 3. Career and Professional Education (CAPE) Act The CAPE Act was established in 2013 to create a statewide planning partnership between business and education communities to identify programs of study and credentials that would help Florida expand and retain high-value industry and sustain a vibrant state economy. Public secondary and post-secondary institutions receive up to \$20.5 million in state incentive funds for CAPE programs based on credentials earned and completers. In order to be eligible for CAPE funding, programs must lead to credentials on the Master Credentials List. The Credentials Review Committee will establish a process by which credentials are submitted for review and evaluation for inclusion on the Master Credentials List. This new process will replace the previous CAPE application process for CAPE-specific credentials.
- 4. Open Door Grant The Open Door Grant pays up to two-thirds of tuition for students enrolled in specified education programs that lead to credentials on the Master Credentials List. This grant is offered only through the Florida College System and the 67 school district postsecondary schools.
- 5. Money-Back Guarantee Florida College System and school district schools are to identify programs that lead to credentials on the Master Credentials List that will be offered with a money-back guarantee, in which the cost of tuition will be refunded to students who are not able to find a job in their field of study within six months of completion.
- 6. New Workforce Education Programs The State Board of Education must establish criteria for the review and approval of new workforce education programs at Florida College System and school district schools based on the Framework of Quality established by the Credentials Review Committee. Only programs that meet the Framework of Quality will be eligible for performance incentive funding from the state of Florida.

It is worth noting that the Master Credentials List **does not determine what education programs are offered or available in Florida.** Statute defines specific state-funded programs that <u>MUST</u> align with the Master Credentials List. The law does not limit what education programs are offered. Education providers and institutions that are not included in the state-funded programs defined in statute are not impacted by the Master Credentials List.

Framework of Quality Process Map

CREDENTIALS

Degree and nondegree workforce credentials including registered apprenticeship programs, industry certifications, licenses, advanced technical certificates, college credit certificates, career certificates, applied technology diplomas, associate degrees, baccalaureate degrees and graduate degrees.

FRAMEWORK OF QUALITY

Priority Demand Wages Stackability

Labor Market Estimating Conference



State and Region Supply and Demand by Education Level

Wages

Areas of Labor Shortages

MASTER CREDENTIALS LIST

FUNDING DECISIONS

Incumbent Worker Training Department of Agriculture and Consumer Service Credentials Career and Professional Education Act (CAPE)

Open Door Grant Funding

Money Back Guarantee Returned
Value
Funding
Formula

Programs that
receive
performance
funding and
meet
Framework of
Quality

Labor Market Estimating Conference Executive Summary

October 6, 2021

The Labor Market Estimating Conference (LMEC) met on October 6, 2021, and adopted official information pursuant to Chapter 2021-164, Laws of Florida. Florida law tasks the LMEC with the development of detailed supply and demand projections for Florida's statewide, regional and local labor markets. This Conference was the first meeting of the LMEC and focused on a narrow set of targeted products. The test materials provide a flexible starting point for longer-term work by the LMEC.

For this analysis, occupations were limited to the educational attainment levels of High School Completers through Associate's Degree (HS to AD), collectively referred to as the target group. This product represents a partial deliverable in the LMEC series as outlined by Florida law. Upcoming Conferences will include the full array of educational attainment levels, spanning from 'no formal educational credential' to 'Doctoral or professional degree,' to fulfill statutory requirements.

The adopted package analyzes individual occupations and occupational groups within the HS to AD target group for the state and Florida's 24 Workforce Regions. It develops five statistical wage brackets; real-time job openings; and 2024 (3-year), 2026 (5-year), and 2031 (10-year) statewide projections of filled jobs. County-level analysis is not included in this package as data is currently limited at this geography.

The wage brackets classify average annual wages for occupations into five groups for the state and the workforce regions. The first group represents the bracket for 'High' wages (A), followed by 'Medium High' wages (B), 'Medium' wages (C), 'Medium Low' wages (D), and 'Low' wages (E). Wage brackets were developed from statistically relevant natural breaks in the data. The wage bracket calculation was repeated in four scenarios:

- I. Across all occupations for all education levels combined (including those beyond the target group)
- II. By major occupational group for all education levels combined (including those beyond the target group)
- III. Across all occupations for the combined HS-AD education level
- IV. By major occupational group for the combined HS-AD education level

The wage brackets in the four scenarios were calculated for the state and each of Florida's workforce regions to reflect regional differences in average annual wages.

Statewide projections of jobs filled for 2024 (3-year), 2026 (5-year), and 2031 (10-year) were developed using national industry staffing patterns by occupation. The projections are

consistent with the official forecast developed by the Florida Economic Estimating Conference. Projections were not made for the workforce regions for the first conference due to federal suppression and confidentiality rules for regional Florida labor market data.

Real-time job openings were presented from online job data collected by the Burning Glass Technologies Labor Insight tool licensed by the Florida Department of Economic Opportunity (DEO). Real-time openings were displayed at both the statewide and regional level.

The partial product adopted by this Conference is intended to allow users and stakeholders the opportunity to begin reacting to detailed Florida labor market data and the requirements of the new law. The table below outlines a tentative schedule for future products, leading to the completion of the deliverables needed to fulfill Florida law. It is anticipated that the Conference will meet as key milestones are reached or when future products become available, perhaps earlier than indicated below. This will not necessarily align with the regular conference schedule.

Florida Credentials Review Committee Meeting and Main Activities Timeline

Acronyms:

CAPE = Career and Professional Education Act

CIP = Classification of Instructional Program

CoV = Credentials of Value

CRC = Credentials Review Committee

ESG = Education Strategy Group

FETPIP = Florida Education& Training Placement Information Program

FoQ = Framework of Quality

LMEC = Labor Market Estimating Conference

MCL = Master Credentials List

PSE = Programs of Strategic Emphasis

SBE = State Board of Education

SOC = Standard Occupational Classification

Lead Entity	Color
Joint Workgroup	
Department of Education (DOE)	
CareerSource Florida (CSF)	
Department of Economic Opportunity	
(DEO)	
Labor Market Estimating Conference	
(LMEC)	
Department of Agriculture and	
Consumer Services (DACS)	
Board of Governors	

Florida Credentials Review Committee Meeting and Main Activities Timeline

	CRC Mtg 1	CRC Mtg 2	CRC Mtg 3	CRC Mtg 4	End of Year	CRC Mtg 1	CRC Mtg 2	CRC Mtg 3
Prior to	SBE adopts CAPE lists as Master Credentials List (MCL) for 21-22	DOE/ESG completes Framework of Quality (FoQ) for sub- baccalaureate degrees	LMEC Meeting 2 (Jan 2022)	Screen MCL applicants using FoQ	Collect lessons learned; plan work for baccalaureate	Plan work for baccalaureate and graduate degrees on	Conduct work to support annual review of MCL/phase-out	DACS submits credentials for consideration on MCL
Meeting	(8/18)	Employer Engagement Survey, and Sector- Specific Focus Groups	- Demand analysis Apply approved FoQ to current credentials to develop initial MCL	DACS submits credentials for consideration on MCL	and graduate degrees on MCL, adopt transition plans, etc.	degrees on MCL in partnership with DOE	credentials that do not meet the FoQ	OHWEL
		Draft process for submission and review of credentials for inclusion on MCL and	Begin to accept MCL applicants and screen using FoQ					Establish process to support biennial FoQ
		convene review team	using 100	Assess criteria for PSE in relation to FoQ	Anticipated LMEC Meeting (Summer 2022)			review
		Draft criteria for local demand LMEC Meeting 1 (10/06/21) - HS to Associates only - Wage brackets - Projections	Establish FETPIP timeline for needed data elements	Draft Returned- Value Funding Formula		Screen MCL applicants using FoQ	Screen MCL applicants using FoQ	Screen MCL applicants using FoQ
Meeting Date	Sept. 2021	Dec. 2021	Jan. 2022	Apr. 2022	June 2022	Sept. 2022	Nov./Dec. 2022	Jan. 2023
CRC Actions	Approve CRC Charter	Approve Definition for Credentials of Value and Framework of Quality for sub-baccalaureate degrees and credentials	Consider inaugural MCL for approval and submission to CSF Board of Directors	Approve eligible MCL applicants	Funding ba	Discuss CoV/MCL for baccalaureate and graduate	Define CoV/MCL for baccalaureate+	Approve eligible MCL applicants and phased out credentials
		Approve process for submitting NEW credentials for review and inclusion on MCL	Approved MCL submitted to SBE (02/2022)		Tomala	degrees	Review MCL applicants w/FoQ	Approved MCL submitted to CSF Board for approval, then to SBE
	Convene Framework of Quality Workshop for CRC members (10/26/2021)	Review current FETPIP data-elements and identify any necessary data elements for work of CRC	Present PSE designation for State University System	Review proposed criteria for PSE	Evaluate Year 1 process/ outcomes	Approve eligible MCL applicants	Annual review/phase- out of credentials that do not meet FoQ	Discuss process for biennial FoQ review
		Review CIP-SOC linkages developed by SkillsEngine	Discuss current Returned - Value Funding Formula	Approve Returned-Value Funding Formula			do not meet roo	

Florida Credentials Review Committee Meeting and Main Activities Timeline

Speakers' Bios

Amy Baker



Amy Baker is the coordinator of the Florida's Legislature's Office of Economic & Demographic Research. In this role, Ms. Baker serves as the legislature's chief economist. She previously was deputy staff director and subsequently staff director for the Florida House Appropriations Committee.

