#### **CTAE PATHWAY**

## **COURSE NUMBER**

Construction (Carpentry)	46.04500	Occupational Safety and Fundamentals
Construction (Carpentry)	46.04500	Industry Fundamentals and Occupational Safety
Construction (Carpentry)	46.04600	Introduction to Construction
Construction (Carpentry)	46.05000	Carpentry I
Construction (Carpentry)	46.05100	Carpentry II
Construction (Masonry)	46.04500	Occupational Safety and Fundamentals
Construction (Masonry)	46.04500	Industry Fundamentals and Occupational Safety
Construction (Masonry)	46.04600	Introduction to Construction
Construction (Masonry)	46.07000	Masonry I
Construction (Masonry)	46.07100	Masonry II
Construction (Electrical)	46.04500	Occupational Safety and Fundamentals
Construction (Electrical)	46.04500	Industry Fundamentals and Occupational Safety
Construction (Electrical)	46.04600	Introduction to Construction
Construction (Electrical)	46.06000	Electrical I
Construction (Electrical)	46.06100	Electrical II
Construction (Plumbing)	46.04500	Occupational Safety and Fundamentals
Construction (Plumbing)	46.04500	Industry Fundamentals and Occupational Safety
Construction (Plumbing)	46.04600	Introduction to Construction
Construction (Plumbing)	46.08000	Plumbing I
Construction (Plumbing)	46.08100	Plumbing II
Fine Furniture/Cabinetmaking	46.05400	Fine Furniture/Cabinetmaking I
Fine Furniture/Cabinetmaking	46.05500	Fine Furniture/Cabinetmaking II
Fine Furniture/Cabinetmaking	46.05600	Fine Furniture/Cabinetmaking III
Animation and Digital Media	48.02100	Introduction to Digital Media
Animation and Digital Media	48.02200	Principles and Concepts of Animation
Animation and Digital Media	48.02300	Advanced Animation, Game and App Design
Animation and Digital Media	48.02400	Animation Practicum Capstone
Architectural Drawing & Design	48.04100	Introduction to Engineering Drawing & Design
Architectural Drawing & Design	48.04100	Introduction to Drafting & Design
Architectural Drawing & Design	48.04500	Architectural Drawing & Design I
Architectural Drawing & Design	48.04600	Architectural Drawing & Design II
Graphic Communications	48.06100	Introduction to Graphics and Design
Graphic Communications	48.06200	Graphic Design & Production
Graphic Communications	48.06900	Graphic Output Process
Graphic Communications	48.07000	Advanced Graphic Output Processes
Graphic Design	48.06100	Introduction to Graphics and Design
Graphic Design	48.06200	Graphic Design & Production
Graphic Design	48.02800	Advanced Graphic Design
Broadcast /Video Production	10.01110	Broadcast/Video Production I
Broadcast /Video Production	10.01210	Broadcast/Video Production II
Broadcast /Video Production	10.01310	Broadcast/Video Production III
Audio Video Technology & Film	10.01810	Audio Video Technology & Film I
Audio Video Technology & Film	10.01910	Audio Video Technology & Film II
Audio Video Technology & Film	10.02010	Audio Video Technology & Film III
Metals (Machining Operations)	46.04500	Occupational Safety and Fundamentals
Metals (Machining Operations)	46.04500	Industry Fundamentals and Occupational Safety
Metals (Machining Operations)	48.08100	Introduction to Metals

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## **COURSE NUMBER**

Metals (Machining Operations)	48.09000	Machining Operations I
Metals (Machining Operations)	48.09100	Machining Operations II
Metals (Welding)	46.04500	Occupational Safety and Fundamentals
Metals (Welding)	46.04500	Industry Fundamentals and Occupational Safety
Metals (Welding)	48.08100	Introduction to Metals
Metals (Welding)	48.05100	Welding I
Metals (Welding)	48.05200	Welding II
Metals (Sheet Metal)	46.04500	Occupational Safety and Fundamentals
Metals (Sheet Metal)	46.04500	Industry Fundamentals and Occupational Safety
Metals (Sheet Metal)	48.08100	Introduction to Metals
Metals (Sheet Metal)	48.08200	Sheet Metal I
Metals (Sheet Metal)	48.08300	Sheet Metal II
HVACR	46.04500	Occupational Safety and Fundamentals
HVACR	46.04500	Industry Fundamentals and Occupational Safety
HVACR	47.01000	Introduction to Mechanical Systems
HVACR	47.01400	Introduction to HVACR Systems
HVACR	47.01500	Heating, Ventilation, Air Conditioning and Refrigeration
HVACR	47.01100	HVACR I
HVACR	47.01300	HVACR II
HVACR Low Voltage Electrical	46.04500	Occupational Safety and Fundamentals
HVACR Low Voltage Electrical	46.04500	Industry Fundamentals and Occupational Safety
HVACR Low Voltage Electrical	47.01000	Introduction to Mechanical Systems
HVACR Low Voltage Electrical	47.01400	Introduction to HVACR Systems
HVACR Low Voltage Electrical	47.01800	Low Voltage Electrical I
HVACR Low Voltage Electrical	47.01900	Low Voltage Electrical II
Maintenance and Light Repair (Old TL Operations)	47.07100	Foundations of Transportation & Logistic
Maintenance and Light Repair	47.07600	Electrical/Electronics Systems and Design
Maintenance and Light Repair	47.07910	Heating, Ventilation & Air Conditioning Concepts
Maintenance and Light Repair	47.03100	Basic Maintenance and Light Repair
Maintenance and Light Repair	47.03110	Basic Maintenance and Light Repair
Maintenance and Light Repair	47.03200	Maintenance and Light Repair 2
Maintenance and Light Repair	47.03210	Maintenance and Light Repair 2
Maintenance and Light Repair	47.03300	Maintenance and Light Repair 3
Maintenance and Light Repair	47.03310	Maintenance and Light Repair 3
Maintenance and Light Repair (Old TL Support)	47.07100	Foundations of Transportation & Logistic
Maintenance and Light Repair	47.07600	Electrical/Electronics Systems and Design
Maintenance and Light Repair	47.07700	Chasis System and Design
Maintenance and Light Repair	47.03100	Basic Maintenance and Light Repair
Maintenance and Light Repair	47.03110	Basic Maintenance and Light Repair
Maintenance and Light Repair	47.03210	Maintenance and Light Repair 2
Maintenance and Light Repair	47.03200	Maintenance and Light Repair 2
Maintenance and Light Repair	47.03310	Maintenance and Light Repair 3
Maintenance and Light Repair	47.03300	Maintenance and Light Repair 3
Automobile Service Technology	47.03400	Automobile Service Technology 4
Automobile Service Technology	47.03500	Automobile Service Technology 5

