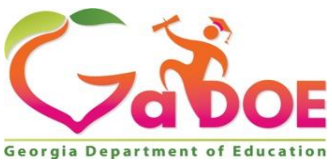


# FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles



November 26, 2024



# FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

## Document Revision - Additions

Date	Cluster Area (Georgia)	Pathway Code	Pathway Description	Assessment	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE	Status
11/26/2024	Hospitality and Tourism	376	Entertainment Sports & Event Management			Added
11/26/2024	Hospitality and Tourism	377	Baking and Pastry			Added
11/26/2024	Health Science	378	Therapeutic Services: Mental Health Professional			Added
11/26/2024	Law, Public Safety, Corrections & Security	250	Corrections Services	NCRS43.2252	National Law Enforcement Certification (STACC)	Added
11/26/2024	Poultry Science	366	Agriculture, Food and Natural Resources	AGSC01.1111	Agricultural Science I - Precision	Added
11/26/2024	Law, Public Safety, Corrections & Security	258	Security and Protective Services	NCRS43.2252	National Law Enforcement Certification (STACC)	Added
11/26/2024	Law, Public Safety, Corrections & Security	254	Law Enforcement Services / Criminal Investigations	NCRS43.2252	National Law Enforcement Certification (STACC)	Added
11/26/2024	Law, Public Safety, Corrections & Security	255	Law Enforcement Services / Forensic Science	NCRS43.2252	National Law Enforcement Certification (STACC)	Added

## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Date	Cluster Area (Georgia)	Pathway Code	Pathway Description	Assessment	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE	Status
11/26/2024	Law, Public Safety, Corrections & Security	346	Law Enforcement Services / Public Safety Communications	NCRS43.2252	National Law Enforcement Certification (STACC)	Added

### Document Revision - Modifications

Date	Cluster Area (Georgia)	Pathway Code	Pathway Description	Specific Courses to include	Status - Modified
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### Document Revision - Removal's

Date	Cluster Area (Georgia)	Pathway Code	Pathway Description	Assessment	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE	Status – Removed
11/26/2024	Architecture and Construction	005	Fine Furniture / Cabinetmaking	FFCM46.1011	Cabinetmaking Skill Connect	Removed
11/26/2024	Architecture and Construction	002	Masonry	CONS46.0041	Masonry Skill Connect	Removed
11/26/2024	Architecture and Construction	004	Plumbing	CONS46.0021	Plumbing Skill Connect	Removed
11/26/2024	Architecture and Construction	011	Architectural Drawing & Design	ARCH48.0011	Architectural Drafting Skill Connect	Removed

## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Date	Cluster Area (Georgia)	Pathway Code	Pathway Description	Assessment	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE	Status – Removed
11/26/2024	Architecture and Construction	020	Machining Operations	METC48.0031	CNC Milling & Turning Skill Connect	Removed
11/26/2024	Agriculture, Food and Natural Resources	289	Ag Leadership in Food Product Processing	AGCL01.1007	Agricultural Communication & Leadership Precision	Removed
11/26/2024	Agriculture, Food and Natural Resources	290	Agribusiness Systems	AGCL01.1007	Agricultural Communication & Leadership Precision	Removed
11/26/2024	Architecture and Construction	005	Fine Furniture / Cabinetmaking	FFCM46.1011	Cabinetmaking Skill Connect	Removed
11/26/2024	Architecture and Construction	002	Masonry	CONS46.0041	Masonry Skill Connect	Removed
11/26/2024	Architecture and Construction	004	Plumbing	CONS46.0021	Plumbing Skill Connect	Removed
11/26/2024	Architecture and Construction	011	Architectural Drawing & Design	ARCH48.0011	Architectural Drafting Skill Connect	Removed
11/26/2024	Architecture and Construction	020	Machining Operations	METC48.0031	CNC Milling & Turning Skill Connect	Removed
11/26/2024	Arts, A/V Technology & Communications	071	Business and Technology	BSTH07.1300	Microsoft Office Specialist (MOS) Certified Word User 2013	Removed
11/26/2024	Arts, A/V Technology & Communications	071	Business and Technology	BSTH07.1301	Microsoft Office Specialist (MOS) Certified Excel User 2013	Removed
11/26/2024	Arts, A/V Technology & Communications	071	Business and Technology	BSTH07.1302	Microsoft Office Specialist (MOS) Certified PowerPoint User 2013	Removed

## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Date	Cluster Area (Georgia)	Pathway Code	Pathway Description	Assessment	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE	Status – Removed
11/26/2024	Arts, A/V Technology & Communications	071	Business and Technology	BSTH07.1303	Microsoft Office Specialist (MOS) Certified Access User 2013	Removed
11/26/2024	Arts, A/V Technology & Communications	071	Business and Technology	BSTH07.1401	Microsoft Office Specialist (MOS) Certified Outlook User 2013	Removed
11/26/2024	Energy	272	Energy Systems	ENGT21.0022	Engineering Technology Skill Connect	Removed
11/26/2024	Energy	341	Energy and Power: Generation, Transmission, and Distribution	ENGT21.0022	Engineering Technology Skill Connect	Removed
11/26/2024	Human Services	339	Personal Care Services – Nails	PCSN12.1001	Nail Care Skill Connect	Removed
11/26/2024	Information Technology	092	Networking	NETW11.0021	NOCTI Network Systems	Removed
11/26/2024	Manufacturing	275	Manufacturing	MANU21.0011	Automated Manufacturing Technology Skill Connect	Removed
11/26/2024	Manufacturing	275	Manufacturing	MANU21.0021	Robotics and Automation Skill Connect	Removed
11/26/2024	Manufacturing	276	Mechatronics	MECH21.1001	Mechatronics Skill Connect	Removed
11/26/2024	Science, Technology, Engineering & Mathematics (STEM)	340	Electronics	ELEC21.0012	Electronics Applications/Electronics Technology Skill Connect	Removed

## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Date	Cluster Area (Georgia)	Pathway Code	Pathway Description	Assessment	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE	Status – Removed
11/26/2024	Science, Technology, Engineering & Mathematics (STEM)	270	Engineering and Technology	ENGT21.0022	Engineering Technology Skill Connect	Removed
11/26/2024	Science, Technology, Engineering & Mathematics (STEM)	273	Engineering Drafting and Design	ENGD48.0041	Technical Drafting Skill Connect	Removed
11/26/2024	Transportation, Distribution and Logistics	045	Marine Engine Technology	MAET47.0011	Marine Service Technology Skill Connect	Removed

# FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

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## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
Agriculture, Food and Natural Resources					
Agriculture, Food and Natural Resources	287	Ag Leadership in Animal Production	02.x710x; 02.x210x; 01.x120x;	AGSC01.1111	Agricultural Science I - Precision
Agriculture, Food and Natural Resources	300	Animal Production and Processing	02.x710x; 01.x320x; 02.x320x;	ANSC01.1111	Animal Science I - Precision
Agriculture, Food and Natural Resources	299	Animal Mechanical Systems	02.x710x; 01.x320x; 01.x210x;	AGSC01.1111	Agricultural Science I - Precision
Agriculture, Food and Natural Resources	301	Companion Animal Systems	02.x710x; 02.x210x; 02.x230x;	ANSC02.2222	Animal Science II - Precision
Agriculture, Food and Natural Resources	303	Equine Science	02.x710x; 02.x210x; 02.x220x;	ANSC02.2222	Animal Science II - Precision
Agriculture, Food and Natural Resources	351	Food Animal Science	02.x710x; 02.x210x; 01.x320x;	ANSC02.2222	Animal Science II - Precision
Agriculture, Food and Natural Resources	320	Veterinary Science	02.x710x; 02.x210x; 02.x240x;	VTSC02.1001	Veterinary Assistant - Precision
Agriculture, Food and Natural Resources	294	Agriculture Energy Systems	02.x710x; 03.x710x; 03.x620x;	NRSC03.2222	Natural Resource Science II - Precision



## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
Agriculture, Food and Natural Resources	291	Agricultural Mechanics & Electrical Systems	02.x710x; 01.x210x; 01.x260x;	AGST01.2222	Agricultural Systems Technology II - Precision
Agriculture, Food and Natural Resources	292	Agricultural Mechanics & Metal Fabrication	02.x710x; 01.x210x; 01.x240x;	AGST01.1111	Agricultural Systems Technology I - Precision
Agriculture, Food and Natural Resources	293	Agricultural Mechanics Systems	02.x710x; 01.x210x; 01.x220x;	AGST01.2222	Agricultural Systems Technology II - Precision
				NAGM01.0011	NOCTI Agricultural Mechanics
Agriculture, Food and Natural Resources	289	Ag Leadership in Food Product Processing	02.x710x; 02.x320x; 01.x120x;	<del>AGCL01.1007</del> <b>DELETE</b>	<del>Agricultural Communication &amp; Leadership—Precision</del> <b>DELETE</b>
Agriculture, Food and Natural Resources	305	Food Products & Processing Systems	02.x710x; 02.x320x; 01.x410x;	AGSC01.1111	Agricultural Science I - Precision
Agriculture, Food and Natural Resources	290	Agribusiness Systems	02.x710x; 01.x120x; 01.x130x;	<del>AGCL01.1007</del> <b>DELETE</b>	<del>Agricultural Communication &amp; Leadership—Precision</del> <b>DELETE</b>
Agriculture, Food and Natural Resources	298	Agriscience Systems	02.x710x; 02.x210x; 02.x410x;	AGSC01.2222	Agricultural Science II - Precision
Agriculture, Food and Natural Resources	310	Forestry and Animal Science Systems	02.x710x; 03.x510x; 02.x210x;	AGSC01.1111	Agricultural Science I - Precision

## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
Agriculture, Food and Natural Resources	348	Horticulture and Animal Science	02.x710x; 01.x610x; 02.x210x;	AGSC01.2222	Agricultural Science II - Precision
Agriculture, Food and Natural Resources	313	Horticulture and Forest Science	02.x710x; 01.x610x; 03.x510x;	AGSC01.1111	Agricultural Science I - Precision
Agriculture, Food and Natural Resources	288	Ag Leadership in Aquaculture	02.x710x; 03.x310x; 01.x120x;	AGSC01.1111	Agricultural Science I - Precision
Agriculture, Food and Natural Resources	302	Environmental Agriculture Systems	02.x710x; 03.x220x; 03.x610x;	NRSC03.2222	Natural Resource Science II - Precision
Agriculture, Food and Natural Resources	311	Forestry Management Systems	02.x710x; 03.x510x; 03.x520x;	NRSC03.2222	Natural Resource Science II - Precision
Agriculture, Food and Natural Resources	306	Forest Mechanical Systems	02.x710x; 03.x510x; 01.x210x;	AGSC01.1111	Agricultural Science I - Precision
Agriculture, Food and Natural Resources	307	Forest/ Natural Resources Management	02.x710x; 03.x510x; 03.x110x;	NRSC03.1111	Natural Resource Science I - Precision
				NFPP03.1001	NOCTI Forestry Products & Processing
				FNRM03.1771	Ducks Unlimited Ecology Conservation & Management Certification (iCEV)

## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
Agriculture, Food and Natural Resources	309	Forest/Renewable Energy	02.x710x; 03.x510x; 03.x710x;	NRSC03.2222	Natural Resource Science II - Precision
Agriculture, Food and Natural Resources	308	Forest/ Wildlife Systems	02.x710x; 03.x510x; 03.x530x;	NFPP03.1001	NOCTI Forestry Products & Processing
				NRSC03.2222	Natural Resource Science II - Precision
Agriculture, Food and Natural Resources	296	Agriculture Leadership in Horticulture	02.x710x; 01.x610x; 01.x120x;	AGSC01.1111	Agricultural Science I - Precision
Agriculture, Food and Natural Resources	297	Agriculture Leadership in Plant Science	02.x710x; 02.x410x; 01.x120x;	AGSC01.1111	Agricultural Science I - Precision
Agriculture, Food and Natural Resources	295	Agriculture Leadership in Forestry	02.x710x; 03.x510x; 01.x120x;	AGSC01.1111	Agricultural Science I - Precision
Agriculture, Food and Natural Resources	314	Horticulture Mechanical Systems	02.x710x; 01.x610x; 01.x210x;	AGSC01.1111	Agricultural Science I - Precision
Agriculture, Food and Natural Resources	315	Landscape Management Systems	02.x710x; 01.x610x; 01.x650x;	LAND01.1011	Landscape Management - Precision
Agriculture, Food and Natural Resources	317	Plant and Floral Design Systems	02.x710x; 01.x610x; 01.x660x;	PFDS01.1107	Floriculture and Greenhouse Management – Precision
	316	Plant and Floriculture Systems		FLGM01.1002	Floriculture and Greenhouse Management A - Precision

## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
Agriculture, Food and Natural Resources			02.x710x; 01.x610x; 01.x620x;	PSHT01.1111	Plant Science/Horticulture State Developed Exam - NOCTI
Agriculture, Food and Natural Resources	318	Plant and Landscape Systems	02.x710x; 01.x610x; 01.x700x;	LAND01.1011	Landscape Management - Precision
				PSHT01.1111	Plant Science/Horticulture State Developed Exam - NOCTI
Agriculture, Food and Natural Resources	319	Plant and Mechanical Systems	02.x710x; 02.x410x; 01.x210x;	AGSC01.1111	Agricultural Science I - Precision
Agriculture, Food and Natural Resources	365	Commercial Fishing Management	02.x710x; 02.x500x; 02.x510x		
Agriculture, Food and Natural Resources	366	Poultry Science	02.x710x; 02.x620x; 02.x630x	<b>AGSC01.1111 NEW</b>	<b>Agricultural Science I – Precision NEW</b>
Architecture and Construction					
Architecture and Construction	005	Fine Furniture / Cabinetmaking	46.x540x; 46.x550x; 46.x560x;	FFCM46.1022	NOCTI Cabinetmaking
				<del>FFCM46.1011</del> <b>DELETE</b>	<del>Cabinetmaking Skill Connect</del> <b>DELETE</b>
Architecture and Construction	001	Carpentry	46.x450x; 46.x460x; 46.x500x;	CONS46.0011	Carpentry Skill Connect
				CONS46.0051	NCCER Carpentry Level 1
				CONS46.1122	NOCTI Carpentry
Architecture and Construction	002	Masonry		<del>CONS46.0041</del> <b>DELETE</b>	<del>Masonry Skill Connect</del> <b>DELETE</b>

## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
			46.x450x; 46.x460x; 46.x700x;	CONS46.0081	NCCER Masonry Level 1
Architecture and Construction	003	Electrical	46.x450x; 46.x460x; 46.x600x;	CONS46.0031	Electrical Construction Wiring Skill Connect
				ELEC46.0071	NCCER Electrical Level 1
Architecture and Construction	004	Plumbing	46.x450x; 46.x460x; 46.x800x;	<del>CONS46.0021</del> <b>DELETE</b>	<del>Plumbing Skill Connect</del> <b>DELETE</b>
				CONS46.0061	NCCER Plumbing Level 1
Architecture and Construction	011	Architectural Drawing & Design	48.x410x; 48.x450x; 48.x460x;	<del>ARCH48.0011</del> <b>DELETE</b>	<del>Architectural Drafting Skill Connect</del> <b>DELETE</b>
				ARCH48.0021	Autodesk Revit Architecture Certified User
				ARCH48.0031	ADDA Certified Architectural Apprentice Drafter
				ARCH48.0041	NOCTI Architectural Drafting
Architecture and Construction	020	Machining Operations	46.x450x; 48.x810x; 48.x900x;	<del>METC48.0031</del> <b>DELETE</b>	<del>CNC Milling &amp; Turning Skill Connect</del> <b>DELETE</b>
				METC48.0041	NIMS Machining Skills Certification Level 1
Architecture and Construction	021	Welding	46.x450x; 48.x810x; 48.x510x;	METC48.0011	Welding Skill Connect
				METC48.0021	NCCER Welding Level 1
				METC48.2233	AWS SENSE Entry Level Welder 1
				METC48.1221	NOCTI Welding
Architecture and Construction	022	Sheet Metal	46.x450x; 48.x810x; 48.x820x;	METC48.0051	NCCER Sheet Metal Level 1

## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
Architecture and Construction	030	HVACR	46.x450x; 47.x140x; 47.x150x;	HVAC47.0021	NCCER HVACR Level 1
				HEAT47.0022	Heating, Electrical, Air Conditioning Technology H.E.A.T.
				HVAC47.0023	Section 608 Certification EPA
Architecture and Construction	031	HVACR Electrical	46.x450x; 47.x140x; 47.x160x;	ELEC46.0071	NCCER Electrical Level 1
				HEAT47.0022	Heating, Electrical, Air Conditioning Technology H.E.A.T.
Architecture and Construction	354	Industrial Maintenance	46.x100x; 46.x200x; 46.x300x;		
Architecture and Construction	368	Heavy Equipment Operations	46.x450x; 46.x900x; 46.x910x	HEOP49.0110	NCCER Heavy Equipment Operations Level 1
<b>Arts, A/V Technology &amp; Communications</b>					
Arts, A/V Technology & Communications	013	Graphic Communications	48.x610x; 48.x620x; 48.x700x;	GRAC48.0011	Intro to Graphic Communications Skill Connect
				GRAC48.0021	PrintED Certification: Digital File Preparation
				GRAC48.0031	PrintED Certification: Offset Press Operations
				GRAC48.0041	NOCTI Graphic Production Technology
				VCMD48.1111	NOCTI Visual Communications & Multimedia Design

## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
				ADPH48.0051	Adobe Certified Associate (ACA): Adobe Photoshop
				ADIN48.0175	Adobe Certified Associate (ACA): Adobe InDesign
				ADST48.0176	Adobe Certified Associate (ACA): Adobe Illustrator
<b>Arts, A/V Technology &amp; Communications</b>	<b>342</b>	Animation and Digital Media	48.x210x; 48.x220x; 48.x230x;		
<b>Arts, A/V Technology &amp; Communications</b>	<b>369</b>	Film Production	10.x181x; 10.x211x; 10.x221x;		
<b>Arts, A/V Technology &amp; Communications</b>	<b>016</b>	Graphic Design	48.x610x; 48.x620x; 48.x280x;	GRAD48.0011	Graphic Design Skill Connect
				VCMD48.1111	NOCTI Visual Communications & Multimedia Design
				ADPH48.0051	Adobe Certified Associate (ACA): Adobe Photoshop
				ADIN48.0175	Adobe Certified Associate (ACA): Adobe InDesign
				ADST48.0176	Adobe Certified Associate (ACA): Adobe Illustrator
<b>Arts, A/V Technology &amp; Communications</b>	<b>036</b>	Audio Video Technology & Film I	10.x181x; (10.x191x OR 10.x211x); (10.x201x OR 10.x221x)	BRVP10.0011	Television Video Production Skill Connect
				BRVP10.0012	NOCTI Television Production
				BRVP10.0013	Adobe Certified Associate (ACA): Adobe Premiere Pro