Ms. Baker has worked in state government for 35 years, serving in both the executive and legislative branches.

Some of her previous roles include legislative affairs director for Governor Bob Martinez, chief of staff for former Senator Ander Crenshaw and chief financial officer for the Florida Department of Children and Families. She did graduate work in economics at Florida State University.

Kathleen Mathers



Kathleen Mathers serves as principal for the Career Readiness portfolio at Education Strategy Group. Ms. Mathers' work specializes in designed demand-driven career pathways that offer high-quality, work-based learning experiences and opportunities to earn high-value credentials to put more learners on paths to economic and career success. She led the expert workgroup that resulted in the <u>Credential Currency report</u> and developed the related <u>toolkit</u> to support state implementation of those

ideas; and has worked directly with states and local communities on identifying, incentivizing and driving equitable attainment of high-value credentials.

Prior to her work at Education Strategy Group, Ms. Mathers served as executive director of the Governor's Office of Student Achievement in Georgia, a P-20 research, policy and accountability agency. She earned a bachelor's degree from St. Mary's College and a master's degree from Georgia State University.

Emily Passias, Ph.D.



Emily Passias serves as director for the Career Readiness portfolio at Education Strategy Group. Previously, Dr. Passias served as the director of the Office of Career-Technical Education, as well as the assistant director in the Office of Accountability at the Ohio Department of Education. Her work has focused on state policies aimed at preparing students for college and careers, including the development of Ohio's career-focused pathway to high school graduation, developing the nation's only A-F

report card focused on career-technical education, developing and implementing metrics to evaluate career-technical education programs, implementing support structures to improve struggling programs, and overseeing the initiatives to identify and incentivize high-value, industry-recognized credentials.

Dr. Passias earned her bachelor's, master's, and doctoral degrees at The Ohio State University, where she taught research methods, statistics, and substantive sociology courses for ten years. She also completed the Strategic Data Project through the Center for Education Policy Research at Harvard University.

Keith Richard, Ph.D.



Keith Richard is the Statewide Director of Career & Technical Education Quality for the Florida Department of Education, Division of Career and Adult Education. Dr. Richard's work focuses on innovating Florida's career and technical programs, better aligning them to industry and ensuring the state's talent meets the demands of future of work.

Dr. Richard directs Florida's annual career and technical education audit in view of supporting the aims of Perkins V and the Governor's goal of becoming #1 in the country in workforce education by 2030. His work is focused on co-leading Florida's Credentials of Value Workgroup initiative to support the aims of the Reimaging Education and Career Help Act. Additionally, he serves as an agency lead for the implementation of the Education Meets Opportunity Platform.

The Florida Credentials Review Committee and the Master Credentials List



Benefits for Florida Businesses

Under the 2021 Reimagining Education and Career Help (REACH) Act, Florida's education and workforce development leaders are focused on improving training within and equity and access to more integrated workforce and education systems for all Floridians.

How does a Master Credentials List help develop a stronger workforce?

The REACH Act creates a <u>Credentials Review Committee</u> of business, education and government leaders to develop a Master Credentials List. The development of this list will ensure credentialing programs align with occupations that lead to economic self-sufficiency for the individual and help businesses succeed and grow.

The Master Credentials List will:

- Guide workforce education and training by informing the public of the credentials that have value in the current or future job market.
- Serve as a public and transparent inventory of state-approved credentials of value.
- Direct the use of federal and state funds for workforce education and training programs that lead to approved credentials of value.

How do businesses benefit?

More accurate hiring information when assessing applicants

 The Master Credentials List will improve the ability of employers to hire qualified and quality employees because it provides an additional layer of skills information

 a credential of value is linked to occupations in demand.

An opportunity to provide direct input on skilled talent needs

- Businesses can help drive consistency by identifying required credentials and skills in job postings, distinguishing between required and nice-to-have credentials in job postings, and articulating wage increases and advancement potential associated with specific credentials.
- Businesses, often through the power of industry associations, can help influence credentialing entities to verify credentials reflect the knowledge and skills required for success and help ensure those credentials are on the Master Credentials List.
- Businesses can provide an early warning detection for additions, deletions and/or certification changes needed due to technology advancement and/or disruption in the marketplace.
- Businesses can help the Credentials Review Committee define criteria for local demand in the labor market that may not be identified at the state level.

Better labor market information

- The REACH Act reestablishes the Labor Market Estimating Conference as the entity for determining Florida's real-time supply and demand in the labor market (state and regional).
- This information will enable employers to better communicate and collaborate with educational institutions on workforce partnerships. Both new and existing employers will have a better understanding of the supply of qualified workers statewide and in their local areas.

How do I get involved?

- Connect with your local workforce development board here -<u>https://careersourceflorida.com/business-services/.</u>
- Share industry trends driving existing and future talent development needs with your local workforce, economic development and education partners.
- Learn more go to <u>careersourceflorida.com/florida-credentials-review-committee</u>.

