### FY2014 CTAE End of Pathway Courses, Exam Codes and Titles

Program Concentration (GEORGIA) A	Pathway <b>B</b>	Specific courses to include	ASSESSMENT CODE  D	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
Architecture, Construction, Communication & Transportation	Construction (Carpentry)	46.x45xx; 46.x46xx; 46.x50xx; 46.x51xx;	CONS46.0011 CONS46.0051	Carpentry SkillsUSA Work Force Ready System  NCCER Construction (Carpentry) Level 1
	Construction (Masonry)	46.x45xx; 46.x46xx; 46.x70xx; 46.x71xx;	CONS46.0041 CONS46.0081	Masonry SkillsUSA Work Force Ready System  NCCER Masonry Level 1
	Construction (Electrical)		CONS46.0031 CONS46.0071	Residential Wiring SkillsUSA Work Force Ready System  NCCER Electrical Level 1
	Construction (Plumbing)	( <b>Plumbing</b> ) 46.x46xx; 46.x80xx; 46.x81xx;	CONS46.0071	Plumbing SkillsUSA Work Force Ready System
			CONS46.0061	NCCER Plumbing Level 1
	Architectural Drawing & Design		ARCH48.0011 ARCH48.0021	Architectural Drafting SkillsUSA Work Force Ready System  Revit Architecture Certified User Exam
			ARCH48.0031 ARCH48.0041	ADDA Certified Architectural Apprentice Drafter  NOCTI Architectural Drafting Assessment
	Communications 48.x62xx	48.x61xx; 48.x62xx;	GRAC48.0011	Graphic Communications SkillsUSA Work Force Ready System
		48.x69xx;	GRAC48.0021 GRAC48.0031	PrintED Certification: Digital File Preparation  PrintED Certification: Offset Press Operations

Program Concentration (GEORGIA)	Pathway <b>B</b>	Specific courses to include	ASSESSMENT CODE  D	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
			GRAC48.0041	NOCTI Graphic Production Technology
			GRAC48.0051	Adobe Certified Associate (ACA): Photoshop
	Graphic Design	48.x61xx; 48.x62xx;	GRAD48.0011	Advertising Design SkillsUSA Work Force Ready System
		48.x28xx;	GRAD48.0012	Adobe Certified Associate (ACA): Photoshop
	Broadcast /Video Production	10.x11xx; or 10.x18xx; and	BRVP10.0011	Television Video Production SkillsUSA Work Force Ready System
		10.x12xx; 10.x13xx;	BRVP10.0012	Television Production NOCTI
		10.81388,	BRVP10.0013	Adobe Certified Associate (ACA): Premiere Pro
	Metals ( <b>Machining</b>	46.x45xx; 48.x81xx;	METC48.0031	CNC Milling & Turning SkillsUSA Work Force Ready System
	Operations)	48.x90xx; 48.x91xx;	METC48.0041	NIMS Machining Skills Certification Level 1
	Metals ( <b>Welding</b> )	46.x45xx; 48.x81xx;	METC48.0011	Welding SkillsUSA Work Force Ready System
		48.x51xx; 48.x52xx;	METC48.0021	NCCER Welding Level 1
	Metals (Sheet Metal)	46.x45xx; 48.x81xx; 48.x82xx; 48.x83xx;	METC48.0051	NCCER Sheet Metal Level 1
	Climate Control Systems Technology (HVACR)	46.x45xx; 47.x10xx;	HVAC47.0021	NCCER HVACR Level 1
	3, ( )	47.x11xx; 47.x13xx;	HVAC47.0022	Heating, Electrical, Air Conditioning Technology H.E.A.T.
			HVAC47.0023	Section 608 Certification EPA
	Climate Control Systems Technology	46.x45xx; 47.x10xx;	CONS46.0072	NCCER Electrical Level 1

