



Dr. John D. Barge, State School Superintendent
"Making Education Work for All Georgians"

FY2015 Technical Skill Attainment Inventory

Cluster Pathways (2014-Present)

Agriculture, Food and Natural Resources

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

• Food Animal Systems	• Animal Science II (Precision)
• 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 and Construction

Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
• Architectural Drawing and Design	• Certified Apprentice Drafter – Architectural (ADDA) • Autodesk Revit Architecture Certified User Exam • Architectural Drafting (NOCTI) • Architectural Drafting (Skill Connect)
• Carpentry	• Carpentry (Skill Connect) • Carpentry Level 1 Certification (NCCER)
• Electrical	• Electrical Construction Wiring (Skill Connect) • Electrical Level 1 Certification (NCCER)

<ul style="list-style-type: none"> Fine Furniture/Cabinetmaking 	<ul style="list-style-type: none"> Cabinetmaking (Skill Connect)
<ul style="list-style-type: none"> Heating, Ventilation, Air Conditioning and Refrigeration (HVACR) 	<ul style="list-style-type: none"> Heating, Electrical, Air Conditioning Technology (H.E.A.T.) (HVAC <i>Excellence</i>) HVACR Level 1 Certification (NCCER) Section 608 Certification (EPA)
<ul style="list-style-type: none"> Heating, Ventilation, Air Conditioning and Refrigeration (HVACR) - Electrical 	<ul style="list-style-type: none"> Heating, Electrical, Air Conditioning Technology (H.E.A.T.) (HVAC <i>Excellence</i>) HVACR Level 1 Certification (NCCER)
<ul style="list-style-type: none"> Machining Operations 	<ul style="list-style-type: none"> CNC Milling & Turning (Skill Connect) Machining Skills Certification Level 1 (NIMS)
<ul style="list-style-type: none"> Masonry 	<ul style="list-style-type: none"> Masonry (Skills Connect) Masonry Level 1 Certification (NCCER)
<ul style="list-style-type: none"> Plumbing 	<ul style="list-style-type: none"> Plumbing (Skill Connect) Plumbing Level 1 Certification (NCCER)
<ul style="list-style-type: none"> Sheet Metal 	<ul style="list-style-type: none"> Sheet Metal Level 1 Certification (NCCER)
<ul style="list-style-type: none"> Welding 	<ul style="list-style-type: none"> Welding (Skills Connect) Welding Level 1 Certification (NCCER)

Arts, A/V Technology and Communications

Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
<ul style="list-style-type: none"> Audio Video Technology and Film 	<ul style="list-style-type: none"> Adobe Certified Associate (ACA): Adobe Premiere Pro Television Production (NOCTI) Television Video Production (Skill Connect)
<ul style="list-style-type: none"> Graphic Communications 	<ul style="list-style-type: none"> Adobe Certified Associate (ACA): Adobe InDesign Adobe Certified Associate (ACA): Adobe Illustrator Adobe Certified Associate (ACA): Adobe Photoshop Digital File Preparation (PrintED/Skill Connect) Graphic Communications (Skill Connect) Graphic Production Technology (NOCTI) Offset Press Operations (PrintED/Skill Connect)
<ul style="list-style-type: none"> Graphic Design 	<ul style="list-style-type: none"> Adobe Certified Associate (ACA): Adobe InDesign Adobe Certified Associate (ACA): Adobe Illustrator Adobe Certified Associate (ACA): Adobe Photoshop Advertising Design (Skill Connect)

Business Management and Administration

Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
<ul style="list-style-type: none"> • Business and Technology 	<ul style="list-style-type: none"> • Microsoft Office Specialist (MOS) 2010 • Microsoft Office Specialist (MOS) 2013 • Microsoft Office Specialist (MOS) 2007
<ul style="list-style-type: none"> • Entrepreneurship 	<ul style="list-style-type: none"> • Entrepreneur (OK CareerTech Testing) • General Management (NOCTI)
<ul style="list-style-type: none"> • Human Resources Management 	<ul style="list-style-type: none"> • Human Resources Management (NOCTI)

Education and Training

Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
<ul style="list-style-type: none"> • Early Childhood Care and Education 	<ul style="list-style-type: none"> • 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)
<ul style="list-style-type: none"> • Early Childhood Care and Education/Practicum 	<ul style="list-style-type: none"> • 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)
<ul style="list-style-type: none"> • Teaching as a Profession 	<ul style="list-style-type: none"> • Teaching as a Profession (NOCTI) State Developed