Master Credentials List, 2021-2022

DOE Code	Certification/ Credential Title	K-8 Digital Tool	21-22 PS CAPE	21-22 K-12 CAPE	Primary Career Cluster
NREMT003	Emergency Medical Responder (EMR)	No	Yes	Yes	Health Science
ABAYC003	Marine Electrical Certification	No	Yes	Yes	Transportation, Distribution & Logistics
ACSMD002	Certified Personal Trainer	No	Yes	Yes	Health Science
ADESK021	Autodesk Certified Professional - AutoCAD	No	Yes	Yes	Architecture & Construction
ADESK023 ADESK024	Autodesk Certified Professional - AutoCAD Civil 3D	No	Yes	Yes	Architecture & Construction
ADESK024 ADESK025	Autodesk Certified Professional - Inventor Autodesk Certified Professional - Revit Architecture	No No	Yes Yes	Yes Yes	Engineering and Technology Education Architecture & Construction
ADESK023	Autodesk Certified Professional - Revit Architecture Autodesk Certified Associate in CAD for Mechanical Design	No	Yes	Yes	Manufacturing
ADESK034	Autodesk Certified Associate in CAM 2.5 Axis Milling for Machinists	No	Yes	Yes	Manufacturing
	Certified Medical Assistant (CMA)	No	Yes	Yes	Health Science
	Certified Drafter - Architectural	No	Yes	Yes	Architecture & Construction
AMDDA004	Certified Drafter - Mechanical	No	Yes	Yes	Architecture & Construction
AMEDT004	Registered Medical Assistant (RMA)	No	Yes	Yes	Health Science
AWELD003	AWS Certified Welder - FCAW Plate	No	Yes	Yes	Manufacturing
	AWS Certified Welder - GMAW Plate	No	Yes	Yes	Manufacturing
	AWS Certified Welder - SMAW Pipe	No	Yes	Yes	Manufacturing
	AWS Certified Welder - SMAW Plate	No	Yes	Yes	Manufacturing
CISCO026	Cisco Certified Network Associate (CCNA)	No No	Yes Yes	Yes	Information Technology
	CompTIA A+ CompTIA Linux+	No	Yes	Yes Yes	Information Technology Information Technology
	CompTIA Network+	No	Yes	Yes	Information Technology
	CompTIA Project+	No	Yes	Yes	Information Technology
	CompTIA Security+	No	Yes	Yes	Information Technology
	CompTIA Server+	No	Yes	Yes	Information Technology
COMPT016	CompTIA Cybersecurity Analyst (CySA+)	No	Yes	Yes	Information Technology
COMPT020	CompTIA Cloud Essentials+	No	Yes	Yes	Information Technology
ETAIN008	Associate Certified Electronics Technician (CETa)	No	Yes	Yes	Manufacturing
	Certified Nursing Assistant (CNA)	No	Yes	Yes	Health Science
	911 Public Safety Telecommunicator	No	Yes	Yes	Law, Public Safety & Security
FEDAA002	FAA Aviation Maintenance Technician - General	No	Yes	Yes	Transportation, Distribution & Logistics
FEDAA004	FAA Aviation Mechanic Technician - Airframe	No	Yes	Yes	Transportation, Distribution & Logistics
FEDAA010 FLFBR006	FAA Aviation Maintenance Technician - Powerplant Agricultural Unmanned Aircraft Systems Specialist Certification	No No	Yes Yes	Yes Yes	Transportation, Distribution & Logistics Agriculture, Food & Natural Resources
HVACE001	HVAC Excellence Employment Ready - Heat Pump	No	Yes	Yes	Architecture & Construction
HVACE002	HVAC Excellence EmploymentReady - Air Conditioning	No	Yes	Yes	Architecture & Construction
HVACE011	HVAC Excellence Employment Ready - Electrical	No	Yes	Yes	Architecture & Construction
	Python Coding Specialist	No	Yes	Yes	Information Technology
KNOWL002	WordPress Certified Editor	No	Yes	Yes	Information Technology
MSSCN001	MSSC Certified Production Technician (CPT)	No	Yes	Yes	Manufacturing
MSSCN002	MSSC Certified Logistics Technician (CLT)	No	Yes	Yes	Transportation, Distribution & Logistics
	NASM Certified Personal Trainer (CPT)	No	Yes	Yes	Health Science
NATEX001	Air Conditioning Service Technician	No	Yes	Yes	Architecture & Construction
NATEXO02	Air Conditioning Installation Specialization	No	Yes	Yes	Architecture & Construction
NATEXO03	Air to Air Heat Pump Installation Technician Certified EKG Technician (CET)	No No	Yes Yes	Yes Yes	Architecture & Construction Health Science
NATHA002	• •	No	Yes	Yes	Health Science
NATHA006	` ,	No	Yes	Yes	Health Science
NATHA009	Certified Clinical Medical Assistant (CCMA)	No	Yes	Yes	Health Science
NATHA010	Certified Pharmacy Technician (CPhT)	No	Yes	Yes	Health Science
NATHA011	Certified Electronic Health Record Specialist (CEHRS)	No	Yes	Yes	Health Science
NCATT001	Aircraft Electronics Technician (AET)	No	Yes	Yes	Transportation, Distribution & Logistics
NCFCT001	National Certified ECG Technician (NCET)	No	Yes	Yes	Health Science
NCFCT005	Medical Assistant	No	Yes	Yes	Health Science
NCFCT007	National Certified Medical Office Assistant (NCMOA)	No	Yes	Yes	Health Science
NCFCT008	National Certified Patient Care Technician (NCPCT)	No	Yes	Yes	Health Science
NCSBN002	National Licensed Practical Nurse (NCLEX-PN)	No	Yes	Yes	Health Science
NIASE005	ASE Automobile/Light Truck Technician: Automatic Transmission/Transaxle	No	Yes	Yes	Transportation, Distribution & Logistics Transportation, Distribution & Logistics
NIASE007 NIASE008	ASE Automobile/Light Truck Technician: Brakes (A5) ASE Automobile/Light Truck Technician: Electrical/Electronic Systems (A6)	No No	Yes Yes	Yes Yes	Transportation, Distribution & Logistics Transportation, Distribution & Logistics
NIASE008 NIASE009	ASE Automobile/Light Truck Technician: Electrical/Electronic Systems (AG) ASE Automobile/Light Truck Technician: Engine Performance (A8)	No	Yes	Yes	Transportation, Distribution & Logistics Transportation, Distribution & Logistics
NIASE010	ASE Automobile/Light Truck Technician: Engine Repair (A1)	No	Yes	Yes	Transportation, Distribution & Logistics
NIASE011	ASE Automobile/Light Truck Technician: Heating and Air Conditioning (A7)	No	Yes	Yes	Transportation, Distribution & Logistics
NIASE012	ASE Automobile/Light Truck Technician: Manual Drive Train and Axles (A3)	No	Yes	Yes	Transportation, Distribution & Logistics
NIASE014	ASE Automobile/Light Truck Technician: Suspension and Steering (A4)	No	Yes	Yes	Transportation, Distribution & Logistics
NIASE016	ASE Medium/Heavy Truck Technician: Brakes (T4)	No	Yes	Yes	Transportation, Distribution & Logistics
NIASE017	$\label{eq:ASE Collision Repair and Refinishing Technician: Mechanical and Electrical {\tt Collision Repair} and {\tt Collis$	No	Yes	Yes	Transportation, Distribution & Logistics
NIASE020	ASE Medium/Heavy Truck Technician: Diesel Engines (T2)	No	Yes	Yes	Transportation, Distribution & Logistics
NIASE021	ASE Medium/Heavy Truck Technician: Drive Train (T3)	No	Yes	Yes	Transportation, Distribution & Logistics
NIASE023	ASE Medium/Heavy Truck Technician: Electrical/Electronic Systems (T6)	No	Yes	Yes	Transportation, Distribution & Logistics
NIASE026	ASE Medium/Heavy Truck Technician: Heating, Ventilation, and A/C (HVAC	No	Yes	Yes	Transportation, Distribution & Logistics
NUACEOGO		No	Yes	Yes	Transportation, Distribution & Logistics
NIASE029	ASE Collision Repair and Refinishing Technician: Painting and Refinishing (E				
NIASE029 NIASE031 NIASE033	ASE Medium/Heavy Truck Technician: Preventive Maintenance Inspection ASE Medium/Heavy Truck Technician: Suspension and Steering (TS)	No No	Yes Yes	Yes Yes	Transportation, Distribution & Logistics Transportation, Distribution & Logistics