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### **COURSE NUMBER**

Automobile Service Technology	47.03600	Automobile Service Technology 6
Automobile Service Technology	47.03700	Automobile Service Technology 7
Automobile Service Technology	47.03800	Automobile Service Technology 8
Automobile Service Technology	47.03900	Automobile Service Technology Internship
Granite Technology	47.05400	Occupational Safety of Granite
Granite Technology	47.05500	Introduction to Granite
Granite Technology	47.05600	Applications in Granite Industry
Distribution & Logistics	07.09100	Fundamentals of Logistics
Distribution & Logistics	47.07000	Logistics Fundamentals
Distribution & Logistics	47.07010	Logistics Fundamentals
Distribution & Logistics	47.07100	Logistics Operations
Distribution & Logistics	47.07110	Logistics Operations
Distribution & Logistics	07.09200	Business Logistics Operations
Distribution & Logistics	07.09300	Logistics Materials Management
Distribution & Logistics	47.07210	Materials Management
Distribution & Logistics	47.07200	Materials Management
Marine Engine Technology	47.08000	Foundations of Marine Engine Technology
Marine Engine Technology	47.08100	Marine Electrical Systems
Marine Engine Technology	47.08200	Marine Engine Drive System
Marine Studies	47.08400	Fundamentals of Maritime Studies
Marine Studies	47.08410	Fundamentals of Maritime Studies
Marine Studies	47.08500	Maritime Industry Careers
Marine Studies	47.08600	Maritime Studies Applications
Aviation Maintenance	47.06100	Fundamentals of Aviation
Aviation Maintenance	47.06000	Fundamentals of Aerospace
Aviation Maintenance	47.06200	Aviation Maintenance I
Aviation Maintenance	47.06300	Aviation Maintenance II
Flight Operations	47.06100	Fundamentals of Aviation
Flight Operations	47.06000	Fundamentals of Aerospace
Flight Operations	47.06500	Navigation and Communication
Flight Operations	47.06510	Navigation and Communication
Flight Operations	47.06800	Flight Operations I
Flight Operations	47.06600	Aviation Meteorology
Flight Operations	47.06900	Flight Operations II
Flight Operations	47.06610	Aviation Meteorology
Flight Operations	47.06700	Aeroscholars Aviation Ground
Flight Operations	47.06710	Aeroscholars Aviation Ground
Collision Repair (Non Structural Analysis and Damage	47.06500	Introduction to Collision Repair
Repair)		· ·
Collision Repair (Non Structural Analysis and Damage	47.06800	Non Structural Analysis and Damage Repair I
Repair		
Collision Repair (Non Structural Analysis and Damage	47.06900	Non Structural Analysis and Damage Repair II
Repair)		,
Collision Repair (Painting & Refinishing)	47.06500	Introduction to Collision Repair
Collision Repair (Painting & Refinishing)	47.06600	Painting & Refinishing I
Collision Repair (Painting & Refinishing)	47.06700	Painting & Refinishing II
Teaching as a Profession	13.01100	Examining the Teaching Profession
reaching as a riviession	172.01100	LAGITHING THE TEACHING FLOTESSION

