

FY2021 Technical Skill Attainment Inventory Cluster Pathways

Agriculture, Food and Natural Resources End of Pathway Assessment (EOPA) Exam Title: Career Pathway Name: • Agricultural Communication & Leadership (Precision) Agribusiness Systems Agriculture Energy Systems Natural Resource Science II (Precision) • Agriculture Leadership in Animal Production Agricultural Science I (Precision) Agricultural Business & Management (Precision) • Agriculture Leadership in Aquaculture • Agricultural Science I (Precision) Agricultural Communication & Leadership (Precision) Agriculture Leadership in Food Product Processing Agricultural Science I (Precision) • Agriculture Leadership in Forestry • Agriculture Leadership in Horticulture • Agricultural Science I Precision) Agricultural Science I (Precision) Agriculture Leadership in Plant Science Agricultural Systems Technology II (Precision) • Agriculture Mechanics and Electrical Systems Agricultural Systems Technology I (Precision) • Agriculture Mechanics and Metal Fabrication Agriculture Mechanics Systems Agricultural Systems Technology II (Precision) Agricultural Mechanics (NOCTI) Agricultural Science II (Precision) Agriscience Systems Animal and Horticulture Systems Agricultural Science II (Precision) Agriculture Science I (Precision) **Animal Mechanical Systems** Animal Science I (Precision) Animal Production and Processing Companion Animal Systems Animal Science II (Precision) Natural Resource Science II (Precision) Environmental Agriculture Systems Animal Science II (Precision) • Equine Science Animal Science II (Precision) Food Animal Systems

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 Food Products and Processing Systems 	Agricultural Science I (Precision)
Forest Mechanical Systems	Agricultural Science I (Precision)
Forest/Renewable Energy	Natural Resources Science II (Precision)
Forestry and Animal Science Systems	Agricultural Science I (Precision)
Forestry Management Systems	Natural Resource Science II (Precision)
Forestry/Natural Resources Management	Natural Resource Science I (Precision)
	 Forest Products and Processing (NOCTI)
Forestry/Wildlife Systems	Natural Resource Science II (Precision)
	Forest Products and Processing (NOCTI)
Horticulture and Forest Science	Agricultural Science I (Precision)
Horticulture Mechanical Systems	Agricultural Science I (Precision)
Landscape Management Systems	Landscape Management (Precision)
Plant and Floral Design Systems	Floriculture and Greenhouse Management (Precision)
Plant and Floriculture Systems	Floriculture and Greenhouse Management A (Precision)
	Plant Science/Horticulture Assessment-State Developed
	(dispensed by NOCTI)
Plant and Landscape Systems	Landscape Management (Precision)
	Plant Science/Horticulture Assessment-State Developed
	(dispensed by NOCTI)
Plant and Mechanical Systems	Agricultural Science I (Precision)
Veterinary Science	Veterinary Assistant (Precision)
Architecture an	nd Construction
Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
Architectural Drawing and Design	Certified Apprentice Drafter – Architectural (ADDA)
7 Transcocurat Brawning and Besign	Autodesk Revit Architecture Certified User Exam
	Architectural Drafting (NOCTI)
	Architectural Drafting (Skill Connect)
Carpentry	Carpentry (NOCTI)
' '	Carpentry (Skill Connect)
	Carpentry Level 1 Certification (NCCER)
Electrical	Electrical Construction Wiring (Skill Connect)
	Electrical Level 1 Certification (NCCER)
Fine Furniture/Cabinetmaking	Cabinetmaking (NOCTI)
	Cabinetmaking (Skill Connect)

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 Heating, Ventilation, Air Conditioning and Refrigeration (HVACR) 	 Heating, Electrical, Air Conditioning Technology (H.E.A.T.) (HVAC Excellence) HVACR Level 1 Certification (NCCER)
	Section 608 Certification (EPA)
Heating, Ventilation, Air Conditioning and Refrigeration (HVACR) - Electrical	Heating, Electrical, Air Conditioning Technology (H.E.A.T.) (HVAC <i>Excellence</i>)
M. Living and M.	HVACR Level 1 Certification (NCCER)
Machining Operations	CNC Milling & Turning (Skill Connect)
	Machining Skills Certification Level 1 (NIMS)
Masonry	Masonry (Skills Connect)
	Masonry Level 1 Certification (NCCER)
Plumbing	Plumbing (Skill Connect)
	Plumbing Level 1 Certification (NCCER)
Sheet Metal	Sheet Metal Level 1 Certification (NCCER)
Welding	AWS SENSE Entry Level Welder (Level 1)
	Welding (NOCTI)
	Welding (Skills Connect)
	Welding Level 1 Certification (NCCER)
Arts, A/V Technology and Communications	
Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
Audio Video Technology and Film	Adobe Certified Associate (ACA): Adobe Premiere Pro
	Television Production (NOCTI)
	Television Video Production (Skill Connect)
Audio Video Technology and Film II	Adobe Certified Associate (ACA): Adobe Premiere Pro
	Television Production (NOCTI)
	Television Video Production (Skill Connect)
Graphic Communications	Adobe Certified Associate (ACA): Adobe InDesign
	Adobe Certified Associate (ACA): Adobe Illustrator
	Adobe Certified Associate (ACA): Adobe Photoshop
	Digital File Preparation (PrintED/Skill Connect)
	Introduction to Graphic Communications (formerly Graphic
	Communications) (Skill Connect)
	Graphic Production Technology (NOCTI)
	Offset Press Operations (PrintED/Skill Connect)
	Visual Communications & Multimedia Design (NOCTI)
Graphic Design	 Visual Communications & Multimedia Design (NOCTI) Adobe Certified Associate (ACA): Adobe InDesign