Energy

Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
<ul style="list-style-type: none"> • Energy and Power: Generation, Transmission and Distribution 	<ul style="list-style-type: none"> • Energy Industry Fundamentals Certification (CEWD) • Engineering Assessment – State Developed (NOCTI) • Engineering Technology (Skill Connect)

<ul style="list-style-type: none"> Energy Systems 	<ul style="list-style-type: none"> Engineering Assessment – State Developed (NOCTI) Engineering Technology (Skill Connect)
<i>Finance</i>	
Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
<ul style="list-style-type: none"> Advanced Accounting 	<ul style="list-style-type: none"> Accounting-Advanced (NOCTI) QuickBooks Certification (Certiport)
<ul style="list-style-type: none"> Business Accounting 	<ul style="list-style-type: none"> Accounting-Basic (NOCTI) Business Financial Management (NOCTI)
<ul style="list-style-type: none"> Financial Services 	<ul style="list-style-type: none"> Financial & Investment Planning (NOCTI) wise Financial Literacy Certification
<i>Health Science</i>	
Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
<ul style="list-style-type: none"> Biotechnology Research and Development 	<ul style="list-style-type: none"> Biotechnology (Precision)
<ul style="list-style-type: none"> Diagnostics/Clinical Lab 	<ul style="list-style-type: none"> Laboratory Assistant (OK CareerTech Testing) National Health Science Assessment (NCHSE)
<ul style="list-style-type: none"> Diagnostics/Non-Invasive Technology in Healthcare 	<ul style="list-style-type: none"> EKG Technician Certification (CET) (NHA) National Certified ECG Technician (NCET) (NCCT) National Health Science Assessment (NCHSE)
<ul style="list-style-type: none"> Diagnostics/Phlebotomy 	<ul style="list-style-type: none"> National Certified Phlebotomy Technician (NCPT) (NCCT) National Health Science Assessment (NCHSE)
<ul style="list-style-type: none"> Health Informatics/Health Information Management – Medical Office 	<ul style="list-style-type: none"> Certified Medical Administrative Assistant (CMAA) (NHA) Health Informatics (NOCTI) Administrative Medical Assistant (formerly Medical Assisting-Administrative) (OK CareerTech Testing) National Health Science Assessment (NCHSE)
<ul style="list-style-type: none"> Health Informatics/Health Information Technology 	<ul style="list-style-type: none"> Certified Telehealth Coordinator (CTC) (SE Telehealth) Certified Telemedicine Clinical Presenter (CTCP) (SE Telehealth) Certified Telehealth Liaison (CTL) (SE Telehealth)

<ul style="list-style-type: none"> • Support Services 	<ul style="list-style-type: none"> • National Health Science Assessment (NCHSE)
<ul style="list-style-type: none"> • Therapeutic Services/Allied Health and Medicine 	<ul style="list-style-type: none"> • Certified Medical Administrative Assistant (CMAA) (NHA) • EKG Technician Certification (CET) (NHA) • National Certified ECG Technician (NCET) (NCCT) • National Certified Medical Office Assistant (NCMOA) (NNCT) • National Certified Patient Care Technician (NCPCT) (NCCT) • National Health Science Assessment (NCHSE)
<ul style="list-style-type: none"> • Therapeutic Services/Dental Science 	<ul style="list-style-type: none"> • Dental Assisting (NOCTI) • Dental Assisting (OK CareerTech Testing) • Dental Assisting I (Precision) • Dental Assisting II (Precision) • National Health Science Assessment (NCHSE)
<ul style="list-style-type: none"> • Therapeutic Services/Emergency Medical Responder 	<ul style="list-style-type: none"> • Emergency Management Institute "Are You Ready" Certification (FEMA) • Emergency Medical Responder (EMR) (NREMT) • National Health Science Assessment (NCHSE)
<ul style="list-style-type: none"> • Therapeutic Services/Exercise Physiology 	<ul style="list-style-type: none"> • Exercise Science/Sports Medicine (Precision) • National Health Science Assessment (NCHSE)
<ul style="list-style-type: none"> • Therapeutic Services/Patient Care 	<ul style="list-style-type: none"> • Certified Nursing Aide (CNA) • Certified Patient Care Technician (CPCT) (NHA) • National Certified Patient Care Technician (NCPCT) (NCCT) • National Health Science Assessment (NCHSE)
<ul style="list-style-type: none"> • Therapeutic Services/Pharmacy 	<ul style="list-style-type: none"> • Pharmacy Technician (OK CareerTech Testing) • National Health Science Assessment (NCHSE)
<ul style="list-style-type: none"> • Therapeutic Services/Public Health 	<ul style="list-style-type: none"> • National Health Science Assessment (NCHSE)
<ul style="list-style-type: none"> • Therapeutic Services/Public Safety Communications 	<ul style="list-style-type: none"> • National Health Science Assessment (NCHSE)
<ul style="list-style-type: none"> • Therapeutic Services/Sports Medicine 	<ul style="list-style-type: none"> • Athletic Training Student Aide (OK CareerTech Testing) • Exercise Science/Sports Medicine (Precision) • National Health Science Assessment (NCHSE)
<ul style="list-style-type: none"> • Therapeutic Services/Surgical Technology 	<ul style="list-style-type: none"> • 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:
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<ul style="list-style-type: none"> Culinary Arts 	<ul style="list-style-type: none"> Basic Culinary Arts (formerly Hospitality: Hot Food Cook) (OK CareerTech Testing) Certified Junior Culinarian (CJC) (ACF) Culinary Arts Cook Level 2 (NOCTI) Secondary Culinary Graduate Certificate (ACF)
<ul style="list-style-type: none"> Hospitality, Recreation and Tourism 	<ul style="list-style-type: none"> Hospitality Management & Lodging (NOCTI) Lodging (NOCTI) Travel & Tourism (NOCTI)
<ul style="list-style-type: none"> Sports and Entertainment Marketing 	<ul style="list-style-type: none"> Fundamental Marketing Concepts (ASK) Marketing Education Manager Trainee (OK CareerTech Testing) Standard Marketing POS/End of Program HS: (3 credits) (MBA Research)