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### **COURSE NUMBER**

Teaching as a Profession	13.01200	Contemporary Issues in Education
Teaching as a Profession	13.02100	Teaching as a Profession Internship
Teaching as a Profession	13.01300	Teaching as a Profession Practicum
Early Childhood Education	20.02320	Human Growth & Development for Early Childhood
Early Childhood Education	20.02400	Early Childhood Education II
Early Childhood Education	20.02510	Introduction to Early Childhood Care and Education
Early Childhood Education	20.02810	Early Childhood Education I
Early Childhood Education	20.02610	Health, Safety, & Nutrition for the Young Child
Early Childhood Education	20.02500	Early Childhood Education III
Early Childhood Education	20.02600	Early Childhood Education Practicum
Entrepreneurship	07.04130	Introduction to Business and Technology
Entrepreneurship	06.01610	Entrepreneurship
Entrepreneurship	06.01700	Entrepeneurial Ventures
Entrepreneurship	06.01500	Legal Enviroment of Business
Entrepreneurship	06.01600	Business Essentials
Entrepreneurship	06.01800	Human Resource Principles
Business Accounting	07.04130	Introduction to Business and Technology
Business Accounting	07.01100	Principles of Accounting I
Business Accounting	07.02600	Financial Literacy
Human Resources Management	07.04130	Introduction to Business and Technology
Human Resources Management	06.01500 06.01800	Legal Environment of Business Human Resources Principles
Human Resources Management Business and Technology	07.04100	Business and Technology
Business and Technology	07.04100	Business Communications
Business and Technology	07.03100	Introduction to Business and Technology
Business and Technology	07.04110	Computer Applications I
Business and Technology	07.04120	Computer Applications II
Business and Technology	07.08310	Business Communication and Presentation
Business Logistics Management	07.09100	Fundamentals of Logistics
Business Logistics Management	07.09200	Business Logistics Operations
Business Logistics Management	07.09300	Logistics Materials Management
Advanced Accounting	06.01600	Business Essentials
Advanced Accounting	07.04130	Introduction to Business and Technology
Advanced Accounting	07.01100	Principles of Accounting I
Advanced Accounting	07.01200	Principles of Accounting II
Financial Services	06.01600	Business Essentials
Financial Services	07.04130	Introduction to Business and Technology
Financial Services	07.03100	Banking, Investing, and Insurance
Financial Services	07.02600	Financial Literacy
Financial Services	07.02110	Banking and Investing
Financial Services	07.02300	Insurance and Risk Management
Web & Digital Design	11.01300	Computing in the Modern World
Web & Digital Design	11.01500	Introduction to Digital Technology
Web & Digital Design	11.05100	Digital Design
Web & Digital Design	11.05200	Web Design
Web & Digital Design	11.03100	Fundamental of Web Design
Web & Digital Design	11.03200	Advanced Web Design

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	1	I
Computer Science	11.01500	Introduction to Digital Technology
Computer Science	11.07100	Computer Science Principles
Computer Science	11.01600	AP Computer Science
Programming	11.01300	Computing in the Modern World
Programming	11.07200	Programming, Apps, Games, & Society
Programming	11.07100	Computer Science Principles
Programming	11.01500	Introduction to Digital Technology
Programming	11.01800	Beginning Programming
Programming	11.02100	Intermediate Programming
Networking	11.01400	Information Technology Essentials
Networking	11.01500	Introduction to Digital Technology
Networking	11.06100	Networking Fundamentals
Networking	11.06200	Network Systems and Support
Networking	11.02000	Information Technology Support
Networking	11.02200	Network Systems
Information Support & Services	11.01300	Computing in the Modern World
Information Support & Services	11.01500	Introduction to Digital Technology
Information Support & Services	11.01400	Information Technology Essentials
Information Support & Services	11.02000	Information Technology Support
Cybersecurity	11.01500	Introduction to Digital Technology
Cybersecurity	11.08100	Introduction to Cybersecurity
Cybersecurity	11.08200	Advanced Cybersecurity
Therapeutic Services - Patient Care (Nursing)	25.02100	Introduction to Healthcare Science
Therapeutic Services - Patient Care (Nursing)	25.04000	Essentials of Healthcare
Therapeutic Services - Patient Care (Nursing)	25.03600	Patient Care Fundamentals
Therapeutic Services - Patient Care (Nursing)	25.04900	Patient Care Technician
Therapeutic Services - Patient Care (Nursing)	25.02200	Application of Therapeutic Services
Therapeutic Services - Patient Care (Nursing)	25.06100	Nursing Essentials
Health Informatics/Health Information	25.02100	Introduction to Healthcare Science
Management/Medical		
Health Informatics/Health Information	25.04000	Essentials of Healthcare
Management/Medical		
Health Informatics/Health Information	25.09700	Health Information Management/Medical Office
Management/Medical		
Health Informatics/Health Information	25.09100	Medical Terminology in Healthcare Systems
Management/Medical		,
Health Informatics/Health Information	25.09200	Applications of Health Informatics
Management/Medical		
Health Informatics/Health IT	25.02100	Introduction to Healthcare Science
Health Informatics/Health IT	25.09500	Essentials of Health IT
Health Informatics/Health IT	25.09600	Applications of Heatlh IT
Therapeutic Services - Exercise Physiology	25.02100	Introduction to Healthcare Science
Therapeutic Services - Exercise Physiology	25.04000	Essentials of Healthcare
Therapeutic Services - Exercise Physiology	25.05400	Fundamentals of Exercise Physiology
Therapeutic Services - Exercise Physiology	25.08000	Principles of Physical Medicine
Therapeutic Services - Exercise Physiology	25.08100	Concepts of Physical Medicine
Therapeutic Services - Sports Medicine	25.02100	Introduction to Healthcare Science