Program Concentration (GEORGIA)  A	Pathway B	Specific courses to include	ASSESSMENT CODE  D	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
	(Low Voltage Electrical)	47.x18xx; 47.x19xx;	HVAC47.0022	Heating, Electrical, Air Conditioning Technology H.E.A.T.
	Transportation, Logistical Operations	47.x71xx; or 47.x31xx; and	TRLO47.0021	ASE Electrical/Electronic Systems
	(Ground Marine)	47.x76xx;	TRLO47.0031	ASE Heating & Air Conditioning
		47.x79xx;	TRLO47.0041	ASE Suspension & Steering
		-	TRLO47.0051	ASE Brakes
			TRLO47.0061	ASE Engine Performance
			TRLO47.0071	ASE Engine Repair
			TRLO47.0081	ASE Automatic Transmission/Transaxle
			TRLO47.0091	ASE Manual Drive Train & Axles
			TRLO47.0101	ASE Maintenance & Light Repair
	Transportation, Logistical Support	tical Support 47.x31xx; and	TRLS47.0011	ASE Suspension & Steering
	(Ground Marine)		TRLS47.0021	ASE Brakes
		77.7777	TRLS47.0031	ASE Electrical/Electronic Systems
			TRLS47.0041	ASE Engine Performance
			TRLS47.0051	ASE Engine Repair
			TRLS47.0061	ASE Automatic Transmission/Transaxle
			TRLS47.0071	ASE Manual Drive Train & Axles
			TRLS47.0081	ASE Heating & Air Conditioning

Program Concentration (GEORGIA) A	Pathway B	Specific courses to include	ASSESSMENT CODE  D	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
			TRLS47.0091	ASE Maintenance & Light Repair
	Marine Engine Technology	47.x80xx; 47.x81xx; 47.x82xx;	MAET47.0011	Marine Service Technology SkillsUSA Work Force Ready System
	Marine Studies	47.x84xx; 47.x85xx; 47.x86xx;		
	Aircraft Support	47.x61xx; 47.x62xx; 47.x63xx;		
	Flight Operations	47.x61xx; or 47.x60xx; and 47.x65xx; 47.x66xx;	FLOP47.0011	FAA Private Pilot Airplane Written Exam
	Collision Repair ( <b>Painting and</b>	47.x65xx; 47.x66xx;	COLL47.0011	ASE Refinish & Collision: Painting and Refinishing
	Refinishing)	47.x67xx;	COLL47.0021	ASE Refinish & Collision: Structural Analysis and Damage
			COLL47.0031	ASE Refinish & Collision: Non-Structural Analysis and Damage Repair
			COLL47.0041	ASE Refinish & Collision: Mechanical and Electrical
	Collision Repair (Non Structural	47.x65xx; 47.x68xx;	COLL47.0011	ASE Refinish & Collision: Painting and Refinishing
	Analysis and Damage Repair)	47.x69xx;	COLL47.0021	ASE Refinish & Collision: Structural Analysis and Damage
			COLL47.0031	ASE Refinish & Collision: Non-Structural Analysis and Damage Repair
			COLL47.0041	ASE Refinish & Collision: Mechanical and Electrical
Business & Computer	Small Business	06.x16xx ; or	SBDV06.0011	Fundamental Business Concepts – ASK Institute

Program Concentration (GEORGIA) A	Pathway B	Specific courses to include	ASSESSMENT CODE  D	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE	
Science	Development	<b>07.x413x; and</b> 06.x15xx ;	SBDV06.0021	Entrepreneur – Oklahoma CareerTech	
		06.x17xx;	SBDV06.0031	NOCTI General Management	
	Administration/Informati on Support	07.x411x; or 07.x413x; and	ADIS07.100	Microsoft Office Specialist (MOS) Certified Word User 2007	
		07.x412x ; 07.x831x;	ADIS07.101	Microsoft Office Specialist (MOS) Certified Excel User 2007	
			ADIS07.102	Microsoft Office Specialist (MOS) Certified PowerPoint User 2007	
			ADIS07.103	Microsoft Office Specialist (MOS) Certified Access User 2007	
			_	ADIS07.104	Microsoft Office Specialist (MOS) Certified Outlook User 2007
			ADIS07.200	Microsoft Office Specialist (MOS) Certified Word User 2010	
		_	ADIS07.201	Microsoft Office Specialist (MOS) Certified Excel User 2010	
		_	ADIS07.202	Microsoft Office Specialist (MOS) Certified PowerPoint User 2010	
			ADIS07.203	Microsoft Office Specialist (MOS) Certified Access User 2010	
			ADIS07.204	Microsoft Office Specialist (MOS) Certified Outlook User 2010	
			ADIS07.300	Microsoft Office Specialist (MOS) Certified Word User 2013	
			ADIS07.301	Microsoft Office Specialist (MOS) Certified Excel User 2013	
			ADIS07.302	Microsoft Office Specialist (MOS) Certified PowerPoint User 2013	
			ADIS07.303	Microsoft Office Specialist (MOS) Certified Access User 2013	
			ADIS07.304	Microsoft Office Specialist (MOS) Certified Outlook User 2013	
	Business Logistics	07.x91xx; 07.x92xx;	BSLM07.0011	MSSC Certified Logistics Associate (CLA)	