Human Services

Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
<ul style="list-style-type: none"> Food and Nutrition 	<ul style="list-style-type: none"> Food Science Fundamentals Pre-Professional (AAFCS) Nutrition, Food, and Wellness Pre-Professional (AAFCS) ServSafe Food Safety Handler Certification ServSafe Food Safety Manager Certification
<ul style="list-style-type: none"> Interior, Fashion and Textiles 	<ul style="list-style-type: none"> Fashion Strategies (Precision) Interior Decorating & Design (NOCTI) Interior Design Fundamentals Pre-Professional (AAFCS)
<ul style="list-style-type: none"> Personal Care Services – Cosmetology 	<ul style="list-style-type: none"> Cosmetology (Skill Connect) Licensed Master Cosmetologist (Georgia State Board of Cosmetology)
<ul style="list-style-type: none"> Personal Care Services - Nails 	<ul style="list-style-type: none"> Nail Care (Skill Connect)

Information Technology

Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
<ul style="list-style-type: none"> Computer Science 	<ul style="list-style-type: none"> Microsoft Technology Associate (MTA): Software Development Fundamentals

	<ul style="list-style-type: none"> • Sun Certified Java Associate (Oracle)
<ul style="list-style-type: none"> • Health Information Technology 	<ul style="list-style-type: none"> • Certified Telehealth Coordinator (CTC) (SE Telehealth) • Certified Telemedicine Clinical Presenter (CTCP) (SE Telehealth) • Certified Telehealth Liaison (CTL) (SE Telehealth)
<ul style="list-style-type: none"> • Information Support and Services 	<ul style="list-style-type: none"> • Computer Repair & Support Technician (formerly Microcomputer Repair & Support Technician) (OK CareerTech Testing) • Information Support and Services (NOCTI) • Microsoft Technology Associate (MTA): Security Fundamentals
<ul style="list-style-type: none"> • Networking 	<ul style="list-style-type: none"> • Computer Networking Technician (formerly Microcomputer Networking Technician) (OK CareerTech Testing) • Microsoft Technology Associate (MTA): Networking Fundamentals • Network Systems (NOCTI)
<ul style="list-style-type: none"> • Programming 	<ul style="list-style-type: none"> • Microsoft Technology Associate (MTA): Gaming Development Fundamentals • Microsoft Technology Associate (MTA): HTML5 Application Developer Fundamentals • Microsoft Technology Associate (MTA): Software Development Fundamentals • Sun Certified Java Associate (Oracle)
<ul style="list-style-type: none"> • Web and Digital Design 	<ul style="list-style-type: none"> • Adobe Certified Associate (ACA): Dreamweaver • CIW Site Development Associate • CIW Web Design Specialist • Microsoft Technology Associate (MTA): HTML5 Application Developer Fundamentals • Microsoft Technology Associate (MTA): Web Development Fundamentals • W3Schools HTML Certification • W3Schools HTML5 Certification