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	Adobe Certified Associate (ACA): Adobe Photoshop
	Graphic Design (formerly Advertising Design) (Skill Connect)
	 Visual Communications & Multimedia Design (NOCTI)
	-
Ducinasa Managaman	ot and Administration
Business Managemen	Г
Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
Business and Technology	Microsoft Office Specialist (MOS) 2019
	Microsoft Office Specialist (MOS) 2016
	Microsoft Office Specialist (MOS) 2013
Entrepreneurship	Entrepreneur (OK CareerTech Testing)
	General Management (NOCTI)
Human Resources Management	Human Resources Management (NOCTI)
THE THE TAX TO SEE TH	Training (Training)
	and Tax to to a
Education a	na iraining
Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
Early Childhood Care and Education	Child Development Associate (CDA) – Preschool (CDA)
,	Council)
	Early Care & Education: Entry Level Child Care Training
	(ELCCT) (OK CareerTech Testing)
	Early Childhood Education and Care – Basic (NOCTI)
Early Childhood Care and Education/Practicum	Child Development Associate (CDA) – Preschool (CDA)
	Council)
	Early Care & Education: Entry Level Child Care Training
	(ELCCT) (OK CareerTech Testing)
	Early Childhood Education and Care – Basic (NOCTI)
Teaching as a Profession	Teaching as a Profession (NOCTI) State Developed
• reacting as a Profession	Teaching as a Profession (NOC11) State Developed
_	
Energy Energy	
Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
Energy and Power: Generation, Transmission and Distribution	Energy Industry Fundamentals Certification (CEWD)
5, 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Engineering Assessment – State Developed (NOCTI)
	Engineering Technology (Skill Connect)
Energy Systems	Engineering Assessment – State Developed (NOCTI)
- Linerary Systems	Engineering Technology (Skill Connect)
	- Engineering reciniousy (Skiii Connect)

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Finance Control of the Control of th		
Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:	
Advanced Accounting	Accounting-Advanced (NOCTI)QuickBooks Certification (Certiport)	
Business Accounting	Accounting-Basic (NOCTI)Business Financial Management (NOCTI)	
Financial Services	Financial & Investment Planning (NOCTI)w!se Financial Literacy Certification	
Health Science		
Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:	
Biotechnology Research and Development	Biotechnology (NOCTI)Biotechnology (Precision)	
Diagnostics/Clinical Lab	Laboratory Assistant (OK CareerTech Testing)National Health Science Assessment (NCHSE)	
Diagnostics/Non-Invasive Technology in Healthcare	 EKG Technician Certification (CET) (NHA) National Certified ECG Technician (NCET) (NCCT) National Health Science Assessment (NCHSE) 	
Diagnostics/Phlebotomy	 Certified Phlebotomy Technician (CPT) (NHA) National Certified Phlebotomy Technician (NCPT) (NCCT) National Health Science Assessment (NCHSE) 	
Health Informatics/Health Information Management – Medical Office	 Certified Healthcare Hospitality Specialist (CHHS) (HTHU) Certified Medical Administrative Assistant (CMAA) (NHA) Health Informatics (NOCTI) Administrative Medical Assistant (OK CareerTech Testing) National Certified Medical Office Assistant (NCMOA) (NCCT) National Health Science Assessment (NCHSE) 	
Health Informatics/Health Information Technology	 Certified Telehealth Coordinator (CTC) (SE Telehealth) Certified Telemedicine Clinical Presenter (CTCP) (SE Telehealth) Certified Telehealth Liaison (CTL) (SE Telehealth) 	
Support Services	National Health Science Assessment (NCHSE)	
Therapeutic Services/Allied Health and Medicine	 Certified Clinical Medical Assistant (CCMA) (NHA) Certified Medical Administrative Assistant (CMAA) (NHA) Certified Phlebotomy Technician (CPT) (NHA) EKG Technician Certification (CET) (NHA) 	