Program Concentration (GEORGIA)	Pathway <b>B</b>	Specific courses to include	ASSESSMENT CODE  D	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
	Management	07.x93xx;	BSLM07.0021	MSSC Certified Logistics Technician (CLT)
	Financial Management Accounting	06.x16xx; or 07.x413x; and	FIMA07.0011	QuickBooks Certification
		07.x11xx ; 07.x12xx;	FIMA07.0021	National Bookkeepers Association (NBA) Assessment
			FIMA07.0031	NOCTI Business Financial Management Assessment
	Financial Management Services	06.x16xx ; or 07.x413x; and	FIMS07.0011	NOCTI Financial and Investment Planning Assessment
		07.x211x ; 07.x23xx ;	FIMS07.0021	WISE Financial Literacy Certification
	Interactive Media	11.x13xx; or 11.x15x; and	INTM11.0011	IC3 Certification
		11.x31xx; 11.x32xx;	INTM11.0021	Adobe Rich Media Communication using Adobe Flash Professional CS5/CS4/CS3
		-	INTM11.0031	Adobe Visual Communication using Adobe Photoshop CS5/CS4/CS3
		_	INTM11.0041	Adobe Web Communication using Adobe Dreamweaver CS5/CS4/CS3
		-	INTM11.0051	CIW Site Development Associate
		_	INTM11.0061	CIW Web Design Specialist
			INTM11.0071	Microsoft Technology Associate (MTA):HTML5 Application Developer Fundamentals
			INTM11.0081	Microsoft Technology Associate (MTA): Web Development Fundamentals
	Computing	11.x13xx; or 11.x15xx; and	COMP11.0011	Sun Certified Java Associate
		11.x18xx; 11.x21xx;	COMP11.0031	Microsoft Technology Associate (MTA): Gaming Development Fundamentals
			COMP11.0041	Microsoft Technology Associate (MTA): Microsoft .NET Fundamentals

Program Concentration (GEORGIA) A	Pathway <b>B</b>	Specific courses to include	ASSESSMENT CODE  D	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
			COMP11.0051	Microsoft Technology Associate (MTA): Mobile Development Fundamentals
		_	COMP11.0061	Microsoft Technology Associate (MTA): Software Development Fundamentals
	Computer Networking	11.x14xx; 11.x20xx;	COMN11.0011	CISCO Systems
		11.x22xx;	COMN11.0021	Network+ Certification
		<u> </u>	COMN11.0031	Microsoft Technology Associate (MTA): Networking Fundamentals
	Computer Systems & Support	11.x13xx <mark>or</mark> 11.x15xx; and;	COMS11.0011	A+ Certification: Essentials & Practical Applications
	Саррол	11.x14xx; 11.x20xx:	COMS11.0021	Computer Maintenance Technology SkillsUSA Work Force Ready System
			COMS11.0031	Microcomputer Repair Technician
Education	Teaching as a Profession	13.x11xx; 13.x12xx; 13.x21xx;	TAAP13.0011	Teaching as a Profession State Developed Exam - NOCTI
	Early Childhood Education	20.x251x; 20.x232x;	ECED20.0011	Early Care & Education Entry Level Childcare Training (ELCCT) Assessment
		20.x261x;	ECED20.0031	NOCTI Early Childhood Care & Education Assessment
			ECED20.0041	Child Development Associate (CDA)
Healthcare Science	Therapeutic Services - Nursing	25.x21xx; 25.x22xx;	THPS25.0011	National Healthcare Foundation Skills Assessment
		25.x61xx;	THPS25.0021	Certified Patient Care Technician - NHA
			THPS25.0031	Certified Nursing Aide/Assistant (CNA)
	Health Informatics	25.x21xx; 25.x91xx;	THPS25.0012	National Healthcare Foundation Skills Assessment
			HETH25.0011	Certified Billing and Coding Specialist - NHA