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### **COURSE NUMBER**

Therapeutic Services - Sports Medicine	25.04000	Essentials of Healthcare
Therapeutic Services - Sports Medicine	25.08000	Principles of Physical Medicine
Therapeutic Services - Sports Medicine	25.08100	Concepts of Physical Medicine
Therapeutic Services - Sports Medicine	25.04600	Sports Medicine
Therapeutic Services - Allied Health and	25.02100	Introduction to Healthcare Science
Medicine	23.02100	introduction to relatificate science
	25.04000	Essentials of Healthcare
Therapeutic Services - Allied Health and Medicine	25.04000	Essentials of Healthcare
	25.03700	Alliad Haalth and Madiaina
Therapeutic Services - Allied Health and	25.03700	Allied Health and Medicine
Medicine The ground state Commission Alliand Health and	25 02200	Analisation of Thomas anti- Comissa
Therapeutic Services - Allied Health and	25.02200	Application of Therapeutic Services
Medicine	25.02500	
Therapeutic Services - Allied Health and	25.02500	General Medicine
Medicine		
Therapeutic Services - Emergency Medical	25.02100	Introduction to Healthcare Science
Responder		
Therapeutic Services - Emergency Medical	25.04000	Essentials of Healthcare
Responder		
Therapeutic Services - Emergency Medical	25.05000	Emergency Medical Responder
Responder		
Therapeutic Services - Emergency Medical	25.06200	Concepts of Emergency Medicine
Responder		
Therapeutic Services - Emergency Medical	25.06400	Emergency and Disaster Preparedness
Responder		
Therapeutic Services - Public Safety	25.02100	Introduction to Healthcare Science
Communications		
Therapeutic Services - Public Safety	25.04000	Essentials of Healthcare
Communications		
Therapeutic Services - Public Safety	25.06200	Concepts of Emergency Medicine
Communications		
Therapeutic Services - Public Safety	25.06400	Emergency and Disaster Preparedness
Communications		
Therapeutic Services - Public Safety	43.06200	Public Safety Communications
Communications		
Biotechnology Research & Development	25.02100	Introduction to Healthcare Science
Biotechnology Research & Development	25.07000	Essentials of Biotechnology
Biotechnology Research & Development	25.06800	Introduction to Biotechnology
Biotechnology Research & Development	25.06900	Applications of Biotechnology
Diagnositc Services/Clinical Lab	25.02100	Introduction to Healthcare Science
Diagnositc Services/Clinical Lab	25.04000	Essentials of Healthcare
Diagnositc Services/Clinical Lab	25.04000 25.07600	Clinical Lab I
Diagnositc Services/Clinical Lab	25.07600	Clinical Lab I
Diagnositc Services/Clinical Lab Diagnositc Services/Clinical Lab	25.07600 25.07700	Clinical Lab I Clinical Lab II Basic Diagnostic Services
Diagnositc Services/Clinical Lab Diagnositc Services/Clinical Lab Diagnositc Services/Clinical Lab	25.07600 25.07700 25.06500	Clinical Lab I Clinical Lab II
Diagnositc Services/Clinical Lab Diagnositc Services/Clinical Lab Diagnositc Services/Clinical Lab Diagnositc Services/Clinical Lab	25.07600 25.07700 25.06500 25.06600	Clinical Lab I Clinical Lab II Basic Diagnostic Services Clinical Laboratory Technology
Diagnositc Services/Clinical Lab Diagnositc Services/Clinical Lab Diagnositc Services/Clinical Lab Diagnositc Services/Clinical Lab Diagnostics/Phlebotomy	25.07600 25.07700 25.06500 25.06600 25.02100	Clinical Lab I Clinical Lab II Basic Diagnostic Services Clinical Laboratory Technology Introduction to Healthcare Science