NREMT001	Emergency Medical Technician (EMT)	No	Yes	Yes	Health Science
ORACL004	Oracle Certified Associate (OCA): Java Programmer	No	Yes	Yes	Information Technology
ORACL005	Oracle Certified Professional (OCP): Java Programmer	No	Yes	Yes	Information Technology
PROSO003	Certified Internet Web (CIW) E-Commerce Specialist	No	Yes	Yes	Information Technology
PROSO006	Certified Internet Web (CIW) Database Design Specialist	No	Yes	Yes	Information Technology
PROSO017	Certified Internet Web (CIW) JavaScript Specialist	No	Yes	Yes	Information Technology
PROSO021	Certified Internet Web (CIW) Web Design Professional	No	Yes	Yes	Information Technology
PROSO022	Certified Internet Web (CIW) Web Design Specialist	No	Yes	Yes	Information Technology
PROSO023	Certified Internet Web (CIW) Web Development Professional	No	Yes	Yes	Information Technology
PROSO027	Certified Internet Web (CIW) Advanced HTML5 & CSS3 Specialist	No	Yes	Yes	Information Technology
PROSO030	Certified Internet Web (CIW) Data Analyst Specialist	No	Yes	Yes	Information Technology
PTCBD001	Pharmacy Technician	No	Yes	Yes	Health Science
SOLID004	Certified Solidworks Professional - Academic (CSWP-Academic)	No	Yes	Yes	Engineering and Technology Education
AAMIN001	Certified Biomedical Equipment Technician	No	Yes	No	Manufacturing
ABAYC001	Composite Boat Builder Certification	No	Yes	No	Transportation, Distribution & Logistics
ABAYC006	A/C Refrigeration Certification	No	Yes	No	Transportation, Distribution & Logistics
ABCOP001	Certified Prosthetic-Orthotic Technician (CTPO)	No	Yes	No	Health Science
ACOPC004	Certified Outpatient Coder (COC)	No	Yes	No	Health Science
ACOPC005	Certified Professional Coder - Payer (CPC-P)	No	Yes	No	Health Science
ACOPC006	Certified Professional Coder (CPC)	No	Yes	No	Health Science
ACOPC007	Certified Professional Biller (CPB)	No	Yes	No	Health Science
AFHDI001	Certified Healthcare Documentation Specialist (CHDS)	No	Yes	No	Health Science
AFHDI002	Registered Healthcare Documentation Specialist (RHDS)	No	Yes	No	Health Science
AHCSM001	Certified Registered Central Service Technician	No	Yes	No	Health Science
AHIMA001	Certified Coding Associate (CCA)	No	Yes	No	Health Science
AHIMA002	Certified Coding Specialist (CCS)	No	Yes	No	Health Science
AHIMA003	Certified Coding Specialist - Physician-based (CCS-P)	No	Yes	No	Health Science
AHIMA007	Registered Health Information Administrator (RHIA)	No	Yes	No	Health Science
AHIMA009	Registered Health Information Technician (RHIT)	No	Yes	No	Health Science
AHIMA010	Certified in Health Care Privacy & Security (CHPS)	No	Yes	No	Health Science
AHIMA011	Certified Healthcare Technology Specialist - Clinician/Practitioner Consulta	No	Yes	No	Health Science
AHIMA012	Certified Healthcare Technology Specialist - Implementation Manager (CH1	No	Yes	No	Health Science
AHIMA013	Certified Healthcare Technology Specialist - Implementation Support Speci	No	Yes	No	Health Science
AHIMA014	Certified Healthcare Technology Specialist - Practice Workflow & Informati	No	Yes	No	Health Science
AHIMA015	Certified Healthcare Technology Specialist - Technical/Software Support St	No	Yes	No	Health Science
AHIMA016	Certified Healthcare Technology Specialist - Trainer (CHTS-TR)	No	Yes	No	Health Science
AHIMA017	Certified Documentation Improvement Practitioner (CDIP)	No	Yes	No	Health Science
AHIMA018	Certified Health Data Analyst (CHDA)	No	Yes	No	Health Science
	Medical Laboratory Technician (MLT)	No	Yes	No	Health Science
	Medical Technologist (MT(AAB))	No	Yes	No	Health Science
	AWS Certified Solutions Architect - Associate	No	Yes	No	Information Technology
	AWS Certified Cloud Practitioner	No	Yes	No	Information Technology
	AWS Certified Developer - Associate	No	Yes	No	Information Technology
	AWS Certified Data Analytics - Specialty	No	Yes	No	Information Technology
	AWS Certified Database - Specialty	No	Yes	No	Information Technology
	AWS Certified Machine Learning - Specialty	No No	Yes Yes	No No	Information Technology Information Technology
	AWS Certified Security - Specialty AWS Certified SysOps Administrator- Associate	No	Yes		
	Medical Laboratory Technician	No	Yes	No No	Information Technology Health Science
	Certified Paraoptometric Assistant (CPOA)	No	Yes	No	Health Science
	Registered Technologist (Radiography)	No	Yes	No	Health Science
AMRRT003	Radiologic Technologist (Sonography)	No	Yes	No	Health Science
AMRRT005	Registered Technologist - Quality Management (R.T.)	No	Yes	No	Health Science
AMRRT006	Registered Technologist (Nuclear Medicine)	No	Yes	No	Health Science
AMRRT007	Registered Technologist (Radiation Therapy)	No	Yes	No	Health Science
AMRRT008	Computed Tomography (CT)	No	Yes	No	Health Science
AMRRT009	Registered Technologist-Cardiac Interventional Radiography (CI)	No	Yes	No	Health Science
AMRRT010	Registered Technologist - Magnetic Resonance Imaging (MRI)	No	Yes	No	Health Science
AMRRT011	Registered Technologist - Mammography (M)	No	Yes	No	Health Science
AMRRT012	Registered Technologist - Vascular Interventional Radiography (VI)	No	Yes	No	Health Science
AMSCP001	Histotechnologist, HTL(ASCP)	No	Yes	No	Health Science
AMSCP002	Medical Laboratory Technician (MLT(ASCP))	No	Yes	No	Health Science
AMSCP005	Medical Laboratory Scientist (MLS)	No	Yes	No	Health Science
AMSFQ001	Manager of Quality/Organizational Excellence	No	Yes	No	Business, Management & Administration
AMSFQ006	Quality Improvement Associate (CQIA)	No	Yes	No	Manufacturing
AMSFQ011	Six Sigma Black Belt (CSSBB)	No	Yes	No	Business, Management & Administration
AMSFQ012	Six Sigma Green Belt (CSSGB)	No	Yes	No	Business, Management & Administration
AMSTL004	Professional Designation in Supply Chain Management (PLS)	No	Yes	No	Transportation, Distribution & Logistics
APICS001	Certified in Logistics, Transportation, and Distribution (CLTD)	No	Yes	No	Transportation, Distribution & Logistics
ARDMS001	Registered Diagnostic Cardiac Sonographer (RDCS)	No	Yes	No	Health Science
ARDMS002	Registered Diagnostic Medical Sonographer (RDMS)	No	Yes	No	Health Science
ARDMS003	Registered Vascular Technologist	No	Yes	No	Health Science
AWELD005	AWS Certified Welder - GTAW Pipe (Carbon Steel)	No	Yes	No	Manufacturing
AWELD006	AWS Certified Welder - GTAW Pipe (Stainless Steel to Carbon Steel)	No	Yes	No	Manufacturing
AWELD007	AWS Certified Welder - GTAW Pipe (Stainless Steel)	No	Yes	No	Manufacturing
AWELD008	AWS Certified Welder - GTAW Plate	No	Yes	No	Manufacturing
AWELD009	AWS Certified Welder - GTAW/SMAW Pipe (Carbon Steel)	No	Yes	No	Manufacturing
AWELD010	AWS Certified Welder - GTAW/SMAW Pipe (Chrome PWHT)	No	Yes	No	Manufacturing