Program Concentration (GEORGIA) A	Pathway B	Specific courses to include	ASSESSMENT CODE  D	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
		25.x92xx;	HETH25.0021	Certified Medical Administrative Assistant - NHA
			HETH25.0031	Certified Electronic Health Record Specialist - NHA
			HETH25.0041	National Certified Insurance and Coding Specialist - NCCT
		_	HETH25.0051	National Certified Medical Office Assistant - NCCT
	Physical Medicine 25.x21xx; 25.x80xx; 25.x81xx;  Therapeutic Services - 25.x21xx; Medical Services 25.x22xx;	25.x80xx;	THPS25.0013	National Healthcare Foundation Skills Assessment
			THPS25.0014	National Healthcare Foundation Skills Assessment
	Wedidal Gervices	25.x25xx;	THPS25.0022	Certified Patient Care Technician - NHA
			THPS25.0051	EKG Technician - NHA
			THPS25.0061	National Certified ECG Technician - NCCT
			HETH25.0042	National Certified Insurance and Coding Specialist - NCCT
			HETH25.0052	National Certified Medical Office Assistant - NCCT
		-	THPS25.0081	National Certified Patient Care Technician - NCCT
		-	THPS25.0091	National Certified Phlebotomy Technician - NCCT
			HETH25.0022	Certified Medical Administrative Assistant - NHA
	Therapeutic Services - Emergency Services		THPS25.0111	Emergency Medical Responder (EMR) - NREMT
		25.x62xx;	THPS25.0121	FEMA "Are You Ready" Assessment
			THPS25.0015	National Healthcare Foundation Skills Assessment

Program Concentration (GEORGIA) A	Pathway B	Specific courses to include	ASSESSMENT CODE  D	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
	Biotechnology Research & Development	25.x21xx; 25.x68xx; 25.x69xx;		
	Diagnostics Services	25.x21xx; 25.x65xx;	THPS25.0092	National Certified Phlebotomy Technician - NCCT
	Personal Care Services	25.x66xx; 12.x45xx; or	DIAG25.0011 COSM12.0011	Certified Phlebotomy Technician - NHA  Licensed Master Cosmetologist
	- Cosmetology	12.x44xx; and 12.x46xx; 12.x48xx;	COSM12.0021	Cosmetology SkillsUSA Work Force Ready System Assessment
Culinary Arts	Culinary Arts	20.x31xx; 20.x321x;	CULA20.0011	Certified Junior Culinarian - ACF
		20.x331x;	CULA20.0031	Secondary Culinary Graduate Certificate - ACF
			CULA20.0041	NOCTI Culinary Arts Cook Level 2 Assessment
			CULA20.0041	NOCTI Culinary Arts Cook Level 2 Assessment
			CULA20.0051	Hospitality: Hot Food Cook – Oklahoma
Family & Consumer Science	Nutrition and Food Science	20.x161x; 20.x171x;	NUFS20.0011	Nutrition, Food, and Wellness Pre-Professional Assessment (AAFCS)
		20.x181x;	NUFS20.0021	Food Science Pre-Professional Assessment (AAFCS)
			NUFS20.0031	ServSafe Food Safety Manager Certification
			NUFS20.0041	ServSafe Food Safety Handler Certification
	Consumer Services	20.x51xx; 20.x52xx;	CMSV20.0011	Personal and Family Finance Pre-Professional Assessment (AAFCS)
		20.x30xx;	CMSV20.0021	Financial Literacy Assessment (OK CareerTech)
	Interior & Fashion	20.x41xx; 20.x42xx;	INTE20.0011	Interior Design Pre-Professional Assessment (AAFCS)