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Therapeutic Services/Dental Science	 Emergency Management Institute "Community Preparedness" Certification (FEMA) National Certified ECG Technician (NCET) (NCCT) National Certified Medical Office Assistant (NCMOA) (NCCT) National Certified Patient Care Technician (NCPCT) (NCCT) National Certified Phlebotomy Technician (NCPT) (NCCT) National Health Science Assessment (NCHSE) Pharmacy Technician Certification (CPhT) (NHA) Dental Assisting (NOCTI) Dental Assisting (OK CareerTech Testing)
	 Dental Assisting (OK Career Fech Festing) Dental Assisting I (Precision) Dental Assisting II (Precision) National Health Science Assessment (NCHSE)
Therapeutic Services/Emergency Medical Responder	 Emergency Management Institute "Community Preparedness" Certification (FEMA) Emergency Medical Responder (EMR) (NREMT) National Health Science Assessment (NCHSE)
Therapeutic Services/Exercise Physiology	 Exercise Science/Sports Medicine (Precision) Certified Personal Trainer (CPT) (NASM) National Health Science Assessment (NCHSE)
Therapeutic Services/Patient Care	 Certified Nursing Aide (CNA) Certified Patient Care Technician (CPCT) (NHA) National Certified Patient Care Technician (NCPCT) (NCCT) National Health Science Assessment (NCHSE)
Therapeutic Services/Pharmacy	 Pharmacy Technician (OK CareerTech Testing) Pharmacy Technician Certification (CPhT) (NHA) National Health Science Assessment (NCHSE)
Therapeutic Services/Public Health	National Health Science Assessment (NCHSE)
Therapeutic Services/Public Safety Communications	 Emergency Management Institute "Community Preparedness" Certification (FEMA) National Health Science Assessment (NCHSE)
Therapeutic Services/Sports Medicine	 Athletic Training Student Aide (OK CareerTech Testing) Exercise Science/Sports Medicine (Precision) National Health Science Assessment (NCHSE)
Therapeutic Services/Surgical Technology	 Surgical Technology (OK CareerTech Testing) Tech in Surgery-Certified (TS-C) (NCCT) National Health Science Assessment (NCHSE)

Hospitality and Tourism	
Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
Culinary Arts	 Basic Culinary Arts (OK CareerTech Testing) Certified Fundamentals Cook (CFC) (Formerly Certified Junior Culinarian – CJC) (ACF) Culinary Arts Cook NOCTI – ACF (Formerly Culinary Arts Cook Level 2 - NOCTI) National ProStart Certification Secondary Culinary Graduate Certificate (ACF)
Hospitality, Recreation and Tourism	 Hospitality Management & Lodging (NOCTI) Lodging (NOCTI) Travel & Tourism (NOCTI)
Sports and Entertainment Marketing	 Fundamental Marketing Concepts (ASK) Marketing Education Manager Trainee (OK CareerTech Testing) Standard Marketing POS/End of Program HS: (3 credits) (MBA Research)
Human .	<i>Services</i>
Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
Food and Nutrition	 Food Science Fundamentals Pre-Professional (AAFCS) Nutrition, Food, and Wellness Pre-Professional (AAFCS) ServSafe Food Safety Handler Certification ServSafe Food Safety Manager Certification
Interior, Fashion and Textiles	 Fashion Strategies (Precision) Interior Decorating & Design (NOCTI) Interior Design Fundamentals Pre-Professional (AAFCS)
Personal Care Services – Cosmetology	 Cosmetology (NOCTI) Cosmetology (Skill Connect) Licensed Master Cosmetologist (Georgia State Board of Cosmetology)
Personal Care Services - Nails	Nail Care (Skill Connect)
Information Technology	
Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
Computer Science	Computer Programming (NOCTI)

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 Cybersecurity Game Design Health Information Technology 	 Java Certified Associate (Oracle) Microsoft Technology Associate (MTA): Software Development Fundamentals Security+ Certification (CompTIA) Autodesk Maya Certified User Unity Certified Associate (formerly Unity Certified Developer) Certified Telehealth Coordinator (CTC) (SE Telehealth) Certified Telemedicine Clinical Presenter (CTCP) (SE Telehealth)
Information Support and Services	 Certified Telehealth Liaison (CTL) (SE Telehealth) Computer Repair & Support Technician (OK CareerTech Testing) Information Support and Services (NOCTI) Microsoft Technology Associate (MTA): Security Fundamentals
Internet of Things	Instaivy Certified IoT Professional (Replaces the Axelta Certified IoT Professional Exam)
Networking	 Computer Networking Technician Microsoft Technology Associate (MTA): Networking Fundamentals Network Systems (NOCTI)
 Programming 	 Microsoft Technology Associate (MTA): HTML5 Application Developer Fundamentals Microsoft Technology Associate (MTA): Software Development Fundamentals Java Certified Associate (Oracle)
Web and Digital Design	 Adobe Certified Associate (ACA): Dreamweaver CIW Site Development Associate CIW Web Design Specialist Microsoft Technology Associate (MTA): HTML5 Application Developer Fundamentals W3Schools HTML Certification W3Schools HTML5 Certification
Web Development	CIW Site Development Associate CIW Web Design Specialist
l aw. Puhli	c Safety, Corrections and Security
Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:

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(LPSSC)	n) r, Security and Corrections Core
 Fire and Emergency Services/Emergency Medical Responder Emergency Management In Certification (FEMA) Emergency Medical Respon 	nstitute "Community Preparedness" ander (EMR) (NREMT)
 Fire and Emergency Services/Firefighting Emergency and Fire Manag 	
 Fire and Emergency Services/Public Safety Communications Emergency Management In Certification (FEMA) 	nstitute "Community Preparedness"
 Law Enforcement Services/Criminal Investigations Criminal Justice (NOCTI) Criminal Justice/CSI (Skills of Law Enforcement (Precision) 	
 Law Enforcement Services/Forensic Science Criminal Justice (NOCTI) Criminal Justice/CSI (Skills) Law Enforcement (Precision National Law, Public Safety, (LPSSC) 	
 Law Enforcement Services/Public Safety Communications Emergency Management In Certification (FEMA) 	nstitute "Community Preparedness"
Legal Services/Legal Administrative Services Legal Office Assistant (OK Company)	CareerTech Testing)
 Security and Protective Services Criminal Justice (NOCTI) Criminal Justice/CSI (Skills) National Law, Public Safety, (LPSSC) 	Connect) r, Security and Corrections Core
Manufacturing	
Career Pathway Name: End of Pathway Assessment	(EOPA) Exam Title:
	Technology (AMT) (Skill Connect) n (Precision) (NOCTI)
Mechatronics Mechatronics (Skill Connect	t)

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	Mechatronics-Level 1 (NOCTI)	
Marketing Marketing		
Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:	
Fashion, Merchandising and Retail Management	 Fundamental Marketing Concepts (ASK Institute) Marketing Education Manager Trainee (OK CareerTech Testing) Retail Merchandising (NOCTI) Standard Marketing POS/End of Program HS: (3 credits) (MBA Research) 	
Marketing and Management	 Fundamental Marketing Concepts (ASK Institute) Marketing Education Manager Trainee (OK CareerTech Testing) Standard Marketing POS/End of Program HS: (3 credits) (MBA Research) 	
Marketing Communications and Promotions	 Fundamental Marketing Concepts (ASK Institute) Marketing Education Manager Trainee (OK CareerTech Testing) Standard Marketing POS/End of Program HS: (3 credits) (MBA Research) 	
Science, Technology,	Engineering and Mathematics	
Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:	
• Electronics	 Electronics Applications/Electronics Technology (Skill Connect) Electronics Technology (NOCTI) 	
Engineering and Technology	Engineering (State Developed) (NOCTI)Engineering Technology (Skill Connect)	
Engineering Drafting and Design	 Autodesk AutoCAD Certified User Exam Autodesk Inventor Certified User Certified Apprentice Drafter – Mechanical (ADDA) Certified Drafter – Mechanical (ADDA) Certified SolidWorks Associate (CSWA) Technical Drafting (NOCTI) Technical Drafting (Skills Connect) 	
Transportation, L	Distribution and Logistics	

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Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
Automobile Maintenance and Light Repair	ASE Student Certification Exams:
Automobile Service Technology	ASE Student Certification Exams:
Collision Repair: Non-Structural Analysis and Damage Repair	ASE Student Certification Exams:
Collision Repair: Painting and Refinishing	ASE Student Certification Exams: Structural Analysis and Damage Repair Non-Structural Analysis and Damage Repair Mechanical and Electrical Components Painting and Refinishing NOTE: A student may take one or all four of the above exams.
Distribution & Logistics	 Certified Logistics Associate (CLA) (MSSC) Certified Logistics Technician (CLT) (MSSC)

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Flight Operations	Private Pilot Airplane-Written Exam Only (FAA)	
Marine Engine Technology	Marine Service Technology (Skill Connect)	
Master Automobile Service Technology	ASE Student Certification Exams:	
	 Suspension and Steering 	
	o <i>Brakes</i>	
	 Electrical/Electronic Systems 	
	 Engine Performance 	
	o <i>Engine Repair</i>	
	 Automatic Transmission/Transaxle 	
	 Manual Drive Train and Axles 	
	 Heating and Air Conditioning 	
	 Maintenance and Light Repair 	
	 Automobile Service Technology 	
	NOTE : A student may take one or all nine of the above exams	