	AWS Certified Welder - S.S 18 Gauge through 10 Gauge	No	Yes	No	Manufacturing
AWELD014	AWS Certified Welder - GTAW/SMAW Pipe (Combo Carbon Steel)	No	Yes	No	Manufacturing
BNENT001	Certified Hemodialysis Technologist/Technician	No	Yes	No	Health Science
BRPST001	Registered Polysomnographic Technologist	No	Yes	No	Health Science
CCINT002	Registered Cardiac Sonographer (RCS)	No	Yes	No	Health Science
CCINT002					
	Registered Cardiovascular Invasive Specialist	No	Yes	No	Health Science
CCINT004	Registered Vascular Specialist	No	Yes	No	Health Science
CDREG001	Dietetic Technician, Registered (DTR)	No	Yes	No	Health Science
CISCO010	Cisco Certified Design Expert (CCDE)	No	Yes	No	Information Technology
CITRX004	Citrix Certified Administrator (CCA)- XenApp	No	Yes	No	Information Technology
	CompTIA Cloud+	No	Yes		
	•			No	Information Technology
COMPT017	CompTIA Advanced Security Practitioner (CASP)	No	Yes	No	Information Technology
COMPT019	CompTIA PenTest+	No	Yes	No	Information Technology
CPSTL001	Check Point Certified Security Administrator (CCSA)	No	Yes	No	Information Technology
CPSTL002	Check Point Certified Security Expert (CCSE)	No	Yes	No	Information Technology
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CSCMP001	SCPro Fundamentals Bundle (8 exams)	No	Yes	No	Transportation, Distribution & Logistics
CWNPT001	Certified Wireless Network Administrator (CWNA)	No	Yes	No	Information Technology
DANBD001	Certified Dental Assistant (CDA)	No	Yes	No	Health Science
EMCSQ001	Information Storage and Management (EMCISA) Associate	No	Yes	No	Information Technology
ENTCP001	ETCP Certified Entertainment Electrician	No	Yes	No	Arts, A/V Technology & Communication
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ETAIN002	Fiber Optics Installer (FOI)	No	Yes	No	Arts, A/V Technology & Communication
ETAIN009	Data Cabling Installer Certification (DCIC)	No	Yes	No	Arts, A/V Technology & Communication
ETAIN010	Fiber Optics Technician (FOT)	No	Yes	No	Arts, A/V Technology & Communication
ETAIN011	Fiber Optics Technician-Outside Plant (FOT-OSP)	No	Yes	No	Arts, A/V Technology & Communication
ETAIN012	Photonics Technician - Operator (PTO)	No	Yes	No	Arts, A/V Technology & Communication
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ETAIN013	Photonics Technician Specialist (PTS)	No	Yes	No	Arts, A/V Technology & Communication
ETAIN014	Photovoltaic Installer (PVI) - Level 1	No	Yes	No	Energy
ETAIN019	Small Wind Installer (SWI) - Level 1	No	Yes	No	Energy
ETAIN022	Specialist in Precision Optics (SPO)	No	Yes	No	Arts, A/V Technology & Communication
ETAIN023	Technician in Precision Optics (TPO)	No	Yes	No	Arts, A/V Technology & Communication
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FASMB001	Massage and Bodywork Licensing Examination	No	Yes	No	Health Science
FDMQA010	Licensed Dental Hygienist	No	Yes	No	Health Science
FDMQA014	Paramedic (EMT-P)	No	Yes	No	Health Science
ΕΠΜΟΔ018	Licensed Physical Therapist Assistant	No	Yes	No	Health Science
	Licensed Optician	No			Health Science
	·		Yes	No	
FLDLE002	Correctional Officer	No	Yes	No	Law, Public Safety & Security
FLDLE003	Correctional Probation Officer	No	Yes	No	Law, Public Safety & Security
FLDLE004	Law Enforcement Officer	No	Yes	No	Law, Public Safety & Security
FLSFM006	Fire Fighter II	No	Yes	No	Law, Public Safety & Security
FLSFM007		No			
	Fire Safety Inspector I		Yes	No	Law, Public Safety & Security
FLSFM014	Fire Officer II	No	Yes	No	Law, Public Safety & Security
GLIAC001	GIAC Certified Forensic Analyst (GCFA)	No	Yes	No	Information Technology
GLIAC002	GIAC Certified Forensic Examiner (GCFE)	No	Yes	No	Information Technology
GLIAC003	GIAC Certified UNIX Security Administrator (GCUX)	No	Yes	No	Information Technology
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GLIAC004	GIAC Information Security Fundamentals (GISF)	No	Yes	No	Information Technology
GLIAC005	GIAC Security Essentials (GSEC)	No	Yes	No	Information Technology
GLIAC006	GIAC Cloud Security Automation	No	Yes	No	Information Technology
GLIAC007	GIAC Cloud Security Essentials	No	Yes	No	Information Technology
GOOGL001	Google Associate Cloud Engineer	No	Yes	No	Information Technology
HIMSS001	Certified Associate in Healthcare Information & Management Systems	No	Yes	No	Health Science
HVACE003	HVAC Excellence Employment Ready - Light Commercial Air Conditioning	No	Yes	No	Architecture & Construction
HVACE004	HVAC Excellence Employment Ready - Electric Heat	No	Yes	No	Architecture & Construction
HVACE005	HVAC Excellence Employment Ready - Light Commercial Refrigeration	No	Yes	No	Architecture & Construction
HVACE006	HVAC Excellence Employment Ready - Gas Heat	No	Yes	No	Architecture & Construction
HVACE015	HVAC Excellence Professional Level - Heat Pump Service	No	Yes	No	Architecture & Construction
IASSC001	IASSC Certified Black Belt				Manufacturing
		No	Yes	No	•
ICOEC002	Certified Ethical Hacker (CEH)	No	Yes	No	Information Technology
ICOEC003	Computer Hacking Forensic Investigator (CHFI)	No	Yes	No	Information Technology
ICOEC004	Certified Security Analyst (ECSA)	No	Yes	No	Information Technology
ICOEC007	EC-Council Certified Incident Handler (ECIH)	No	Yes	No	Information Technology
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ICOEC008	EC-Council Certified Network Defender (CND)	No	Yes	No	Information Technology
ICOEC009	EC-Council Certified Security Operations Center (SOC) Analyst (CSA)	No	Yes	No	Information Technology
IECON001	Field Service Engineer - Low Voltage Systems	No	Yes	No	Architecture & Construction
IECON002	Field Service Engineer - Voice-Data-Video	No	Yes	No	Architecture & Construction
IECON003	Journeyman Electrician	No	Yes	No	Architecture & Construction
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IECON004	Residential Wireman	No	Yes	No	Architecture & Construction
IISSC001	CISSP- Information Systems Security Management Professional (CISSP-ISSN	No	Yes	No	Information Technology
IISSC002	Systems Security Certified Practitioner (SSCP)	No	Yes	No	Information Technology
IISSC003	Certified Cyber Forensics Professional (CCFP)	No	Yes	No	Information Technology
IISSC004	Certified Information Systems Security Professional (CISSP)	No	Yes	No	Information Technology
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INSOC002	Certified Automation Professional (CAP)	No	Yes	No	Manufacturing
INSOC005	Certified Control Systems Technician (CCST) - Level 3	No	Yes	No	Manufacturing
JCAHO001	Certified Ophthalmic Medical Technologist (COMT)	No	Yes	No	Health Science
JCAHO002	Certified Ophthalmic Technician (COT)	No	Yes	No	Health Science
KNOWL003	· · · · · · · · · · · · · · · · · · ·	No	Yes	No	Information Technology
KNOWL003		No	Yes		Information Technology
				No	<u>.</u> .
MANSI001	Manufacturing Technician 1 (MT1)	No	Yes	No	Manufacturing
MICRO052	Microsoft Certified Trainer (MCT)	No	Yes	No	Information Technology

MICRO082	Microsoft Certified Solutions Associate (MCSA) - SQL Server 2012	No	Yes	No	Information Technology
MICRO107	Microsoft Certified Solutions Expert (MCSE) - Data Management and Analy	No	Yes	No	Information Technology
MICRO111	Microsoft Certified Solutions Developer (MCSD) - App Builder	No	Yes	No	Information Technology
MICRO116	Windows Server Administration Fundamentals	No	Yes	No	Information Technology
MICRO117	Microsoft 365 Certified: Enterprise Administrator Expert	No	Yes	No	Information Technology
MICRO118	Microsoft 365 Certified: Modern Desktop Administrator Associate	No	Yes	No	Information Technology
MICRO119	Microsoft 365 Certified: Modern Desktop Administrator Associate Microsoft 365 Certified: Security Administrator Associate	No	Yes	No	Information Technology
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MICRO120	Microsoft Certified: Azure Administrator Associate	No	Yes	No	Information Technology
MICRO121	Microsoft Certified: Azure Al Engineer Associate	No	Yes	No	Information Technology
MICRO122	Microsoft Certified: Power Platform Developer Associate	No	Yes	No	Information Technology
MICRO129	Microsoft Certified: Azure Developer Associate	No	Yes	No	Information Technology
MICRO130	Microsoft Certified: Data Analyst Associate	No	Yes	No	Information Technology
NATEX004	Air to Air Heat Pump Service Technician	No	Yes	No	Architecture & Construction
NATHA008	Certified Billing & Coding Specialist (CBCS)	No	Yes	No	Health Science
NBCOT001	Orthopaedic Technologist Certified (OTC)	No	Yes	No	Health Science
NBFOT001	Certified Occupational Therapy Assistant	No	Yes	No	Health Science
NBFRC001	Certified Respiratory Therapist (CRT)	No	Yes	No	Health Science
NBFRC002	Registered Respiratory Therapist (RRT)	No	Yes	No	Health Science
NBOST001	Certified Surgical Technologist	No	Yes	No	Health Science
NCCER211	NCCER Electrical - Level 4 (Postsecondary)	No	Yes	No	Architecture & Construction
NCCER222	NCCER HVAC - Level 4 (Postsecondary)	No	Yes	No	Architecture & Construction
NCCER249	NCCER Pipefitting - Level 4 (Postsecondary)	No	Yes	No	Architecture & Construction
	NCCER Plumbing - Level 4 (Postsecondary)				
NCCER253	5 , ,,	No	Yes	No	Architecture & Construction
NCCER265	NCCER Welding - Level 3 (Postsecondary)	No	Yes	No	Manufacturing
NCCER267	NCCER Industrial Maintenance, Electrical & Instrumentation Technician - Lo	No	Yes	No	Manufacturing
NCFCT004	Tech in Surgery - Certified (NCCT)	No	Yes	No	Health Science
NCFCT006	National Certified Insurance and Coding Specialist (NCICS)	No	Yes	No	Health Science
NCSAF001	Certified Strength Coach	No	Yes	No	Health Science
NCSAF002	Certified Personal Trainer	No	Yes	No	Health Science
NCSAF003	Sport Nutrition Specialist	No	Yes	No	Health Science
NCSBN001	National Licensed Registered Nurse (NCLEX-RN)	No	Yes	No	Health Science
NIASE001	ASE - Advanced Engine Performance Specialist (L1)	No	Yes	No	Transportation, Distribution & Logistics
NIASE018	ASE - Non-structural Analysis and Damage Repair (B3)	No	Yes	No	Transportation, Distribution & Logistics
NIASE025	ASE - Gasoline Engines (T1)	No	Yes	No	Transportation, Distribution & Logistics
NIASE032	ASE - Structural Analysis and Damage Repair (B4)	No	Yes	No	Transportation, Distribution & Logistics
NIASE053	ASE - Compressed Natural Gas (CNG) Engines (H1)	No	Yes	No	Transportation, Distribution & Logistics
NIASE054	ASE - Diesel Engines (H2)	No	Yes	No	
					Transportation, Distribution & Logistics
NIASE055	ASE - Drive Train (H3)	No	Yes	No	Transportation, Distribution & Logistics
NIASE056	ASE - Brakes (H4)	No	Yes	No	Transportation, Distribution & Logistics
NIASE057	ASE - Suspension and Steering (H5)	No	Yes	No	Transportation, Distribution & Logistics
NIASE058	ASE - Electrical/Electronic Systems (H6)	No	Yes	No	Transportation, Distribution & Logistics
NIASE059	ASE - Heating Ventilation and Air Conditioning (HVAC) (H7)	No	Yes	No	Transportation, Distribution & Logistics
NIASE060	ASE - Preventive Maintenance and Inspection (PMI) (H8)	No	Yes	No	Transportation, Distribution & Logistics
NIASE061	ASE - Alternate Fuels (F1)	No	Yes	No	Transportation, Distribution & Logistics
NIASE071	ASE - Light Vehicle Diesel Engines (A9)	No	Yes	No	Transportation, Distribution & Logistics
NIASE095	ASE Light Duty Hybrid/Electric Vehicle Specialist Certification Test (L3)	No	Yes	No	Transportation, Distribution & Logistics
NIASE096	ASE Undercar Specialist Exhaust Systems (X1)	No	Yes	No	Transportation, Distribution & Logistics
NIFMS003	NIMS Machining Level II - EDM - Plunge	No	Yes	No	Manufacturing
NIFMS004	NIMS Machining Level II - EDM - Wire	No	Yes	No	Manufacturing
NIFMS007	NIMS Machining Level II - Manual Milling Skills II	No	Yes	No	Manufacturing
NIFMS012	NIMS Machining Level II - Grinding Skills II	No	Yes	No	Manufacturing
NIFMS018	NIMS Machining Level II - Drill Press Skills II	No	Yes	No	Manufacturing
NIFMS020	NIMS Machining Level II - CNC Turning Skills II	No	Yes	No	Manufacturing
	NIMS Industrial Technology Maintenance Level 1 Bundle (9 Exams)				_
NIFMS021		No	Yes	No	Manufacturing
NJATC001	NJATC Electrical - Level 5	No	Yes	No	Architecture & Construction
NMTCB001		No	Yes	No	Health Science
	Computed Tomography (CT)	No	Yes	No	Health Science
NNCCO001		No	Yes	No	Health Science
NSTSA001	Certified Surgical Technologist (CST)	No	Yes	No	Health Science
NSTSA002	Certified Surgical First Assistant (CSFA)	No	Yes	No	Health Science
ORACL001	Oracle Certified Associate (OCA): Database	No	Yes	No	Information Technology
ORACL002	Oracle Certified Professional (OCP): Database	No	Yes	No	Information Technology
ORACL003	Oracle Certified Master (OCM): Database	No	Yes	No	Information Technology
ORACL006	Oracle Certified Master (OCM): Java Developer	No	Yes	No	Information Technology
PMMIN001	PMMI Mechatronics Certification: Fluid Power	No	Yes	No	Manufacturing
PMMIN002		No	Yes	No	Manufacturing
PMMIN003	•	No	Yes	No	Manufacturing
PMMIN004	·	No	Yes	No	Manufacturing
PRMIN005	PMI Agile Certified Practitioner	No	Yes	No	Manufacturing
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PROSO010	Certified Internet Web (CIW) Web Security Professional	No	Yes	No	Information Technology
PROSO019	Certified Internet Web (CIW) Perl Specialist	No	Yes	No	Information Technology
PROSO026	Certified Internet Web (CIW) Web Security Specialist	No	Yes	No	Information Technology
REDHT002	Red Hat Certified System Administrator (RHCSA) Certification	No	Yes	No	Information Technology
SMACA001	·	No	Yes	No	Manufacturing
SMACA002	·	No	Yes	No	Manufacturing
SMACA003	Industry 4.0 Electro-Fluid Power Systems Specialist	No	Yes	No	Manufacturing
SMACA004	Industry 4.0 Instrumentation Specialist	No	Yes	No	Manufacturing
SMACA005	Industry 4.0 Mechanical Systems Specialist	No	Yes	No	Manufacturing