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## COURSE NUMBER

Diagnostics/Phlebotomy	25.06600	Clinical Laboratory Technology
Diagnostics/Phlebotomy	25.07400	Diagnostics Phlebotomy
Diagnostics/Non-Invasive Diagnostic	25.02100	Introduction to Healthcare Science
Technology		
Diagnostics/Non-Invasive Diagnostic	25.02200	Application of Therapeutic Services
Technology		
Diagnostics/Non-Invasive Diagnostic	25.04000	Essentials of Healthcare
Technology		
Diagnostics/Non-Invasive Diagnostic	25.04500	Non-Invasive Diagnostic Technology
Technology		, , , , , , , , , , , , , , , , , , ,
Support Services	25.02100	Introduction to Healthcare Science
Suport Services	25.02200	Application of Therapeutic Services
Support Services	25.04000	Essentials of Healthcare
Support Services	25.04400	Healthcare Support Services
Therapeutic Services-Surgical Technology	25.02100	Introduction to Healthcare Science
Therapeutic Services-Surgical Technology	25.02200	Application of Therapeutic Services
Therapeutic Services-Surgical Technology	25.04000	Essentials of Healthcare
Therapeutic Services-Surgical Technology	25.04700	Surgical Technician I
Therapeutic Services-Surgical Technology	25.04800	Surgical Technician II
Therapeutic Services - Pharmacy	25.02100	Introduction to Healthcare Science
Therapeutic Services - Pharmacy	25.02200	Application of Therapeutic Services
Therapeutic Services - Pharmacy	25.07100	Pharmacy Operations and Fundamentals
Therapeutic Services - Pharmacy	25.07200	Medical Calculations and Drug Administration
Therapeutic Services - Pharmacy	25.07300	Pre-Pharmacy Technology Internship
Therapeutic Services - Pharmacy	25.04000	Essentials of Healthcare
Therapeutic Services - Pharmacy	25.05300	Pharmacy Operations and Fundamentals
Therapeutic Services - Dental Science	25.08000	Introduction to Dental Science
Therapeutic Services - Dental Science	25.08210	Dental Science Technology I
Therapeutic Services - Dental Science	25.08300	Dental Science Technology II
Therapeutic Services - Dental Science	25.08400	Dental Science Technology Internship
Therapeutic Services - Dental Science	25.02100	Introduction to Healthcare Science
Therapeutic Services - Dental Science	25.08800	Essentials of Dental Science
Therapeutic Services - Dental Science	25.08900	Dental Science II
Therapeutic Services - Public Health	25.02100	Introduction to Healthcare Science
Therapeutic Services - Public Health	25.02200	Application of Therapeutic Services
Therapeutic Services - Public Health	25.03000	Introduction to Public Health
Therapeutic Services - Public Health	25.03100	Advanced Public Health
Therapeutic Services - Public Health	25.03200	Internship in Public Health
Therapeutic Services - Public Health	25.04000	Essentials of Healthcare
Therapeutic Services - Public Health	25.05200	Applications of Public Health
Personal Care Services - Cosmetology	12.04400	Introduction to Personal Care Services
Personal Care Services - Cosmetology	12.01000	Cosmetology Services 2
Personal Care Services - Cosmetology	12.01100	Cosmetology Services 3
Personal Care Services - Cosmetology	12.04500	Cosmetology Services Core I
Personal Care Services - Cosmetology	12.04600	Cosmetology Services Core II
Personal Care Services - Cosmetology	12.04800	Cosmetology Services Core III
Personal Care Services - Barbering	12.04400	Introduction to Personal Care Services

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## **COURSE NUMBER**

Personal Care Services - Barbering	12.02000	Barbering 2
Personal Care Services - Barbering	12.02100	Barbering 3
Personal Care Services - Esthetics	12.04400	Introduction to Personal Care Services
Personal Care Services - Esthetics	12.03000	Esthetics Services 2
Personal Care Services - Esthetics	12.03100	Esthetics Services 3
Personal Care Services - Nails	12.04400	Introduction to Personal Care Services
Personal Care Services - Nails	12.07000	Nails Care Services 2
Personal Care Services - Nails	12.07100	Nails Care Services 3
Culinary Arts	20.03100	Introduction to Culinary Arts
Culinary Arts	20.03210	Culinary Arts I
Culinary Arts	20.03310	Culinary Arts II
Nutrition and Food Science	20.01610	Food, Nutrition & Wellness
Nutrition and Food Science	20.01710	Food & Nutrition Through the Lifespan
Nutrition and Food Science	20.01400	Food for Life
Nutrition and Food Science	20.01810	Food Science
Housing and Community Management	20.03000	Consumer Finance
Housing and Community Management	20.03300	Managing Diverse Property Types
Housing and Community Management	20.05100	Consumer Awareness
Housing and Community Management	20.04000	Introduction to Consumer Relations
Housing and Community Management	20.05200	Consumer Skills
Housing and Community Management	20.03200	Housing and Community Management
Interiors, Fashion & Textiles	20.04100	Foundations of Interior Design
Interiors, Fashion & Textiles	20.04200	Interior Design Furnishings, Materials, and Components
Interiors, Fashion & Textiles	20.04500	Fundamentals of Fashion
Interiors, Fashion & Textiles	20.04700	Textile Science
Law Enforcement Services/ Forensic Science	43.05000	Introduction to Law, Public Safety Corrections and Security
Law Enforcement Services/ Forensic Science	43.05100	Criminal Justice Essentials
Law Enforcement Services/ Forensic Science	43.05200	Forensic Science and Criminal Investigations
Law Enforcement Services/ Forensic Science	43.03000	Introduction to Law & Justice
Law Enforcement Services/ Forensic Science	43.03300	Criminal Investigation and Forensics
Law Enforcement Services/ Forensic Science	43.03500	Law, Community Response and Policing
Law Enforcement/Criminal Investigations	43.05000	Introduction to Law, Public Safety Corrections and Security
Law Emorcement/Chiminal investigations	45.03000	introduction to Law, Public Safety Corrections and Security
Law Enforcement/Criminal Investigations	43.05100	Criminal Justice Essentials
Law Enforcement/Criminal Investigations	43.03000	Introduction to Law & Justice
Law Enforcement/Criminal Investigations	43.03300	Criminal Investigation and Forensics
Law Enforcement/Criminal Investigations	43.03500	Law, Community Response and Policing
Law Enforcement/Criminal Investigations	43.05300	Criminal Investigations
Law Enforcement/Public Safety	43.05000	Introduction to Law, Public Safety Corrections and Security
Communications		
Law Enforcement/Public Safety	43.05100	Criminal Justice Essentials
Communications		
Law Enforcement/Public Safety	43.06200	Public Safety Communications
Communications		