Program Concentration (GEORGIA) A	Pathway <b>B</b>	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
	Design	20.x47xx;	INTE20.0021	NOCTI Interior Decorating and Design Assessment
Government & Public Safety	Law & Justice	43.x30xx; or 43.x50xx; and 43.x35xx;	LAWJ43.0011	National Law, Public Safety, Security & Corrections Core (LPSSC) Assessment
		43.x33xx;	LAWJ43.0021	Criminal Justice SkillsUSA Work Force Ready System Assessment
	Homeland Security & Emergency Services	43.x36xx; 43.x37xx;	THPS25.0112	Emergency Medical Responder (EMR) - NREMT
		43.x38xx;	THPS25.0122	FEMA "Are You Ready" Assessment
Marketing, Sales & Services	Marketing & Management	08.x74xx; 08.x75xx;	MRKT08.0011	Fundamental Marketing Concepts Exam (ASK)
	-	08.x36xx;	MKMT08.0021	Marketing Education Management Trainee Exam (OK CareerTech)
			MKMT08.0025	Standard Marketing POS/End of Program HS
	Fashion Marketing	08.x74xx; 08.x13xx;	FASH08.0011	NOCTI Retail Merchandising Assessment
		08.x14xx;	MRKT08.0012	Fundamental Marketing Concepts Exam (ASK)
			FASH08.0012	Marketing Education Management Trainee Exam (OK CareerTech)
			FASH08.0013	Standard Marketing POS/End of Program HS
	Marketing Communications &	08.x74xx; 08.x72xx;	MRKT08.0013	Fundamental Marketing Concepts Exam (ASK)
	Promotion	08.x79xx;	MKCP08.011	Marketing Education Management Trainee Exam (OK CareerTech)
			MKCP08.012	Standard Marketing POS/End of Program HS
	Sports & Entertainment Marketing	08.x74xx; 08.x78xx;	MRKT08.0014	Fundamental Marketing Concepts Exam (ASK)
			MKSE08.0011	Marketing Education Management Trainee Exam (OK CareerTech)

Program Concentration (GEORGIA) <b>A</b>	Pathway <b>B</b>	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
		08.x85xx;	MKSE08.0012	Standard Marketing POS/End of Program HS
	Travel Marketing & Lodging Management	08.x74xx; 08.x30xx;	TMLM08:0011	NOCTI Hospitality Management & Lodging
	Loaging Management	08.x37xx;	TMLM08:0012	NOCTI Lodging
			TMLM08:0013	NOCTI Travel & Tourism
Engineering & Technology	Engineering	21.x25xx; 21.x71xx;	ENGR21.0011	NOCTI State Developed Engineering Assessment
		21.x72xx;	ENGR21.0021	Engineering Technology SkillsUSA Work Force Ready System Assessment
	Electronics	21.x52xx; 21.x53xx; 21.x54xx;	ELEC21.0011	NOCTI Electronic Technology Assessment
	Energy Systems	21.x25xx; 21.x51xx;	ENGR21.0012	NOCTI State Developed Engineering Assessment
		21.x57xx;	ENGR21.0022	Engineering Technology SkillsUSA Work Force Ready System Assessment
	Engineering Graphics & Design	48.x41xx; 48.x42xx; 48.x43xx;	ENGD48.0011	ADDA Certified Mechanical Drafter
			ENGD48.0021	ADDA Certified Apprentice Mechanical Drafter
		-	ENGD48.0031	Autodesk Inventor Certified User Exam
		_	ENGD48.0041	Technical Drafting SkillsUSA Work Force Ready System Assessment
		_	ENGD48.0051	Certified SolidWorks Associate (CSWA)
	Manufacturing	21.x41xx; 21.x45xx;	MANU21.0011	Automated Manufacturing Technology SkillsUSA Work Force Ready System Assessment
		21.x44xx;	MANU21.0021	Robotics and Automation Technology SkillsUSA Work Force Ready System Assessment

Program Concentration (GEORGIA) A	Pathway B	Specific courses to include	ASSESSMENT CODE  D	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
			MANU21.0031	State Developed Manufacturing Assessment
Agriculture	Agriculture Mechanics	02.x71xx; 01.x21xx; 01.x22xx;	AGRM01.0011	NOCTI Agricultural Mechanics Assessment
	Agriscience	02.x71xx ; 02.x21xx; 02.x41xx;		
	Plant Science/Horticulture	02.x71xx; 01.x61xx; 01.x70xx;	AGPS01.0011	Plant Science/Horticulture State Developed Exam - NOCTI
	Forestry & Natural Resources	02.x71xx; 03.x51xx; 03.x53xx;	AGFN03.0011	NOCTI Forestry Products & Processing Assessment
	Animal Science	02.x71xx; 02.x21xx; 01.x32xx;		
	Agribusiness Management	02.x71xx;; 01.x12xx; 01.x13xx;		
	Veterinary Science	02.x71xx ; 02.x23xx; 02.x24xx;		