Law, Public Safety, Corrections and Security

Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
<ul style="list-style-type: none"> • Corrections Services 	<ul style="list-style-type: none"> • Criminal Justice (NOCTI) • Criminal Justice/CSI (Skills Connect)

	<ul style="list-style-type: none"> • Law Enforcement (Precision) • National Law, Public Safety, Security and Corrections Core (LPSSC)
<ul style="list-style-type: none"> • Fire and Emergency Services/Emergency Medical Responder 	<ul style="list-style-type: none"> • Emergency Management Institute "Are You Ready" Certification (FEMA) • Emergency Medical Responder (EMR) (NREMT)
<ul style="list-style-type: none"> • Fire and Emergency Services/Firefighting 	<ul style="list-style-type: none"> • Emergency Management Institute "Are You Ready" Certification (FEMA)
<ul style="list-style-type: none"> • Fire and Emergency Services/Public Safety Communications 	<ul style="list-style-type: none"> • Emergency Management Institute "Are You Ready" Certification (FEMA)
<ul style="list-style-type: none"> • Law Enforcement Services/Criminal Investigations 	<ul style="list-style-type: none"> • Criminal Justice (NOCTI) • Criminal Justice/CSI (Skills Connect) • Law Enforcement (Precision) • National Law, Public Safety, Security and Corrections Core (LPSSC)
<ul style="list-style-type: none"> • Law Enforcement Services/Forensic Science 	<ul style="list-style-type: none"> • Criminal Justice (NOCTI) • Criminal Justice/CSI (Skills Connect) • Law Enforcement (Precision) • National Law, Public Safety, Security and Corrections Core (LPSSC)
<ul style="list-style-type: none"> • Legal Services/Legal Administrative Services 	<ul style="list-style-type: none"> • Legal Office Assistant (OK CareerTech Testing)
<ul style="list-style-type: none"> • Security and Protective Services 	<ul style="list-style-type: none"> • Criminal Justice (NOCTI) • Criminal Justice/CSI (Skills Connect) • National Law, Public Safety, Security and Corrections Core (LPSSC)
<i>Manufacturing</i>	
Career Pathway Name:	
End of Pathway Assessment (EOPA) Exam Title:	
<ul style="list-style-type: none"> • Manufacturing 	<ul style="list-style-type: none"> • Automated Manufacturing Technology (AMT) (Skill Connect) • Manufacturing, Introduction (Precision) • Manufacturing Technology (NOCTI) • Robotics and Automation (Skill Connect)
<ul style="list-style-type: none"> • Mechatronics 	<ul style="list-style-type: none"> • Mechatronics (Skill Connect) • Mechatronics-Level 1 (NOCTI)

Marketing

Career Pathway Name:		End of Pathway Assessment (EOPA) Exam Title:	
<ul style="list-style-type: none"> Fashion, Merchandising and Retail Management 	<ul style="list-style-type: none"> 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) 		
<ul style="list-style-type: none"> Marketing and Management 	<ul style="list-style-type: none"> Fundamental Marketing Concepts (ASK Institute) Marketing Education Manager Trainee (OK CareerTech Testing) Standard Marketing POS/End of Program HS: (3 credits) (MBA Research) 		
<ul style="list-style-type: none"> Marketing Communications and Promotions 	<ul style="list-style-type: none"> 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:	
<ul style="list-style-type: none"> Electronics 	<ul style="list-style-type: none"> Electronics Applications/Electronics Technology (Skill Connect) Electronics Technology (NOCTI) 		
<ul style="list-style-type: none"> Engineering and Technology 	<ul style="list-style-type: none"> Engineering (State Developed) (NOCTI) Engineering Technology (Skill Connect) 		
<ul style="list-style-type: none"> Engineering Drafting and Design 	<ul style="list-style-type: none"> Autodesk AutoCAD Certified User Exam Autodesk Inventor Certified User Certified Apprentice Drafter – Mechanical (ADDA) Certified Drafter – Mechanical (ADDA) Certified SolidWorks Associate (CSWA) Technical Drafting (Skills Connect) 		