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Corrections Services	43.05000	Introduction to Law, Public Safety Corrections and Security
Corrections Services	43.05100	Criminal Justice Essentials
Corrections Services	43.03000	Introduction to Law & Justice
Corrections Services	43.03300	Criminal Investigation and Forensics
Corrections Services	43.03500	Law, Community Response and Policing
Corrections Services	43.05700	Applications of Corrections
Security and Protective Services	43.05000	Introduction to Law, Public Safety Corrections and Security
Security and Protective Services	43.05100	Criminal Justice Essentials
Security and Protective Services	43.03000	Introduction to Law & Justice
Security and Protective Services	43.03300	Criminal Investigation and Forensics
Security and Protective Services	43.03500	Law, Community Response and Policing
Security and Protective Services	43.05800	Security and Protective Services
Legal Services/Applications of Law	43.05000	Introduction to Law, Public Safety Corrections and Security
Legal Services/Applications of Law	43.05400	Essentials of Legal Services
Legal Services/Applications of Law	43.05500	Applications of Law
Legal Services/Legal Administrative Services	43.05000	Introduction to Law, Public Safety Corrections and Security
Legal Services/Legal Administrative Services	43.05400	Essentials of Legal Services
Legal Services/Legal Administrative Services	43.05600	Legal Administrative Services
Fire and Emergency Services/Emergency	43.05000	Introduction to Law, Public Safety Corrections and Security
Medical Responder		
Fire and Emergency Services/Emergency	43.06000	Essentials of Fire and Emregency Services
Medical Responder		
Fire and Emergency Services/Emergency	25.05000	Emergency Medical Responder
Medical Responder		
Fire and Emergency Services/Emergency	43.03600	Homeland Security
Medical Responder		
Fire and Emergency Services/Emergency	43.03700	Emergency Services
Medical Responder		
Fire and Emergency Services/Emergency	43.03800	First Responder and Emergency Leadership
Medical Responder		
Fire and Emergency Services/Firefighting	43.05000	Introduction to Law, Public Safety Corrections and Security
Fire and Emergency Services/Firefighting	43.06000	Essentials of Fire and Emergency Services
Fire and Emergency Services/Firefighting	43.03600	Homeland Security
Fire and Emergency Services/Firefighting	43.03700	Emergency Services
Fire and Emergency Services/Firefighting	43.04000	Firefighting
Fire and Emergency Services/Public Safety	43.05000	Introduction to Law, Public Safety Corrections and Security
Communications		, , , , , , , , , , , , , , , , , , , ,
Fire and Emergency Services/Public Safety	43.06000	Essentials of Fire and Emergency Services
Communications		
Fire and Emergency Services/Public Safety	43.03600	Homeland Security
Communications		

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### **COURSE NUMBER**

Fire and Emergency Services/Public Safety	43.03700	Emergency Services
Communications		
Fire and Emergency Services/Public Safety	43.03800	First Responder and Emergency Leadership
Communications		
Fire and Emergency Services/Public Safety	43.06200	Public Safety Communications
Communications		
Marketing and Management	08.03600	Entrepreneurship: Building a Business
Marketing and Management	08.04100	Marketing and Entrepreneurship (2)
Marketing and Management	08.07400	Marketing Principles (1)
Marketing and Management	08.07500	Advanced Marketing
Marketing and Management	08.04200	Marketing Management (3)
Fashion, Merchandising and Retail	08.01300	Introduction to Fashion Marketing
Management		
Fashion, Merchandising and Retail	08.02100	Fashion, Merchandising & Retailing Essentials (2)
Management		
Fashion, Merchandising and Retail	08.01400	Advanced Fashion Marketing
Management		
Fashion, Merchandising and Retail	08.02200	Advanced Fashion, Merchandising & Retailing (3)
Management		
Fashion, Merchandising and Retail	08.07400	Marketing Principles (1)
Management		
Marketing Communications & Promotion	08.07200	Professional Sales and Promotion
Marketing Communications & Promotion	08.05100	Promotion and Professional Sales (2)
Marketing Communications & Promotion	08.07400	Marketing Principles (1)
Marketing Communications & Promotion	08.07900	E-Marketing
Marketing Communications & Promotion	08.05200	Marketing Communications Essentials (3)
Sports & Entertainment Marketing	08.07400	Marketing Principles (1)
Sports & Entertainment Marketing	08.07800	Introduction to Sports & Entertainment Marketing
Sports & Entertainment Marketing	08.07800	Introduction to Sports and Entertainment Marketing (2)
Sports & Entertainment Marketing	08.08500	Advanced Sports and Entertainment Marketing
Hospitality, Recreation and Tourism	08.07400	Marketing Principles (1)
Hospitality, Recreation and Tourism	08.03000	Discovering Hospitality and Tourism Marketing
Hospitality, Recreation and Tourism	08.05300	Hospitality, Recreation & Tourism Essentials (2)
Hospitality, Recreation and Tourism	08.03700	Hospitality and Tourism Management
Hospitality, Recreation and Tourism	08.05400	Hospitality, Recreation & Tourism Management (3)
Engineering	21.02500	Foundations of Engineering and Technology
Engineering	21.07100	Engineering Concepts
Engineering	21.07200	Engineering Applications
Electronics	21.05200	Foundations of Electronics
Electronics	21.05300	Advanced AC and DC Circuits
Electronics	21.05400	Digital Electronics
Energy Systems	21.02500	Foundations of Engineering and Technology
Energy Systems	49.03700	Foundations of Energy Technologies
Energy Systems	21.05100	Energy and Power Technology
Energy Systems	21.05700	Appropriate and Alternative Energy Technologies
2110101 013001113	121.05700	Appropriate and Atternative Energy Technologies