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	Industry 4.0 Network Systems Specialist	No	Yes	No	Manufacturing
SMACA007	Industry 4.0 Operations Specialist	No	Yes	No	Manufacturing
SMACA008	Industry 4.0 Robotics Specialist	No	Yes	No	Manufacturing
SMFEN001	Lean Bronze Certification (LBC)	No	Yes	No	Manufacturing
SMRPR001	Certified Maintenance and Reliability Professional (CMRP)	No	Yes	No	Information Technology
SPACE001	Aerospace Technician	No	Yes	No	Manufacturing
TAFOM001	Certified in Production and Inventory Management (CPIM)	No	Yes	No	Transportation, Distribution & Logistics
USINS003	Advanced Unmanned Safety: Level 2	No	Yes	No	Transportation, Distribution & Logistics
USINS004	Advanced Unmanned System Operations (AUSO) Flight	No	Yes		Transportation, Distribution & Logistics
	, , , , , ,			No	
USINS005	Advanced Unmanned System Operations (AUSO) Ground	No	Yes	No	Transportation, Distribution & Logistics
VMWRE004	VMware Certified Professional - Data Center Virtualization	No	Yes	No	Information Technology
YAMAH001	Yamaha Marine Maintenance Certification: Inline	No	Yes	No	Transportation, Distribution & Logistics
YAMAH002	Yamaha Marine Maintenance Certification: Mid-Range	No	Yes	No	Transportation, Distribution & Logistics
YAMAH003	Yamaha Marine Maintenance Certification: Portable	No	Yes	No	Transportation, Distribution & Logistics
YAMAH004	Yamaha Marine Maintenance Certification: V-Engine	No	Yes	No	Transportation, Distribution & Logistics
ACFED006	Certified Fundamentals Cook	No	No	Yes	Hospitality & Tourism
ADESK002	Autodesk Certified User - AutoCAD	No	No	Yes	Architecture & Construction
ADESK008	Autodesk Certified User - Revit Architecture	No	No	Yes	Architecture & Construction
ADESK011	Autodesk Certified User - Inventor	No	No	Yes	Architecture & Construction
ADESK029	Autodesk Certified Professional - 3ds Max	No	No	Yes	Architecture & Construction
ADESK030	Autodesk Certified User - Maya	No	No	Yes	Information Technology
ADESK031	Autodesk Certified User - 3ds Max	No	No	Yes	Architecture & Construction
ADESK032	Autodesk Certified User - Fusion 360	No	No	Yes	Manufacturing
ADOBE023	Adobe Certified Professional in Video Design(Requires Premiere Pro and Af	No	No	Yes	Arts, A/V Technology & Communication
ADOBE024	Adobe Certified Professional in Visual Design(Requires Photoshop and Illus	No	No	Yes	Arts, A/V Technology & Communication
ADOBE025	Adobe Certified Professional in Web Design(Requires Dreamweaver and Ar	No	No	Yes	Arts, A/V Technology & Communication
	Certified Apprentice Drafter - Architectural	No	No	Yes	Architecture & Construction
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	Certified Apprentice Drafter - Mechanical	No	No	Yes	Architecture & Construction
AMEDT005	, , ,	No	No	Yes	Health Science
AMMSA001	Food Safety and Science Certification	No	No	Yes	Agriculture, Food & Natural Resources
AMSPT002	Certified Phlebotomy Technician	No	No	Yes	Health Science
APPLE021	Apple App Development with Swift Certification Level 1	No	No	Yes	Information Technology
CARCH002	Chief Architect Certified Apprentice	No	No	Yes	Architecture & Construction
CERHB001	Biotechnician Assistant	No	No	Yes	Manufacturing
COMPT018		No	No	Yes	Information Technology
CPREC001	Child Development Associate (CDA)	No	No	Yes	Education & Training
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DUCKS001	Ecology Conservation and Management Certification	No	No	Yes	Agriculture, Food & Natural Resources
ELANC001	Fundamentals of Animal Science Certification	No	No	Yes	Agriculture, Food & Natural Resources
ESRIC001	ArcGIS Desktop Entry	No	No	Yes	Information Technology
ETAIN006	Avionics Electronics Technician	No	No	Yes	Transportation, Distribution & Logistics
FEDAA011	FAA Private Pilot	No	No	Yes	Transportation, Distribution & Logistics
FEDAA013	FAA Ground School	No	No	Yes	Transportation, Distribution & Logistics
FEDAA015	FAA Ground Instructor - Basic	No	No	Yes	Transportation, Distribution & Logistics
FLADA001	Florida Automobile Dealers Association (FADA) Certified Technician	No	No	Yes	Transportation, Distribution & Logistics
FLAQA001	Aguaculture Technician	No	No	Yes	Agriculture, Food & Natural Resources
FLDEP003	Wastewater Treatment Plant Operator Level C	No	No	Yes	Agriculture, Food & Natural Resources
FLDEP006	Water Treatment Plant Operator Level C	No	No	Yes	Agriculture, Food & Natural Resources
FLDEP007	Water Treatment Plant Operator Level D	No	No	Yes	Agriculture, Food & Natural Resources
FLDEP008	Wastewater Treatment Plant Operator Level D	No	No	Yes	Agriculture, Food & Natural Resources
FLENG001	Engineering Core certification	No	No	Yes	Engineering and Technology Education
FLFBR001	Agritechnology Specialist Certification	No	No	Yes	Agriculture, Food & Natural Resources
FLFBR002	Agricultural Biotechnology Specialist Certification	No	No	Yes	Agriculture, Food & Natural Resources
FLFBR003	Agricultural Communications Specialist Certification	No	No	Yes	Agriculture, Food & Natural Resources
FLFBR004	Agricultural Mechanics Specialist Certification	No	No	Yes	Agriculture, Food & Natural Resources
FLFBR005	Animal Science Specialist Certification	No	No	Yes	Agriculture, Food & Natural Resources
FLFBR007	Agriculture Associate Certification	No	No	Yes	Agriculture, Food & Natural Resources
FLFBR008		No			Agriculture, Food & Natural Resources
	Forestry Specialist Certification		No	Yes	9 ,
FLFBR009	Agriculture Systems Associate Certification	No	No	Yes	Agriculture, Food & Natural Resources
FLFBR010	Natural Resources Specialist Certification	No	No	Yes	Agriculture, Food & Natural Resources
FLSFM005	Fire Fighter I	No	No	Yes	Law, Public Safety & Security
FLVMA002	Certified Veterinary Assistant (CVA)	No	No	Yes	Agriculture, Food & Natural Resources
FNGLA001	Certified Horticulture Professional	No	No	Yes	Agriculture, Food & Natural Resources
FNGLA003	Certified Landscape Maintenance Technician	No	No	Yes	Agriculture, Food & Natural Resources
FNGLA004	Certified Landscape Technician	No	No	Yes	Agriculture, Food & Natural Resources
GRBCI002	LEED Green Associate	No	No	Yes	Architecture & Construction
HBINS002	Pre-Apprenticeship Certificate Training (PACT), Building Construction Tech	No	No	Yes	Architecture & Construction
HBINS003	HBI Pre-Apprenticeship Certificate Training (PACT), Carpentry				
		No	No	Yes	Architecture & Construction
HBINS004	HBI Pre-Apprenticeship Certificate Training (PACT), Core	No	No	Yes	Architecture & Construction
HBINS005	HBI Pre-Apprenticeship Certificate Training (PACT), Core Green	No	No	Yes	Architecture & Construction
HBINS006	HBI Pre-Apprenticeship Certificate Training (PACT), Electrical	No	No	Yes	Architecture & Construction
ICOEC005	EC-Council Cyber Forensics Associate	No	No	Yes	Information Technology
ICOEC006	EC-Council Ethical Hacker Associate	No	No	Yes	Information Technology
INTUT001	Quickbooks Certified User	No	No	Yes	Business, Management & Administration
INTUT002	Entrepreneurship & Small Business	No	No	Yes	Marketing, Sales & Service
INTUT003	Master Entrepreneurship Certification	No	No	Yes	Marketing, Sales & Service
LINPI001	Linux Essentials 010	No	No	Yes	Information Technology
MICRO017	Microsoft Office Specialist: Microsoft Office 2016 Master Specialist (Requir	No	No	Yes	Information Technology
MICRO017	·			Yes	- '
IVIICTOU/U	Microsoft Technology Associate (MTA) - Database Administration Fundame	No	No	Tes	Information Technology