Transportation, Distribution and Logistics

Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
<ul style="list-style-type: none"> Automobile Maintenance and Light Repair 	<ul style="list-style-type: none"> ASE Student Certification Exams: <ul style="list-style-type: none"> <i>Suspension and Steering</i> <i>Brakes</i> <i>Electrical/Electronic Systems</i> <i>Engine Performance</i> <i>Engine Repair</i> <i>Automatic Transmission/Transaxle</i> <i>Manual Drive Train and Axles</i> <i>Heating and Air Conditioning</i> <i>Maintenance and Light Repair</i> <p>NOTE: A student may take one or all nine of the above exams</p>
<ul style="list-style-type: none"> Automobile Service Technology 	<ul style="list-style-type: none"> ASE Student Certification Exams: <ul style="list-style-type: none"> <i>Suspension and Steering</i> <i>Brakes</i> <i>Electrical/Electronic Systems</i> <i>Engine Performance</i> <i>Engine Repair</i> <i>Automatic Transmission/Transaxle</i> <i>Manual Drive Train and Axles</i> <i>Heating and Air Conditioning</i> <i>Maintenance and Light Repair</i> <p>NOTE: A student may take one or all nine of the above exams</p>
<ul style="list-style-type: none"> Collision Repair: Non-Structural Analysis and Damage Repair 	<ul style="list-style-type: none"> ASE Student Certification Exams: <ul style="list-style-type: none"> <i>Structural Analysis and Damage Repair</i> <i>Non-Structural Analysis and Damage Repair</i> <i>Mechanical and Electrical Components</i> <i>Painting and Refinishing</i> <p>NOTE: A student may take one or all four of the above exams.</p>
<ul style="list-style-type: none"> Collision Repair: Painting and Refinishing 	<ul style="list-style-type: none"> ASE Student Certification Exams: <ul style="list-style-type: none"> <i>Structural Analysis and Damage Repair</i> <i>Non-Structural Analysis and Damage Repair</i> <i>Mechanical and Electrical Components</i> <i>Painting and Refinishing</i> <p>NOTE: A student may take one or all four of the above exams.</p>

<ul style="list-style-type: none"> • Distribution & Logistics 	<ul style="list-style-type: none"> • Certified Logistics Associate (CLA) (MSSC) • Certified Logistics Technician (CLT) (MSSC)
<ul style="list-style-type: none"> • Flight Operations 	<ul style="list-style-type: none"> • Private Pilot Airplane-Written Exam Only (FAA)
<ul style="list-style-type: none"> • Marine Engine Technology 	<ul style="list-style-type: none"> • Marine Service Technology (Skill Connect)
<ul style="list-style-type: none"> • Master Automobile Service Technology 	<ul style="list-style-type: none"> • ASE Student Certification Exams: <ul style="list-style-type: none"> ○ <i>Suspension and Steering</i> ○ <i>Brakes</i> ○ <i>Electrical/Electronic Systems</i> ○ <i>Engine Performance</i> ○ <i>Engine Repair</i> ○ <i>Automatic Transmission/Transaxle</i> ○ <i>Manual Drive Train and Axles</i> ○ <i>Heating and Air Conditioning</i> ○ <i>Maintenance and Light Repair</i>
<p>NOTE: A student may take one or all nine of the above exams</p>	

***FY2015 Technical Skill Attainment Inventory
Concentration Pathways (2005-2014)***

Agricultural Education

Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
<ul style="list-style-type: none"> • Agricultural Mechanics 	<ul style="list-style-type: none"> • Agricultural Mechanics (NOCTI) • Agricultural Systems Technology II (Precision)
<ul style="list-style-type: none"> • Forestry/Natural Resources 	<ul style="list-style-type: none"> • Forest Products and Processing (NOCTI) • Natural Resource Science I (Precision)
<ul style="list-style-type: none"> • Plant Science/Horticulture 	<ul style="list-style-type: none"> • Plant Science/Horticulture Assessment-State Developed (dispensed by NOCTI) • Floriculture and Greenhouse Management A (Precision) • Landscape Management (Precision)

Architecture, Construction, Communications & Transportation (ACCT)

Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:

<ul style="list-style-type: none"> Architectural Drawing & Design 	<ul style="list-style-type: none"> Architectural Drafting (NOCTI) Architectural Drafting (Skills Connect) Certified Apprentice Drafter – Architectural (ADDA) Revit Architecture Certified User (Autodesk)
<ul style="list-style-type: none"> Broadcast Video Production 	<ul style="list-style-type: none"> Adobe Certified Associate (ACA): Premiere Pro Television Production (NOCTI) Television Video Production (Skills Connect)
<ul style="list-style-type: none"> Climate Control Systems Technology (HVACR) 	<ul style="list-style-type: none"> Heating, Electrical, Air Conditioning Technology (H.E.A.T.) (<i>HVAC Excellence</i>) HVACR Level 1 Certification (NCCER) Section 608 Certification (EPA)
<ul style="list-style-type: none"> Climate Control Systems Technology (Low Voltage) 	<ul style="list-style-type: none"> Electrical Level 1 Certification (NCCER) Heating, Electrical, Air Conditioning Technology (H.E.A.T.) (<i>HVAC Excellence</i>)
<ul style="list-style-type: none"> Collision Repair 	<p>ASE Student Certification Exams:</p> <ul style="list-style-type: none"> <i>Structural Analysis and Damage Repair</i> <i>Non-Structural Analysis and Damage Repair</i> <i>Mechanical and Electrical Components</i> <i>Painting and Refinishing</i> <p>NOTE: A student may take one or all four of the above exams.</p>
<ul style="list-style-type: none"> Construction (Carpentry) 	<ul style="list-style-type: none"> Carpentry (Skills Connect) Carpentry Level 1 Certification (NCCER)
<ul style="list-style-type: none"> Construction (Electrical) 	<ul style="list-style-type: none"> Electrical Construction Wiring (Skills Connect) Electrical Level 1 Certification (NCCER)
<ul style="list-style-type: none"> Construction (Masonry) 	<ul style="list-style-type: none"> Masonry (Skills Connect) Masonry Level 1 Certification (NCCER)
<ul style="list-style-type: none"> Construction (Plumbing) 	<ul style="list-style-type: none"> Plumbing (Skills Connect) Plumbing Level 1 Certification (NCCER)
<ul style="list-style-type: none"> Flight Operations 	<ul style="list-style-type: none"> Private Pilot Airplane - Written Exam Only (FAA)
<ul style="list-style-type: none"> Graphic Communications 	<ul style="list-style-type: none"> Adobe Certified Associate (ACA): Adobe InDesign Adobe Certified Associate (ACA): Adobe Illustrator Adobe Certified Associate (ACA): Adobe Photoshop Digital File Preparation (PrintED/Skills Connect) Graphic Communications (Skills Connect) Graphic Production Technology (NOCTI) Offset Press Operations (PrintED/Skills Connect)
<ul style="list-style-type: none"> Graphic Design 	<ul style="list-style-type: none"> Adobe Certified Associate (ACA): Adobe InDesign Adobe Certified Associate (ACA): Adobe Illustrator

	<ul style="list-style-type: none"> • Adobe Certified Associate (ACA): Adobe Photoshop • Advertising Design (Skills Connect)
<ul style="list-style-type: none"> • Marine Engine Technology 	<ul style="list-style-type: none"> • Marine Service Technology (Skills Connect)
<ul style="list-style-type: none"> • Metals Technology (Machining Operations) 	<ul style="list-style-type: none"> • CNC Milling & Turning - Precision Machining (Skills Connect) • Machining Skills Certification Level 1 (NIMS)
<ul style="list-style-type: none"> • Metals Technology (Welding) 	<ul style="list-style-type: none"> • Welding (Skills Connect) • Welding Level 1 Certification (NCCER)
<ul style="list-style-type: none"> • Metals Technology (Sheet Metal) 	<ul style="list-style-type: none"> • Sheet Metal Level 1 Certification (NCCER)
<ul style="list-style-type: none"> • Transportation Logistical Operations 	<ul style="list-style-type: none"> • ASE Student Certification Exams: <ul style="list-style-type: none"> ○ <i>Suspension and Steering</i> ○ <i>Brakes</i> ○ <i>Electrical/Electronic Systems</i> ○ <i>Engine Performance</i> ○ <i>Engine Repair</i> ○ <i>Automatic Transmission/Transaxle</i> ○ <i>Manual Drive Train and Axles</i> ○ <i>Heating and Air Conditioning</i> ○ <i>Maintenance and Light Repair</i> <p>NOTE: A student may take one or all nine of the above exams</p>
<ul style="list-style-type: none"> • Transportation Logistical Support 	<ul style="list-style-type: none"> • ASE Student Certification Exams: <ul style="list-style-type: none"> ○ <i>Suspension and Steering</i> ○ <i>Brakes</i> ○ <i>Electrical/Electronic Systems</i> ○ <i>Engine Performance</i> ○ <i>Engine Repair</i> ○ <i>Automatic Transmission/Transaxle</i> ○ <i>Manual Drive Train and Axles</i> ○ <i>Heating and Air Conditioning</i> ○ <i>Maintenance and Light Repair</i> <p>NOTE: A student may take one or all nine of the above exams</p>
<i>Business & Computer Science</i>	
Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
<ul style="list-style-type: none"> • Administrative/Information Support 	<ul style="list-style-type: none"> • Microsoft Office Specialist (MOS) 2010 • Microsoft Office Specialist (MOS) 2013