## CTAE PATHWAY COURSE NUMBER CTAE PATHWAY COURSE

Energy and Power: Generation, Transmission, and Distribution	49.03700	Foundations of Energy Technologies
Energy and Power: Generation, Transmission, and Distribution	49.03800	Energy and Power: Generation, Transmission, and Distribution
Energy and Power: Generation, Transmission, and Distribution	49.03900	Energy Systems Applications
Engineering Drafting & Design	48.04100	Introduction to Engineering Drafting & Design
Engineering Drafting & Design	48.04200	Survey of Engineering Graphics
Engineering Drafting & Design	48.04300	3-D Modelingand Analysis
Manufacturing	21.04100	Foundations of Manufacturing & Materials Science
Manufacturing	21.04500	Robotics and Automated Systems
Manufacturing	21.04400	Production Enterprises
Mechatronics	21.06200	Introduction to Mechatronics - DC Theory, Pneumatic Systems, and Programmable Logic Controllers
Mechatronics	21.06300	AC Theory, Electric Motors, and Hydraulic Systems
Mechatronics	21.06400	Semiconductors, Mechanical Systems, and Pump and
		Piping Systems
Agriculture Mechanics	01.02100	Agriculture MechanicsTechnology I
Agriculture Mechanics	01.02200	Agriculture MechanicsTechnology II
Agriculture Mechanics	02.07100	Basic Agricultural Science
Agriscience	02.07100	Basic Agricultural Science
Agriscience	02.02100	Animal Science Technology/Biotechnology
Agriscience	02.04100	Plant Science and Biotechnology
Plant Science/Horticulture	02.07100	Basic Agricultural Science
Plant Science/Horticulture	01.06100	General Horticulture and Plant Science
Plant Science/Horticulture	01.07000	Nursery and Landscape
Forestry & Natural Resources	02.07100	Basic Agricultural Science
Forestry & Natural Resources	03.05100	Forest Science
Forestry & Natural Resources	03.05300	Wildlife Management
Animal Science	02.07100	Basic Agricultural Science
Animal Science	02.02100	Animal Science Technology/Biotechnology
Animal Science	01.03200	Agricultural Animal Production and Management
Agribusiness Management	02.07100	Basic Agricultural Science
Agribusiness Management	01.01200	Agricultural Leadership and Personal Development
Agribusiness Management	01.01300	Marketing Agricultural Products and Services
Veterinary Science	02.07100	Basic Agricultural Science
Veterinary Science	02.02300	Small Animal Care
Veterinary Science	02.02400	Veterinary Science
Ag Leadership in Animal Prod.	02.07100	Basic Agricultural Science
Ag Leadership in Animal Prod.	02.02100	Animal Science and Biotechnology
Ag Leadership in Animal Prod.	01.01200	Ag Management and Leadership
Animal Production & Processing	02.07100	Basic Agricultural Science
Animal Production & Processing	01.03200	Ag Animal Production
Animal Production & Processing	02.03200	Ag Meat & Dairy Product Processing
Animal / Mechanical Systems	02.07100	Basic Agricultural Science
Animal / Mechanical Systems	01.03200	Ag Animal Production
Animal / Mechanical Systems	01.02100	Agricultural Mechanics I