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Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
Arts, A/V Technology & Communications	038	Audio Video Technology & Film II	10.x181x; (10.x191x OR 10.x211x); 10.x141x	BRVP10.0011	Television Video Production Skill Connect
				BRVP10.0012	NOCTI Television Production
				BRVP10.0013	Adobe Certified Associate (ACA): Adobe Premiere Pro
Business Management & Administration					
Business Management & Administration	071	Business and Technology	07.x410x; 07.x510x; 07.x413x	<del>BSTH07.1300</del> <b>DELETE</b>	Microsoft Office Specialist (MOS) Certified Word User 2013 <b>DELETE</b>
				<del>BSTH07.1301</del> <b>DELETE</b>	Microsoft Office Specialist (MOS) Certified Excel User 2013 <b>DELETE</b>
				<del>BSTH07.1302</del> <b>DELETE</b>	Microsoft Office Specialist (MOS) Certified PowerPoint User 2013 <b>DELETE</b>
				<del>BSTH07.1303</del> <b>DELETE</b>	Microsoft Office Specialist (MOS) Certified Access User 2013 <b>DELETE</b>
				<del>BSTH07.1401</del> <b>DELETE</b>	Microsoft Office Specialist (MOS) Certified Outlook User 2013 <b>DELETE</b>
				BSTH07.1402	Microsoft Office Specialist (MOS) Certified Word User 2016
				BSTH07.1403	Microsoft Office Specialist (MOS) Certified Excel User 2016
				BSTH07.1404	Microsoft Office Specialist (MOS) Certified PowerPoint User 2016
				BSTH07.1405	Microsoft Office Specialist (MOS) Certified Access User 2016
				BSTH07.1406	Microsoft Office Specialist (MOS) Certified Outlook User 2016



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Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
				BSTH07.1502	Microsoft Office Specialist (MOS) Certified Word User 2019
				BSTH07.1503	Microsoft Office Specialist (MOS) Certified Excel User 2019
				BSTH07.1504	Microsoft Office Specialist (MOS) Certified PowerPoint User 2019
				BSTH07.1505	Microsoft Office Specialist (MOS) Certified Access User 2019
				BSTH07.1506	Microsoft Office Specialist (MOS) Certified Outlook User 2019
				BSTH07.1578	Microsoft Office Specialist (MOS): Microsoft Word 365 Certification
				BSTH07.1579	Microsoft Office Specialist (MOS): Microsoft Excel 365 Certification
				BSTH07.1580	Microsoft Office Specialist (MOS): Microsoft PowerPoint 365 Certification
				BSTH07.1581	Microsoft Office Specialist (MOS): Microsoft Outlook 365 Certification
<b>Business Management &amp; Administration</b>	<b>070</b>	Entrepreneurship	07.x413x; 06.x150x; 06.x161x;	ENTR06.0021	Entrepreneur – Oklahoma CareerTech
				ENTR06.0031	NOCTI General Management
<b>Business Management &amp; Administration</b>	<b>076</b>	Human Resources Management	07.x413x; 06.x150x; 06.x180x;	HRMG06.1121	NOCTI Human Resources Management

## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
<b>Business Management &amp; Administration</b>	<b>355</b>	International Business	07.x320x; 07.x420x; 07.x520x;		
<b>Business Management &amp; Administration</b>	<b>370</b>	Start-Up Entrepreneurship	06.x510x; 06.x520x; 06.x530x;		
<b>Education and Training</b>					
<b>Education and Training</b>	<b>105</b>	Teaching as a Profession	13.x110x; 13.x120x; 13.x130x;	TAAP13.0011	Teaching as a Profession State Developed Exam - NOCTI
<b>Education and Training</b>	<b>074</b>	Early Childhood Education I	20.x240x; 20.x281x; 20.x250x;	ECED20.0011	Early Care & Education Entry Level Childcare Training (ELCCT) (OK CareerTech)
				ECED20.0031	NOCTI Early Childhood & Care Basic
				ECED20.0041	Child Development Associate (CDA)
<b>Education and Training</b>	<b>353</b>	Early Childhood Education II	20.x240x; 20.x281x; 20.x260x;	ECED20.0011	Early Care & Education Entry Level Childcare Training (ELCCT) (OK CareerTech)
				ECED20.0031	NOCTI Early Childhood & Care Basic
				ECED20.0041	Child Development Associate (CDA)

## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
Energy					
Energy	272	Energy Systems	49.x370x; 21.x510x; 21.x570x;	ENGS21.0012	Engineering State Developed Exam - NOCTI
				<del>ENGT21.0022</del> <b>DELETE</b>	<del>Engineering Technology Skill Connect</del> <b>DELETE</b>
Energy	341	Energy and Power: Generation, Transmission, and Distribution	49.x370x; 49.x380x; 49.x390x;	ENPG49.1001	Energy Industry Fundamentals Certification (CEWD)
				ENGS21.0012	Engineering State Developed Exam - NOCTI
				<del>ENGT21.0022</del> <b>DELETE</b>	<del>Engineering Technology Skill Connect</del> <b>DELETE</b>
Finance					
Finance	372	Financial Technology	07.x270x; 07.x280x; 11.x630x;		
Finance	080	Advanced Accounting	07.x413x; 07.x110x; 07.x120x;	ADVA07.0011	QuickBooks Certification
				ADVA07.0021	NOCTI Advanced Accounting
Finance	083	Business Accounting	07.x413x; 07.x110x; 07.x260x;	NBFM07.0031	NOCTI Business Financial Management
				BSAT07.0041	NOCTI Accounting Basic
Finance	081	Financial Services	07.x413x; 07.x310x; 07.x260x;	FIMS07.0011 FIMS07.0021	NOCTI Financial and Investment Planning w/lse Financial Literacy Certification

## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
Government and Public Administration					
<b>Government and Public Administration</b>	<b>367</b>	Public Management and Administration	29.x100x; 29.x110x; 29.x120x;		
Health Science					
<b>Health Science</b>	<b>213</b>	Therapeutic Services - Pharmacy	25.x210x; 25.x400x; 25.x530x;	THPM25.2101	Pharmacy Technician (OK CareerTech)
				THPM25.2221	Pharmacy Technician Certification (CPhT) (NHA)
				NHSA25.1111	National Health Science Assessment
<b>Health Science</b>	<b>212</b>	Therapeutic Services - Dental Science	25.x821x; 25.x880x; 25.x890x;	THDS25.1001	NOCTI Dental Assisting
				THDS25.1002	Dental Assisting (OK CareerTech)
				THDS25.1003	Dental Assisting I - Precision
				THDS25.1004	Dental Assisting II - Precision
		NHSA25.1111	National Health Science Assessment		
<b>Health Science</b>	<b>214</b>	Therapeutic Services - Public Health	25.x210x; 25.x400x; 25.x520x;	NHSA25.1111	National Health Science Assessment
<b>Health Science</b>	<b>215</b>	Therapeutic Services - Public Safety Communications	25.x210x; 25.x400x; 25.x620x;	FEMA99.2543	FEMA EMI "Community Preparedness" Assessment
				NHSA25.1111	National Health Science Assessment

## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
Health Science	204	Therapeutic Services - Emergency Medical Responder	25.x210x; 25.x400x; 25.x500x;	EMRR99.2543	Emergency Medical Responder (EMR) - NREMT
				FEMA99.2543	FEMA EMI “Community Preparedness” Assessment
				NHSA25.1111	National Health Science Assessment
Health Science	356	Therapeutic Services- Emergency Medical Technician	25.x210x; 25.x400x; 25.x600x	EMRT25.2200	Emergency Medical Technician (EMT) - NREMT
Health Science	202	Therapeutic Services - Exercise Physiology	25.x210x; 25.x400x; 25.x540x;	ESSM25.2001	Exercise Science/Sports Medicine - Precision
				CPTR25.2211	Certified Personal Trainer - NASM
				NHSA25.1111	National Health Science Assessment
Health Science	378	Therapeutic Services – Mental Health Professional - <b>NEW</b>	25.x210x; 25.x400x; 25.x700x;		
Health Science	216	Therapeutic Services -Sports Medicine	25.x210x; 25.x400x; 25.x460x;	ESSM25.2001	Exercise Science/Sports Medicine - Precision
				THSM25.2002	Athletic Training Student Aide (OK CareerTech)
				NHSA25.1111	National Health Science Assessment
Health Science	200			TSPC25.0031	Certified Nursing Aide/Assistant (CNA)

## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
		Therapeutic Services: Patient Care	25.x210x; 25.x400x; 25.x360x;	CPCT25.0021	Certified Patient Care Technician - NHA
				NCPC25.1001	National Certified Patient Care Technician - NCCT
				NHSA25.1111	National Health Science Assessment
Health Science	203	Therapeutic Services - Allied Health and Medicine	25.x210x; 25.x400x; 25.x370x;	CMMA25.0021	Certified Medical Administrative Assistant - NHA
				CEKG25.0051	Certified EKG Technician - NHA
				NECG25.0061	National Certified ECG Technician - NCCT
				NCMO25.0052	National Certified Medical Office Assistant - NCCT
				NCPC25.1001	National Certified Patient Care Technician - NCCT
				NHSA25.1111	National Health Science Assessment
				CPCT25.0021	Certified Patient Care Technician - NHA
				NCPT25.0091	National Certified Phlebotomy Technician - NCCT
				THPM25.2221	Pharmacy Technician Certification (CPhT) (NHA)
				FEMA99.2543	FEMA EMI "Community Preparedness" Assessment
				DIAG25.0011	Certified Phlebotomy Technician - NHA
CCMA25.2200	Certified Clinical Medical Assistant - NHA				
Health Science	217			THSS25.2001	Surgical Technology (OK CareerTech)

## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
		Therapeutic Services - Surgical Technology	25.x210x; 25.x400x; 25.x470x;	THSS25.2002	Tech in Surgery-Certified NCCT
				NHSA25.1111	National Health Science Assessment
Health Science	206	Diagnostics/ Phlebotomy	25.x210x; 25.x400x; 25.x740x;	NCPT25.0091	National Certified Phlebotomy Technician - NCCT
				NHSA25.1111	National Health Science Assessment
				DIAG25.0011	Certified Phlebotomy Technician - NHA
Health Science	208	Diagnostics Services/Clinical Lab	25.x210x; 25.x400x; 25.x760x;	DSCL25.0012	Laboratory Assistant (OK CareerTech)
				NHSA25.1111	National Health Science Assessment
Health Science	209	Diagnostics/ Non-Invasive Diagnostic Technology	25.x210x; 25.x400x; 25.x450x;	CEKG25.0051	Certified EKG Technician - NHA
				NECG25.0061	National Certified ECG Technician - NCCT
				NHSA25.1111	National Health Science Assessment
Health Science	210	Health Informatics/Health Information Technology	25.x210x; 25.x950x; 25.x960x;	CTHC99.2511	Certified Telehealth Coordinator
				CTCP99.2511	Certified Telemedicine Clinical Presenter
				CTHL99.2511	Certified Telehealth Liaison

## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
Health Science	201	Health Informatics/Health Information Management/Medical Office	25.x210x; 25.x400x; 25.x970x;	NHSA25.1111	National Health Science Assessment
				HIMO25.1001	NOCTI Health Informatics
				HIMO25.1002	Administrative Medical Assistant (OK CareerTech)
				CMMA25.0021	Certified Medical Administrative Assistant - NHA
				HETH25.1122	Certified Healthcare Hospitality Specialist - HTHU
				NCMO25.0052	National Certified Medical Office Assistant - NCCT
Health Science	205	Biotechnology Research & Development	25.x210x; 25.x700x; 25.x690x;	BTRD25.1001	Biotechnology - Precision
				BTRD25.2022	NOCTI Biotechnology
Health Science	211	Support Services	25.x210x; 25.x400x; 25.x440x;	NHSA25.1111	National Health Science Assessment
<b>Hospitality &amp; Tourism</b>					
Hospitality & Tourism	265	Hospitality, Recreation and Tourism	08.x740x; 08.x530x; 08.x540x;	HSRT08.0011	NOCTI Hospitality Management & Lodging
				HSRT08.0012	NOCTI Lodging
				HSRT08.0013	NOCTI Travel & Tourism



## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
Hospitality & Tourism	374	Hospitality and Hotel Management	08.x530x; 08.x540x; 08.x550x		
Hospitality & Tourism	264	Sports and Entertainment Marketing	08.x740x; 08.x780x; 08.x850x;	FDMC08.0014	Fundamental Marketing Concepts (ASK)
				MEMT08.0011	Marketing Education Management Trainee (OK CareerTech)
				MPOS08.0012	Standard Marketing POS/EOP HS - 3 Credit (MBA Research)
Hospitality & Tourism	376	Entertainment, Sports & Event Management - <b>NEW</b>	08.x540x; 08.x860x; 08.x870x;		
Hospitality & Tourism	377	Baking and Pastry - <b>NEW</b>	20.x310x; 20.x361x; 20.x371x;		
Hospitality & Tourism	221	Culinary Arts	20.x310x; 20.x321x; 20.x331x;	CULA20.0011	Certified Fundamentals Cook - (CFC) (ACF)
				CULA20.0031	Secondary Culinary Graduate Certificate - ACF
				CULA20.0041	Culinary Arts Cook NOCTI - ACF
				CULA20.1051	Basic Culinary Arts (OK CareerTech)
				CULA20.2211	National ProStart Certification

## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
Human Services					
Human Services	304	Nutrition and Food Science	20.x161x; 20.x140x; 20.x181x;	NUFS20.0011	Nutrition, Food, and Wellness Pre-Professional (AAFCS)
				NUFS20.0021	Food Science Pre-Professional (AAFCS)
				NUFS20.0031	ServSafe Food Safety Manager Certification
				NUFS20.0041	ServSafe Food Safety Handler Certification
Human Services	336	Housing and Community Management	20.x330x; 20.x400x; 20.x320x;		
Human Services	230	Interiors, Fashion & Textiles	20.x410x; 20.x450x; 20.x470x;	INTE20.0011	Interior Design Fundamentals Pre-Professional (AAFCS)
				INTE20.0021	NOCTI Interior Decorating and Design
				INTE20.0031	Fashion Strategies - Precision
Human Services	207	Personal Care Services - Cosmetology	12.x440x; 12.x100x; 12.x110x;	COSM12.0011	Licensed Master Cosmetologist
				COSM12.0021	Cosmetology Skill Connect
				COSM12.0031	NOCTI Cosmetology
Human Services	337	Personal Care Services - Barbering	12.x440x; 12.x200x; 12.x210x;		
Human Services	338	Personal Care Services - Esthetics	12.x440x; 12.x300x; 12.x310x;		

## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
Human Services	339	Personal Care Services - Nails	12.x440x; 12.x700x; 12.x710x;	<del>PCSN12.1001</del> <b>DELETE</b>	<del>Nail Care Skill Connect</del> <b>DELETE</b>
Information Technology					
Information Technology	090	Web & Digital Design	(11.x150x OR 11.x460x) ; 11.x510x; 11.x520x;	WBDD11.0041	Adobe Web Communication using Adobe Dreamweaver
				WBDD11.0051	CIW Site Development Associate
				WBDV11.3107	CIW Advanced HTML5 & CSS3 Specialist
				CITS11.3100	Certiport.IT Specialist – HTML and CSS
				CITS11.3101	Certiport IT Specialist – HTML5 Application Development
				WBDD11.0091	W3Schools HMTL Certification
				WBDD11.0092	W3Schools HMTL5 Certification
Information Technology	091	Programming	(11.x150x; OR 11.x460x) (11.x710x; OR 11.x190x); 11.x720x	JAVA11.0011	Java Certified Associate - Oracle
				CITS11.3101	Certiport IT Specialist – HTML5 Application Development
				CITS11.3102	Certiport IT Specialist – Software Development
Information Technology	095	Health Information Technology	25.x210x; 25.x950x; 25.x960x;	CTHC99.2511	Certified Telehealth Coordinator
				CTCP99.2511	Certified Telemedicine Clinical Presenter
				CTHL99.2511	Certified Telehealth Liaison

## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
Information Technology	093	Information Support & Services	11.x140x; (11.x150x OR 11.x480x) ; 11.x200x;	INSS11.0011	NOCTI Information Support & Services
				CITS11.3103	Certiport IT Specialist – Device Configuration and Management
				CITS11.3104	Certiport IT Specialist – Network Security
				INSS11.0031	Computer Repair & Support Technician (OK CareerTech)
Information Technology	092	Networking	(11.x150x; OR 11.x480x) ; 11.x610x; 11.x620x;	NETW11.0011	Computer Networking Technician (OK CareerTech)
				<del>NETW11.0021</del> <b>DELETE</b>	<del>NOCTI Network Systems</del> <b>DELETE</b>
				CITS11.3105	Certiport IT Specialist - Networking
Information Technology	094	Computer Science	(11.x150x OR 11.x460x) (11.x710x OR 11.x190x); 11.x160x;	JAVA11.0011	Java Certified Associate - Oracle
				CITS11.3102	Certiport IT Specialist - Software Development
				COMP11.0071	NOCTI Computer Programming
Information Technology	343	Cybersecurity	(11.x150x OR 11.x480x) ; 11.x810x; 11.x820x;	CYBE11.0011	Security+ Certification - CompTIA

## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
Information Technology	347	Game Design	(11.x150x; OR 11.x460x) (11.x710x OR 11.x190x); 11.x290x;	AMCU11.2011	Autodesk Maya Certified User
				UNCD11.2012	Unity Certified Associate
Information Technology	349	Internet of Things	(11.x150x; OR 11.x460x) (11.x710x OR 11.x190x); 11.x270x;		
Information Technology	357	Cloud Computing	11.x460x; 11.x470x; (11.x710x OR 11.x190x)	CCMP11.2001	AWS Certified Cloud Practitioner - Fundamentals
Information Technology	358	Artificial Intelligence	11.x430x; 11.x440x; 11.x450x		
Information Technology	359	Financial Technology	07.x270x; 07.x280x; 11.x630x		
Information Technology	352	Web Development	(11.x150x; OR 11.x460x) ; (11.x710x	WBDD11.0051	CIW Site Development Associate
				WBDV11.3107	CIW Advanced HTML5 & CSS3 Specialist

## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
			OR 11.x190x) ; 11.x250x		
Law, Public Safety, Corrections & Security					
<b>Law, Public Safety, Corrections &amp; Security</b>	<b>250</b>	Corrections Services	43.x500x; 43.x510x; 43.x570x;	NCRJ43.0009	NOCTI Criminal Justice
				LAW43.0010	Law Enforcement - Precision
				CRMJ43.0021	Criminal Justice Skill Connect
				<b>NCRS43.2252 NEW</b>	National Law Enforcement Certification (STACC) <b>NEW</b>
				LPSS43.0011	National Law, Public Safety, Security & Corrections Core (LPSSC)
<b>Law, Public Safety, Corrections &amp; Security</b>	<b>258</b>	Security and Protective Services	43.x500x; 43.x510x; 43.x580x;	NCRJ43.0009	NOCTI Criminal Justice
				CRMJ43.0021	Criminal Justice Skill Connect
				<b>NCRS43.2252 NEW</b>	National Law Enforcement Certification (STACC) <b>NEW</b>
				LPSS43.0011	National Law, Public Safety, Security & Corrections Core (LPSSC)
<b>Law, Public Safety, Corrections &amp; Security</b>	<b>254</b>	Law Enforcement Services / Criminal Investigations	43.x500x; 43.x510x; 43.x530x;	NCRJ43.0009	NOCTI Criminal Justice
				LAW43.0010	Law Enforcement - Precision
				CRMJ43.0021	Criminal Justice Skill Connect
				<b>NCRS43.2252 NEW</b>	National Law Enforcement Certification (STACC) <b>NEW</b>

## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
				LPSS43.0011	National Law, Public Safety, Security & Corrections Core (LPSSC)
Law, Public Safety, Corrections & Security	255	Law Enforcement Services / Forensic Science	43.x500x; 43.x510x; 43.x520x;	NCRJ43.0009	NOCTI Criminal Justice
				LAW43.0010	Law Enforcement - Precision
				CRMJ43.0021	Criminal Justice Skill Connect
				<b>NCRS43.2252 NEW</b>	<b>National Law Enforcement Certification (STACC) NEW</b>
				LPSS43.0011	National Law, Public Safety, Security & Corrections Core (LPSSC)
Law, Public Safety, Corrections & Security	346	Law Enforcement Services / Public Safety Communications	43.x500x; 43.x510x; 43.x620x;	FEMA99.2543	FEMA EMI “Community Preparedness” Assessment
				<b>NCRS43.2252 NEW</b>	<b>National Law Enforcement Certification (STACC) NEW</b>
Law, Public Safety, Corrections & Security	251	Fire and Emergency Services/Emergency Medical Responder	43.x500x; 43.x600x; 25.x500x;	EMRR99.2543	Emergency Medical Responder (EMR) - NREMT
				FEMA99.2543	FEMA EMI “Community Preparedness” Assessment
Law, Public Safety, Corrections & Security	360	Fire and Emergency Services/Emergency Medical Technician	43.x500x; 43.x600x; 25.x600x;	EMRT25.2200	Emergency Medical Technician (EMT) – NREMT
	252	Fire and Emergency Services/Firefighting		FEMA99.2543	FEMA EMI “Community Preparedness” Assessment

## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
Law, Public Safety, Corrections & Security			43.x500x; 43.x600x; 43.x400x;	FESS43.0022	NOCTI Emergency & Fire Management Services
Law, Public Safety, Corrections & Security	253	Fire and Emergency Services/Public Safety Communications	43.x500x; 43.x600x; 43.x620x;	FEMA99.2543	FEMA EMI "Community Preparedness" Assessment
Law, Public Safety, Corrections & Security	256	Legal Services/Applications of Law	43.x500x; 43.x540x; 43.x550x;		
Law, Public Safety, Corrections & Security	257	Legal Services/Legal Administrative Services	43.x500x; 43.x540x; 43.x560x;	LESL43.1001	Legal Office Assistant (OK CareerTech)
<b>Manufacturing</b>					
Manufacturing	275	Manufacturing	21.x410x; 21.x450x; 21.x440x;	<del>MANU21.0011</del>	Automated Manufacturing Technology Skill Connect <del>DELETE</del>
				<del>MANU21.0021</del>	Robotics and Automation Skill Connect <del>DELETE</del>
				MANU21.0051	NOCTI Manufacturing Technology
				MANU21.0061	Manufacturing, Introduction - Precision
Manufacturing	276	Mechatronics	21.x620x; 21.x630x; 21.x640x;	<del>MECH21.1001</del>	Mechatronics Skill Connect <del>DELETE</del>
				MECH21.1002	NOCTI Mechatronics-Level 1



## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
Manufacturing	345	Granite Technology	47.x540x; 47.x550x; 47.x560x;		
Manufacturing	373	Industrial Maintenance	46.x100x; 46.x200x; 46.x300x;		
Marketing					
Marketing	371	Start-Up Entrepreneurship	06.x510x; 06.x520x; 06.x530x;		
Marketing	261	Marketing and Management	08.x740x; 08.x410x; 08.x420x;	FDMC08.0014	Fundamental Marketing Concepts (ASK)
				MEMT08.0011	Marketing Education Management Trainee (OK CareerTech)
				MPOS08.0012	Standard Marketing POS/EOP HS - 3 Credit (MBA Research)
Marketing	262	Fashion, Merchandising and Retail Management	08.x740x; 08.x210x; 08.x220x;	FASH08.0011	NOCTI Retail Merchandising
				FDMC08.0014	Fundamental Marketing Concepts (ASK)
				MEMT08.0011	Marketing Education Management Trainee (OK CareerTech)
				MPOS08.0012	Standard Marketing POS/EOP HS - 3 Credit (MBA Research)
Marketing	263			FDMC08.0014	Fundamental Marketing Concepts (ASK)

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Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
		Marketing Communications and Promotions	08.x740x; 08.x510x; 08.x520x;	MEMT08.0011	Marketing Education Management Trainee (OK CareerTech)
				MPOS08.0012	Standard Marketing POS/EOP HS - 3 Credit (MBA Research)
<b>Science, Technology, Engineering &amp; Mathematics (STEM)</b>					
Science, Technology, Engineering & Mathematics (STEM)	340	Electronics	21.x520x; 21.x530x; 21.x540x;	ELEC21.0011	NOCTI Electronic Technology
				<del>ELEC21.0012</del> <b>DELETE</b>	<del>Electronics Applications/Electronics Technology Skill Connect</del> <b>DELETE</b>
Science, Technology, Engineering & Mathematics (STEM)	270	Engineering and Technology	21.x250x; 21.x710x; 21.x720x;	ENGS21.0012	Engineering State Developed Exam - NOCTI
				<del>ENGT21.0022</del> <b>DELETE</b>	<del>Engineering Technology Skill Connect</del> <b>DELETE</b>
Science, Technology, Engineering & Mathematics (STEM)	273	Engineering Drafting and Design	48.x410x; 48.x420x; 48.x430x;	ENGD48.0011	ADDA Certified Mechanical Drafter
				ENGD48.0021	ADDA Certified Apprentice Mechanical Drafter
				ENGD48.0031	Autodesk Inventor Certified User Exam
				ENGD48.0061	Autodesk AutoCAD Certified User
				<del>ENGD48.0041</del> <b>DELETE</b>	<del>Technical Drafting Skill Connect</del> <b>DELETE</b>
				ENGD48.1022	NOCTI Technical Drafting

## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
				ENGD48.0051	Certified SolidWorks Associate (CSWA)
Transportation, Distribution and Logistics					
<b>Transportation, Distribution and Logistics</b>	<b>350</b>	Maintenance and Light Repair	47.x311x; 47.x321x; 47.x331x;	ASES47.0021	ASE Electrical/Electronic Systems
				ASAC47.0031	ASE Heating and Air Conditioning
				ASNS47.0041	ASE Suspension and Steering
				ASEB47.0051	ASE Brakes
				ASEP47.0061	ASE Engine Performance
				ASER47.0071	ASE Engine Repair
				ASAT47.0081	ASE Automatic Transmission/Transaxle
				ASMD47.0091	ASE Manual Drive Train and Axles
				AAST47.1101	ASE Automobile Service Technology
				ASML47.0101	ASE Maintenance and Light Repair
<b>Transportation, Distribution and Logistics</b>	<b>062</b>	Automobile Service Technology	47.x340x; 47.x350x; 47.x360x;	ASES47.0021	ASE Electrical/Electronic Systems
				ASAC47.0031	ASE Heating and Air Conditioning
				ASNS47.0041	ASE Suspension and Steering
				ASEB47.0051	ASE Brakes
				ASEP47.0061	ASE Engine Performance
				ASER47.0071	ASE Engine Repair
				ASAT47.0081	ASE Automatic Transmission/Transaxle
				ASMD47.0091	ASE Manual Drive Train and Axles
				AAST47.1101	ASE Automobile Service Technology

## FY2025 CTAE End-of-Pathway Assessment Codes/Descriptions, Courses, Exam Codes and Exam Titles

Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
				ASML47.0101	ASE Maintenance and Light Repair
Transportation, Distribution and Logistics	045	Marine Engine Technology	47.x800x; 47.x810x; 47.x820x;	<del>MAET47.0011</del> <b>DELETE</b>	<del>Marine Service Technology Skill Connect</del> <b>DELETE</b>
Transportation, Distribution and Logistics	060	Collision Repair (Painting and Refinishing)	47.x650x; 47.x660x; 47.x670x;	ACRR47.0011	ASE Collision Repair & Refinishing: Painting and Refinishing
				ACRE47.0021	ASE Collision Repair & Refinishing: Structural Analysis and Damage Repair
				ANSA47.0031	ASE Collision Repair & Refinishing: Non-Structural Analysis and Damage Repair
				ACME47.0041	ASE Collision Repair & Refinishing: Mechanical and Electrical Components
Transportation, Distribution and Logistics	061	Collision Repair (Non-Structural Analysis and Damage Repair)	47.x650x; 47.x680x; 47.x690x;	ACRR47.0011	ASE Collision Repair & Refinishing: Painting and Refinishing
				ACRE47.0021	ASE Collision Repair & Refinishing: Structural Analysis and Damage Repair
				ANSA47.0031	ASE Collision Repair & Refinishing: Non-Structural Analysis and Damage Repair
				ACME47.0041	ASE Collision Repair & Refinishing: Mechanical and Electrical Components
Transportation, Distribution and Logistics	051	Flight Operations	47.x600x; 47.x880x; 47.x890x;	FLOP47.0011	FAA Private Pilot Airplane Written Exam

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Transportation, Distribution and Logistics	050	Aviation Maintenance	47.x600x; 47.x620x; 47.x630x;		
Transportation, Distribution and Logistics	064	Master Automobile Service Technology	47.x370x; 47.x380x; 47.x390x;	ASES47.0021	ASE Electrical/Electronic Systems
				ASAC47.0031	ASE Heating and Air Conditioning
				ASNS47.0041	ASE Suspension and Steering
				ASEB47.0051	ASE Brakes
				ASEP47.0061	ASE Engine Performance
				ASER47.0071	ASE Engine Repair
				ASAT47.0081	ASE Automatic Transmission/Transaxle
				ASMD47.0091	ASE Manual Drive Train and Axles
				AAST47.1101	ASE Automobile Service Technology
Transportation, Distribution and Logistics	063	Distribution & Logistics	47.x701x; 47.x711x; 47.x721x;	CLAM99.0747	MSSC Certified Logistics Associate (CLA)
				CLTM99.0747	MSSC Certified Logistics Technician (CLT)
Transportation, Distribution and Logistics	361	General Automotive Technology	47.x500x; 47.x510x; 47.x520x	ASML47.0101	ASE Maintenance and Light Repair
				ASES47.0021	ASE Electrical/Electronic Systems
				ASAC47.0031	ASE Heating and Air Conditioning
				ASNS47.0041	ASE Suspension and Steering
				ASEB47.0051	ASE Brakes
				ASEP47.0061	ASE Engine Performance
ASER47.0071	ASE Engine Repair				

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Cluster Area (GEORGIA)	Pathway Code	Pathway Description	Specific courses to include	ASSESSMENT CODE	END-OF-PATHWAY ASSESSMENT (EOPA) EXAM TITLE
				ASAT47.0081	ASE Automatic Transmission/Transaxle
				ASMD47.0091	ASE Manual Drive Train and Axles
				AAST47.1101	ASE Automobile Service Technology
<b>Transportation, Distribution and Logistics</b>	<b>362</b>	Advanced Automotive Technology	47.x440x; 47.x450x; 47.x460x		
<b>Transportation, Distribution and Logistics</b>	<b>363</b>	Automotive Service Technology Internship	47.x390x; 47.x400x; 47.x410x		
<b>Transportation, Distribution and Logistics</b>	<b>364</b>	Unmanned Aircraft Systems	47.x600x; 47.x880x; 47.x891x		
<b>Transportation, Distribution and Logistics</b>	<b>375</b>	Powersport and Small Engine Maintenance & Repair	47.x900x; 47.x910x; 47.x920x		