	<ul style="list-style-type: none"> • Microsoft Office Specialist (MOS) 2007
<ul style="list-style-type: none"> • Business Logistics Management 	<ul style="list-style-type: none"> • Certified Logistics Associate (CLA) (MSSC) • Certified Logistics Technician (CLT) (MSSC)
<ul style="list-style-type: none"> • Computer Networking 	<ul style="list-style-type: none"> • Cisco Certified Network Associate (CCNA) • Microsoft Technology Associate (MTA): Networking Fundamentals • Network+ Certification (CompTIA)
<ul style="list-style-type: none"> • Computer Systems & Support 	<ul style="list-style-type: none"> • A+ Certification (CompTIA) • Computer Maintenance Technology (Skills Connect) • Microcomputer Repair Technician (OK CareerTech Testing)
<ul style="list-style-type: none"> • Computing 	<ul style="list-style-type: none"> • Microsoft Technology Associate (MTA): Gaming Development Fundamentals • Microsoft Technology Associate (MTA): Microsoft .NET Fundamentals • Microsoft Technology Associate (MTA): Software Development Fundamentals • Sun Certified Java Associate (Oracle)
<ul style="list-style-type: none"> • Financial Management: Accounting 	<ul style="list-style-type: none"> • Business Financial Management (NOCTI) • QuickBooks Certification (Certiport)
<ul style="list-style-type: none"> • Financial Management: Services 	<ul style="list-style-type: none"> • Financial & Investment Planning (NOCTI) • w!se Financial Literacy Certification
<ul style="list-style-type: none"> • Interactive Media 	<ul style="list-style-type: none"> • Adobe Certified Associate (ACA): Adobe Flash • Adobe Certified Associate (ACA): Dreamweaver • Adobe Certified Associate (ACA): Photoshop • CIW Site Development Associate • CIW Web Design Specialist • IC3 Internet and Computing Core Certification (Certiport) • Microsoft Technology Associate (MTA): HTML5 Application Developer Fundamentals • Microsoft Technology Associate (MTA): Web Development Fundamentals
<ul style="list-style-type: none"> • Small Business Development 	<ul style="list-style-type: none"> • Entrepreneur (OK CareerTech Testing) • Fundamental Business Concepts (ASK) • General Management (NOCTI)

Culinary Arts

Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
<ul style="list-style-type: none"> Culinary Arts 	<ul style="list-style-type: none"> Basic Culinary Arts (formerly Hospitality: Hot Food Cook) (OK CareerTech Testing) Certified Junior Culinarian (CJC) (ACF) Culinary Arts Cook Level 2 (NOCTI) Secondary Culinary Graduate Certificate (ACF)
<i>Education</i>	
Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
<ul style="list-style-type: none"> Early Childhood Education 	<ul style="list-style-type: none"> 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)
<ul style="list-style-type: none"> Teaching as a Profession 	<ul style="list-style-type: none"> Teaching as a Profession (NOCTI) State Developed
<i>Engineering & Technology</i>	
Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
<ul style="list-style-type: none"> Electronics 	<ul style="list-style-type: none"> Electronics Applications/Electronics Technology (Skill Connect) Electronics Technology (NOCTI)
<ul style="list-style-type: none"> Energy Systems 	<ul style="list-style-type: none"> Engineering (NOCTI) State Developed Engineering Technology (Skills Connect)
<ul style="list-style-type: none"> Engineering 	<ul style="list-style-type: none"> Engineering (NOCTI) State Developed Engineering Technology (Skills Connect)
<ul style="list-style-type: none"> Engineering Graphics & Design 	<ul style="list-style-type: none"> Autodesk AutoCAD Certified User Exam Autodesk Inventor Certified User Certified Apprentice Drafter – Mechanical (ADDA) Certified Drafter – Mechanical (ADDA) Certified SolidWorks Associate (CSWA) Technical Drafting (Skills Connect)
<ul style="list-style-type: none"> Manufacturing 	<ul style="list-style-type: none"> Automated Manufacturing Technology (AMT) (Skills Connect) Manufacturing, Introduction (Precision)

- Manufacturing Technology (NOCTI)
- Robotics and Automation (Skills Connect)

Family & Consumer Sciences

Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
<ul style="list-style-type: none"> • Consumer Services 	<ul style="list-style-type: none"> • Financial Literacy (OK CareerTech Testing) • Personal and Family Finance Pre-Professional (AAFCS)
<ul style="list-style-type: none"> • Interior Design 	<ul style="list-style-type: none"> • Interior Decorating & Design (NOCTI) • Interior Design Fundamentals Pre-Professional (AAFCS)
<ul style="list-style-type: none"> • Nutrition & Food Science 	<ul style="list-style-type: none"> • Food Science Fundamentals Pre-Professional (AAFCS) • Nutrition, Food, and Wellness Pre-Professional (AAFCS) • ServSafe Food Safety Handler Certification • ServSafe Food Safety Manager Certification