#### **CTAE PATHWAY**

## **COURSE NUMBER**

Companion Animal Systems	02.07100	Basic Agricultural Science
Companion Animal Systems	02.02100	Animal Science and Biotechnology
Companion Animal Systems	02.02300	Small Animal Care
Equine Science	02.07100	Basic Agricultural Science
Equine Science	02.02100	Animal Science and Biotechnology
Equine Science	02.02200	Equine Science
Food Animal Systems	02.07100	Basic Agricultural Science
Food Animal Systems	02.02100	Animal Science and Biotechnology
Food Animal Systems	01.03200	Ag Animal Production
Veterinary Science	02.07100	Basic Agricultural Science
Veterinary Science	02.02100	Animal Science and Biotechnology
Veterinary Science	02.02400	Veterinary Science
Agriculture Energy Systems	02.07100	Basic Agricultural Science
Agriculture Energy Systems	03.07100	Intro to Renewable Energy
Agriculture Energy Systems	03.06200	Renewable Fuel Production
Agricultural Mechanics & Electrical Systems	02.07100	Basic Agricultural Science
Agricultural Mechanics & Electrical Systems	01.02100	Agricultural Mechanics I
Agricultural Mechanics & Electrical Systems	01.02600	Agricultural Electricity & Electric Controls
Agricultural Mechanics & Metal Fabrication	02.07100	Basic Agricultural Science
Agricultural Mechanics & Metal Fabrication	01.02100	Agricultural Mechanics I
Agricultural Mechanics & Metal Fabrication	01.02400	Ag Metal Fabrication
Agricultural Mechanics Systems	02.07100	Basic Agricultural Science
Agricultural Mechanics Systems	01.02100	Agricultural Mechanics I
Agricultural Mechanics Systems	01.02200	Agricultural Mechanics II
Ag Leadership in Food Product Processing	02.07100	Basic Agricultural Science
Ag Leadership in Food Product Processing	02.03200	Ag Meat & Dairy Product Processing
Ag Leadership in Food Product Processing	01.01200	Ag Management and Leadership
Food Products & Processing Systems	02.07100	Basic Agricultural Science
Food Products & Processing Systems	02.03200	Ag Meat & Dairy Product Processing
Food Products & Processing Systems	01.04100	Ag Food Products & Processing
Agribusiness Systems	02.07100	Basic Agricultural Science
Agribusiness Systems	01.01200	Ag Management and Leadership
Agribusiness Systems	01.01300	Marketing Ag Products and Services
Agriscience Systems	02.07100	Basic Agricultural Science
Agriscience Systems	02.02100	Animal Science and Biotechnology
Agriscience Systems	02.04100	Plant Science and Biotechnology
Forestry and Animal Science	02.07100	Basic Agricultural Science
Forestry and Animal Science	03.05100	Forest Science
Forestry and Animal Science	02.02100	Animal Science and Biotechnology
Horticulture and Animal Science	02.07100	Basic Agricultural Science
Horticulture and Animal Science	01.06100	General Horticulture and Plant Science
Horticulture and Animal Science	02.02100	Animal Science and Biotechnology
Horticulture and Forest Science	02.07100	Basic Agricultural Science
Horticulture and Forest Science	01.06100	General Horticulture and Plant Science
Horticulture and Forest Science	03.05100	Forest Science
Ag Leadership in Aquaculture	02.07100	Basic Agricultural Science
Ag Leadership in Aquaculture	03.03100	Aquaculture

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### **COURSE NUMBER**

Ag Leadership in Aquaculture	01.01200	Ag Management and Leadership
Ag Leadership in Forestry	02.07100	Basic Agricultural Science
Ag Leadership in Forestry	03.05100	Forest Science
Ag Leadership in Forestry	01.01200	Ag Management and Leadership
Environmental Agriculture Systems	02.07100	Basic Agricultural Science
Environmental Agriculture Systems	03.02200	Ag Environmental Science & Stewardship
Environmental Agriculture Systems	03.06100	Sustainable Ag Practices
Forest Management Systems	02.07100	Basic Agricultural Science
Forest Management Systems	03.05100	Forest Science
Forest Management Systems	03.05200	Forestry Science II
Forest Mechanical Systems	02.07100	Basic Agricultural Science
Forest Mechanical Systems	03.05100	Forest Science
Forest Mechanical Systems	01.02100	Agricultural Mechanics I
Forest / Natural Resources Management	02.07100	Basic Agricultural Science
Forest / Natural Resources Management	03.05100	Forest Science
Forest / Natural Resources Management	03.01100	Natural Resources Management
Forest / Renewable Energy	02.07100	Basic Agricultural Science
Forest / Renewable Energy	03.05100	Forest Science
Forest / Renewable Energy	03.07100	Intro to Renewable Energy
Forestry / Wildife Management	03.07100	Basic Agricultural Science
	03.05100	Forest Science
Forestry / Wildife Management		
Forestry / Wildife Management	03.05300 02.07100	Wildlife Management
Agricultural Leadership in Horticulture		Basic Agricultural Science General Horticulture and Plant Science
Agricultural Leadership in Horticulture	01.06100	
Agricultural Leadership in Horticulture	01.01200	Agribusiness Management and Leadership
Agricultural Leadership in Plant Science Agricultural Leadership in Plant Science	02.07100 02.04100	Basic Agricultural Science Plant Science and Biotechnology
Agricultural Leadership in Plant Science Horticulture/Mechanical Systems	01.01200 02.07100	Agribusiness Management and Leadership Basic Agricultural Science
Horticulture/Mechanical Systems	01.06100	General Horticulture and Plant Science
Horticulture/Mechanical Systems	01.00100	Agricultural Mechanics Technology I
Landscape Management Systems		Basic Agricultural Science
Landscape Management Systems	01.06100	General Horticulture and Plant Science
Landscape Management Systems	01.06500	Turf Production and Management
Plant and Floral Design Systems	02.07100	Basic Agricultural Science
Plant and Floral Design Systems	01.06100	General Horticulture and Plant Science
Plant and Floral Design Systems	01.06600	Floral Design and Management
Plant and Floriculture Systems	02.07100	Basic Agricultural Science
Plant and Floriculture Systems	01.06100	General Horticulture and Plant Science
Plant and Floriculture Systems	01.06200	Floriculture Production and Management
Plant and Landscape Systems	02.07100	Basic Agricultural Science
Plant and Landscape Systems Plant and Landscape Systems	01.06100	General Horticulture and Plant Science
Plant and Landscape Systems	01.07000	Nursery and Landscape
Plant Mechanical Systems	02.07100	Basic Agricultural Science
Plant Mechanical Systems	01.02100	Agricultural Mechanics Technology I
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Plant Mechanical Systems	02.04100	Plant Science and Biotechnology