MICRO074	Microsoft Technology Associate (MTA) - Software Development Fundamen	No	No	Yes	Information Technology
MICRO076	Microsoft Technology Associate (MTA) - Windows OS Fundamentals	No	No	Yes	Information Technology
MICRO077	Microsoft Technology Associate (MTA) - Security Fundamentals	No	No	Yes	Information Technology
MICRO078	Microsoft Technology Associate (MTA) - Networking Fundamentals	No	No	Yes	Information Technology
MICRO080	Microsoft Technology Associate (MTA) - HTML5 Application Developer Fun	No	No	Yes	Information Technology
MICRO102	Microsoft Technology Associate (MTA) - Mobility and Devices Fundamenta	No	No	Yes	Information Technology
MICRO104	Microsoft Technology Associate (MTA) - Introduction to Programming Usin	No	No	Yes	Information Technology
MICRO105	Microsoft Technology Associate (MTA) - Introduction to Programming Usin	No	No	Yes	Information Technology
MICRO112	Microsoft Technology Associate (MTA) - Introduction to Programming Usin	No	No	Yes	Information Technology
MICRO114	Microsoft Technology Associate (MTA) - Introduction to Programming Usin	No	No	Yes	Information Technology
MICRO115	Microsoft Technology Associate (MTA) - Windows Server Administration Fu	No	No	Yes	Information Technology
MICRO123	Microsoft 365 Certified: Fundamentals	No	No	Yes	Information Technology
MICRO124	Microsoft Certified: Azure AI Fundamentals	No	No	Yes	Information Technology
MICRO125	Microsoft Certified: Azure Data Fundamentals	No	No	Yes	Information Technology
MICRO126	Microsoft Certified: Azure Fundamentals	No	No	Yes	Information Technology
MICRO128	Microsoft Certified: Power Platform Fundamentals	No	No	Yes	Information Technology
NATHA007	Certified Phlebotomy Technician (CPT)	No	No	Yes	Health Science
NCATT003	Aerospace / Aircraft Assembly (AAA)	No	No	Yes	Transportation, Distribution & Logistics
NCCER005	NCCER Carpentry - Level 1 (Secondary)	No	No	Yes	Architecture & Construction
NCCER008	NCCER Construction Technology (Secondary)	No	No	Yes	Architecture & Construction
NCCER010	NCCER Electrical - Level 1 (Secondary)	No	No	Yes	Architecture & Construction
NCCER018	NCCER HVAC - Level 1 (Secondary)	No	No	Yes	Architecture & Construction
NCCER025	NCCER Masonry - Level 1 (Secondary)	No	No	Yes	Architecture & Construction
NCCER026	NCCER Plumbing - Level 1 (Secondary)	No	No	Yes	Architecture & Construction
NCCER032	NCCER Carpentry - Level 2 (Secondary)	No	No	Yes	Architecture & Construction
NCCER033	NCCER Carpentry - Level 3 (Secondary)	No	No	Yes	Architecture & Construction
NCCER034	NCCER Carpentry - Level 4 (Secondary)	No	No	Yes	Architecture & Construction
NCCER034	NCCER Concrete Finishing - Level 1 (Secondary)	No	No	Yes	Architecture & Construction
NCCER038	NCCER Electrical - Level 2 (Secondary)		No		Architecture & Construction
NCCER039	**	No		Yes	
	NCCER Electrical - Level 3 (Secondary)	No	No	Yes	Architecture & Construction
NCCER040	NCCER Electrical - Level 4 (Secondary)	No	No	Yes	Architecture & Construction
NCCER044	NCCER Masonry - Level 2 (Secondary)	No	No	Yes	Architecture & Construction
NCCER045	NCCER Masonry - Level 3 (Secondary)	No	No	Yes	Architecture & Construction
NCCER061	NCCER Welding- Level 1	No	No	Yes	Manufacturing
NCCER062	NCCER Welding - Level 2 (Secondary)	No	No	Yes	Manufacturing
NCCER069	NCCER Plumbing - Level 2 (Secondary)	No	No	Yes	Architecture & Construction
NCCER070	NCCER Plumbing - Level 3 (Secondary)	No	No	Yes	Architecture & Construction
NCCER071	NCCER Plumbing - Level 4 (Secondary)	No	No	Yes	Architecture & Construction
NCCER081	NCCER HVAC - Level 2 (Secondary)	No	No	Yes	Architecture & Construction
NCCER082	NCCER HVAC - Level 3 (Secondary)	No	No	Yes	Architecture & Construction
NCCER083	NCCER HVAC - Level 4 (Secondary)	No	No	Yes	Architecture & Construction
NCCER084	NCCER Industrial Maintenance Mechanic - Level 1 (Secondary)	No	No	Yes	Manufacturing
NCCER085	NCCER Industrial Maintenance Mechanic - Level 2 (Secondary)	No	No	Yes	Manufacturing
NCCER086	NCCER Industrial Maintenance Mechanic - Level 3 (Secondary)	No	No	Yes	Manufacturing
NCFCT003	National Certified Phlebotomy Technician	No	No	Yes	Health Science
NIASE076	ASE Auto Maintenance and Light Repair (G1)	No	No	Yes	Transportation, Distribution & Logistics
NIASE077	ASE Entry-level - Auto: Automatic Transmission/Transaxle (AT)	No	No	Yes	Transportation, Distribution & Logistics
NIASE078	ASE Entry-level - Auto: Automobile Service Technology (AS)	No	No	Yes	Transportation, Distribution & Logistics
NIASE079	ASE Entry-level - Auto: Brakes (BR)	No	No	Yes	Transportation, Distribution & Logistics
NIASE080	ASE Entry-level - Auto: Electrical/Electronic Systems (EE)	No	No	Yes	Transportation, Distribution & Logistics
NIASE081	ASE Entry-level - Auto: Electricaly Electronic Systems (EE)	No	No	Yes	Transportation, Distribution & Logistics
NIASE082	ASE Entry-level - Auto: Engine Repair (ER)	No	No	Yes	Transportation, Distribution & Logistics
NIASE083	ASE Entry-level - Auto: Heating and Air Conditioning (AC)	No	No	Yes	Transportation, Distribution & Logistics
NIASE084	ASE Entry-level - Auto: Manual Drive Train and Axles (MD)	No	No	Yes	Transportation, Distribution & Logistics
NIASE085	ASE Entry-level - Auto: Suspension and Steering (SS)	No	No	Yes	Transportation, Distribution & Logistics
NIASE086	ASE Entry-level - Collision: Mechanical and Electrical (ME)	No	No	Yes	Transportation, Distribution & Logistics
NIASE087	ASE Entry-level - Collision: Non-structural Analysis and Damage Repair (NS)	No	No	Yes	Transportation, Distribution & Logistics
NIASE088	ASE Entry-level - Collision: Painting and Refinishing (PR)	No	No	Yes	Transportation, Distribution & Logistics
NIASE089	ASE Entry-level - Collision: Structural Analysis and Damage Repair (SR)	No	No	Yes	Transportation, Distribution & Logistics
NIASE090	ASE Entry-level - Truck: Brakes (TB)	No	No	Yes	Transportation, Distribution & Logistics
NIASE091	ASE Entry-level - Truck: Diesel Engines (DE)	No	No	Yes	Transportation, Distribution & Logistics
NIASE092	ASE Entry-level - Truck: Electrical/Electronic Systems (TE)	No	No	Yes	Transportation, Distribution & Logistics
NIASE093	ASE Entry-level - Truck: Steering & Suspension (TS)	No	No	Yes	Transportation, Distribution & Logistics
NIASE094	ASE Entry-level - Truck: Inspection, Maintenance, and Minor Repair (IM)	No	No	Yes	Transportation, Distribution & Logistics
NIFMS001	NIMS Machining Level I - CNC Milling: Programming Setup & Operations	No	No	Yes	Manufacturing
NIFMS002	NIMS Machining Level I - CNC Turning: Programming Setup & Operations	No	No	Yes	Manufacturing
NIFMS008	NIMS Machining Level I - Turning Operations: Turning Between Centers	No	No	Yes	Manufacturing
NIFMS010	NIMS Machining Level I - Turning Operations: Turning Chucking Skills	No	No	Yes	Manufacturing
NIFMS013	NIMS Machining Level I - Drill Press Skills I	No	No	Yes	Manufacturing
NIFMS013	NIMS Machining Level I - CNC Milling: Operations	No	No	Yes	Manufacturing
NIFMS014					Manufacturing
	NIMS Machining Level I - Grinding Skills I	No No	No No	Yes	-
NIFMS017	NIMS Machining Level I - Manual Milling Skills I	No	No No	Yes	Manufacturing
NRAEF003	Certified Food Protection Manager (ServSafe®)	No	No	Yes	Hospitality & Tourism
NRFSP001	Certified Food Safety Manager	No	No	Yes	Hospitality & Tourism
NRFSP002	HACCP Certification	No	No	Yes	Hospitality & Tourism
OEDGP001	PCAP – Certified Associate in Python Programming	No	No	Yes	Information Technology
PRMIN004	PMI Project Management Ready	No	No	Yes	Business, Management & Administration
PROSO024	Certified Internet Web (CIW) Web Foundations Associate	No	No	Yes	Information Technology