Government & Public Safety

Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
<ul style="list-style-type: none"> • Homeland Security & Emergency Services 	<ul style="list-style-type: none"> • Emergency Management Institute "Are You Ready" Certification (FEMA) • Emergency Medical Responder (EMR) (NREMT)
<ul style="list-style-type: none"> • Law & Justice 	<ul style="list-style-type: none"> • Criminal Justice/CSI (Skills Connect) • National Law, Public Safety, Security and Corrections Core (LPSSC)

Healthcare Science

Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:
<ul style="list-style-type: none"> • Diagnostic Services 	<ul style="list-style-type: none"> • Certified Phlebotomy Technician (CPT) (NHA)

	<ul style="list-style-type: none"> National Certified Phlebotomy Technician (NCPT) (NCCT) National Health Science Assessment (NCHSE)
<ul style="list-style-type: none"> Health Informatics 	<ul style="list-style-type: none"> Certified Billing and Coding Specialist (CBCS) (NHA) Certified Electronic Health Record Specialist (CEHRS) (NHA) Certified Medical Administrative Assistant (CMAA) (NHA) National Certified Insurance and Coding Specialist (NCICS) (NCCT) National Certified Medical Office Assistant (NCMOA) (NCCT) National Health Science Assessment (NCHSE)
<ul style="list-style-type: none"> Personal Care Services: Cosmetology 	<ul style="list-style-type: none"> Cosmetology (Skills Connect) Licensed Master Cosmetologist (Georgia State Board of Cosmetology)
<ul style="list-style-type: none"> Physical Medicine 	<ul style="list-style-type: none"> National Health Science Assessment (NCHSE)
<ul style="list-style-type: none"> Therapeutic Services: Emergency Services 	<ul style="list-style-type: none"> Emergency Management Institute "Are You Ready" Certification (FEMA) Emergency Medical Responder (EMR) (NREMT) National Health Science Assessment (NCHSE)
<ul style="list-style-type: none"> Therapeutic Services: Medical Services 	<ul style="list-style-type: none"> Certified Medical Administrative Assistant (CMAA) (NHA) Certified Patient Care Technician (CPCT)/Associate/Nurse Technician (NHA) EKG Technician Certification (CET) (NHA) National Certified ECG Technician (NCET) (NCCT) National Certified Insurance and Coding Specialist (NCICS) (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)
<ul style="list-style-type: none"> Therapeutic Services: Nursing 	<ul style="list-style-type: none"> Certified Nursing Assistant or (Aide) (CNA) (NACES) Certified Patient Care Technician (CPCT)/Associate/Nurse Technician (NHA) National Health Science Assessment (NCHSE)

Marketing, Sales & Services

Career Pathway Name:	End of Pathway Assessment (EOPA) Exam Title:

<ul style="list-style-type: none"> • Fashion Marketing 	<ul style="list-style-type: none"> • Fundamental Marketing Concepts (ASK) • Marketing Education Manager Trainee (OK CareerTech Testing) • Retail Merchandising (NOCTI) • Standard Marketing POS/End of Program HS: (3 credits) (MBA Research)
<ul style="list-style-type: none"> • Marketing Communications & Promotion 	<ul style="list-style-type: none"> • Fundamental Marketing Concepts (ASK) • Marketing Education Manager Trainee (OK CareerTech Testing) • Standard Marketing POS/End of Program HS: (3 credits) (MBA Research)
<ul style="list-style-type: none"> • Marketing & Management 	<ul style="list-style-type: none"> • Fundamental Marketing Concepts (ASK) • Marketing Education Manager Trainee (OK CareerTech Testing) • Standard Marketing POS/End of Program HS: (3 credits) (MBA Research)
<ul style="list-style-type: none"> • Sports & Entertainment Marketing 	<ul style="list-style-type: none"> • Fundamental Marketing Concepts (ASK) • Marketing Education Manager Trainee (OK CareerTech Testing) • Standard Marketing POS/End of Program HS: (3 credits) (MBA Research)
<ul style="list-style-type: none"> • Travel Marketing & Lodging Management 	<ul style="list-style-type: none"> • Hospitality Management & Lodging (NOCTI) • Lodging (NOCTI) • Travel & Tourism (NOCTI)