PROSO025	Certified Internet Web (CIW) Web Security Associate	No	No	Yes	Information Technology
PROSO031	Certified Internet Web (CIW) Social Media Strategist	No	No	Yes	Information Technology
PROSO032	Certified Internet Web (CIW) User Interface Designer	No	No	Yes	Information Technology
RECFN001	RECF Pre-Engineering Certification	No	No	Yes	Engineering and Technology Education
RECFN002	RECF Robotics Certification	No	No	Yes	Engineering and Technology Education
SALES001	Salesforce Certified Administrator	No	No	Yes	Marketing, Sales & Service
SOCTE004	Broadband Premises Installer (BPI)	No	No	Yes	Arts, A/V Technology & Communication
SOLID003	Certified Solidworks Associate-Academic (CSWA-Academic)	No	No	Yes	Engineering and Technology Education
TAFLP001	Accredited Legal Professional (ALP)	No	No	Yes	Business, Management & Administration
TBOOM001	Toon Boom Certified Associate (Harmony Premium)	No	No	Yes	Arts, A/V Technology & Communication
	Toon Boom Certified Associate (Storyboard Pro)	No	No	Yes	Arts, A/V Technology & Communication
TBOOM004		No	No	Yes	Arts, A/V Technology & Communication
UNITY001	Unity Certified Associate	No	No	Yes	Information Technology
UNITY002	Unity Certified User: Programmer	No	No	Yes	Information Technology
UNITY003	Unity Certified User: Artist	No	No	Yes	Information Technology
UNITY004	Unity Certified User: VR Developer	No	No	Yes	Information Technology
USINS001	Small UAS (sUAS) Safety Certification: Level 1	No	No	Yes	Transportation, Distribution & Logistics
USINS002	Visual Line of Sight System Operator (VSO) Ground	No	No	Yes	Transportation, Distribution & Logistics
CERTI802	IC3 Spark	Yes	No	Yes	Not applicable
CERTI803	IC3 - Computing Fundamentals	Yes	No	Yes	Not applicable
CERTI804	IC3 - Key Applications	Yes	No	Yes	Not applicable
CERTI805	IC3 - Living Online	Yes	No	Yes	Not applicable
CERTI806	IC3 Digital Literacy Level 1	Yes	No	Yes	Not applicable
CERTI807	IC3 Digital Literacy Level 2	Yes	No	Yes	Not applicable
CERTI808	IC3 Digital Literacy Level 3	Yes	No	Yes	Not applicable
DIGIT802	Rapid Prototyping & 3D Design Beginner	Yes	No	Yes	Not applicable
DIGIT803	GIS Essentials Certification	Yes	No	Yes	Not applicable
FABLE801	Animation-ish	Yes	No	Yes	Not applicable
FABLE802	FabMaker Studio Certification	Yes	No	Yes	Not applicable
ISOGR801	TOSA®DigComp	Yes	No	Yes	Not applicable
ISOGR802	TOSA® CyberCitizen	Yes	No	Yes	Not applicable
ISOGR803	TOSA® Google Docs	Yes	No	Yes	Not applicable
ISOGR804	TOSA® Google Sheets	Yes	No	Yes	Not applicable
ISOGR805	TOSA® Google Slides	Yes	No	Yes	Not applicable
KNOWL801	Python Coding Apprentice (PCA)	Yes	No	Yes	Not applicable
MICRO801	Microsoft Office Specialist: Microsoft Office Excel	Yes	No	Yes	Not applicable
MICRO801	Microsoft Office Specialist: Microsoft Office Word	Yes	No	Yes	Not applicable
MICRO802	•	Yes	No	Yes	• •
	Microsoft Office Specialist: Microsoft Office PowerPoint				Not applicable
PRODL801 PROSO801	Coding in Minecraft	Yes	No No	Yes	Not applicable
PROSO801	ICT – Database Essentials	Yes Yes	No	Yes Yes	Not applicable
PROSO802	ICT – Gaming Essentials	Yes	No		Not applicable
	ICT – Multimedia Essentials			Yes	Not applicable
PROSO804	ICT – Programming & Logic Essentials	Yes	No	Yes	Not applicable
PROSO805	ICT – Web Design Essentials	Yes	No	Yes	Not applicable
PROSO806	ICT - Communications Essentials	Yes	No	Yes	Not applicable
PROSO807	ICT - Computing Essentials	Yes	No	Yes	Not applicable
PROSO808	ICT - Cybersecurity Essentials	Yes	No	Yes	Not applicable
PROSO809	ICT - Spreadsheet Essentials	Yes	No	Yes	Not applicable
PROSO810	ICT - Word Processing Essentials	Yes	No	Yes	Not applicable
PROSO811	ICT - Fundamentals	Yes	No	Yes	Not applicable
PROSO812	ICT Digital Citizenship and Ethics	Yes	No	Yes	Not applicable