

## OCtech Program Student Learning Outcome Results

2023-24

By Program

Number	Intended Outcome (SLO)	FY Start	FY End	Cumulative Results %	Multiple Delivery?	Online Delivery Results %	Offsite Delivery Results %	Traditional/Hybrid Results %
<b>Associate in Arts and Sciences</b>								
A	EFFECTIVELY CREATE WRITTEN COMMUNICATION	7/1/2023	6/30/2024	86.10	Yes	86.6	100	82.82
B	FOSTER UNDERSTANDING THROUGH EFFECTIVE ORAL COMMUNICATION	7/1/2023	6/30/2024	98.21	No	98.21		
C	USE A VARIETY OF THINKING SKILLS TO EVALUATE AND SOLVE PROBLEMS	7/1/2023	6/30/2024	71.90	Yes	65.3	100	67.7
D	DEMONSTRATE RESEARCH SKILLS (INFORMATION LITERACY) NECESSARY TO LOCATE, ANALYZE, AND SYNTHESIZE INFORMATION	7/1/2023	6/30/2024	84.60	Yes	83.4		89.4
E	DEMONSTRATE INSIGHT AND UNDERSTANDING OF CONTEMPORARY SOCIAL VALUES	7/1/2023	6/30/2024	86.50	Yes	88.05		85.17
<b>Associate Degree, Business Administration: Accounting</b>								
A	AQUIRE KNOWLEDGE OF BASIC ACCOUNTING PROCESS	7/1/2023	6/30/2024	93.34	Yes			
B	PREPARE GENERAL LEDGER	7/1/2023	6/30/2024	68	Yes	77		56
C	RECONCILE ACCOUNTS	7/1/2023	6/30/2024	80	No	80		
D	PREPARE MANUAL/COMPUTERIZED FINANCIAL STATEMENTS	7/1/2023	6/30/2024	43	No			
E	PREPARE FEDERAL & STATE FORMS	7/1/2023	6/30/2024	87	No	87		56
F	USE COST ACCOUNTING TECHNIQUES	7/1/2023	6/30/2024	56	Yes			
G	ANALYZE FINANCIAL STATEMENTS.	7/1/2023	6/30/2024	88	No			
H	DEMONSTRATE KNOWLEDGE OF ACCOUNTING TOOLS	7/1/2023	6/30/2024	100	No			
I	USE COMPUTER SKILLS	7/1/2023	6/30/2024	80	No	80		
J	DEVELOP/USE BUSINESS COMMUNICATION SKILLS	7/1/2023	6/30/2024	83	Yes	85		80

<b>Associate Degree, Business Administration: Enterprise Management and Related Certificates</b>							
A	DEVELOP MANAGEMENT SKILLS	7/1/2023	6/30/2024				
B	DEMONSTRATE INTRODUCTORY MARKETING SKILLS	7/1/2023	6/30/2024	53	Yes	50	56
C	PRACTICE ACCOUNTING SKILLS	7/1/2023	6/30/2024	87	No	87	
D	DEVELOP PERSONAL FINANCE SKILLS	7/1/2023	6/30/2024	45	Yes	48	38
E	DEVELOP COMPUTER SKILLS	7/1/2023	6/30/2024	71	Yes	62	92
F	DEMONSTRATE LEADERSHIP SKILLS	7/1/2023	6/30/2024				
G	DEVELOP PROFESSIONALISM	7/1/2023	6/30/2024				
H	COMMUNICATE EFFECTIVELY	7/1/2023	6/30/2024				
I	DEVELOP TEAMWORK SKILLS	7/1/2023	6/30/2024	87	No	87	
J	DEMONSTRATE INTRODUCTORY BUSINESS LAW CONCEPTS	7/1/2023	6/30/2024	55	No	55	
<b>Associate Degree, Business Administration: Office Management</b>							
A	PERFORM BASIC OFFICE/RECEPTIONIST FUNCTIONS	7/1/2023	6/30/2024	77	No	77	
B	USE COMPUTER SKILLS	7/1/2023	6/30/2024	54	No	54	
C	DEMONSTRATE PROFESSIONAL ATTRIBUTES(SOFT SKILLS)	7/1/2023	6/30/2024	100	No	100	
D	DEVELOP INTERPERSONAL SKILLS	7/1/2023	6/30/2024				
E	DEMONSTRATE PRE-EMPLOYMENT SKILLS	7/1/2023	6/30/2024	50	No	50	
<b>Associate Degree, Computer Technology - Network Security and Information Assurance</b>							
A	CLIENT COMPUTING AND USER SUPPORT	7/1/2023	6/30/2024	94	No		
B	NETWORKING AND CONVERGENCE	7/1/2023	6/30/2024	96	No		
C	SERVERS, STORAGE AND VIRTUALIZATION	7/1/2023	6/30/2024	93	No		
D	TEAMWORK	7/1/2023	6/30/2024	94	No		
E	COMMUNICATION	7/1/2023	6/30/2024	94	No		
F	CONTINUOUS LEARNING, PROFESSIONAL, LEGAL, AND ETHICAL BEHAVIOR	7/1/2023	6/30/2024	96	No		
<b>Associate Degree, Computer Technology - Programming and Related Certificates</b>							
A	DATABASE AND INFORMATION MANAGEMENT	7/1/2023	6/30/2024	100	No		
B	PROGRAMMING AND APPLICATION DEVELOPMENT	7/1/2023	6/30/2024	82	No		
C	CONTINUOUS LEARNING	7/1/2023	6/30/2024	94	No		
D	PROFESSIONAL, LEGAL, AND ETHICAL BEHAVIOR	7/1/2023	6/30/2024	94	No		
E	COMMUNICATION SKILLS	7/1/2023	6/30/2024	94	No		
F	TEAM MEMBER EFFECTIVENESS	7/1/2023	6/30/2024	94	No		

Associate Degree, Early Care and Education and Related Certificates, Diploma							
A	CHILD DEVELOPMENT AND LEARNING IN CONTEXT (NAEYC Standard 1)	7/1/2023	6/30/2024	100	No		
B	FAMILY-TEACHER PARTNERSHIPS AND COMMUNITY	7/1/2023	6/30/2024	100	No		
C	CHILD OBSERVATION, DOCUMENTATION, AND ASSESSMENT (NAEYC Standard 3)	7/1/2023	6/30/2024	96.36	No		
D	DEVELOPMENTALLY, CULTURALLY, AND LINGUISTICALLY APPROPRIATE TEACHING PRACTICES (NAEYC Standard 4)	7/1/2023	6/30/2024	100	No		
E	KNOWLEDGE, APPLICATION, AND INTEGRATION OF ACADEMIC CONTENT IN THE EARLY CHILDHOOD CURRICULUM (NAEYC Standard 5)	7/1/2023	6/30/2024	100	No		
F	PROFESSIONALISM AS AN EARLY CHILDHOOD EDUCATOR (NAEYC Standard 6)	7/1/2023	6/30/2024	96.23	No		
Associate Degree, Criminal Justice and Related Certificates							
A	PROFESSIONALISM/PUBLIC RELATIONS	7/1/2023	6/30/2024	84	Yes	88	81
B	JUDGEMENT/DECISION MAKING	7/1/2023	6/30/2024	85	Yes	83	87
C	BASIC THEORY/SKILLS OF POLICE PATROL	7/1/2023	6/30/2024	91	No	91	
D	INVESTIGATIVE SKILLS	7/1/2023	6/30/2024	92	Yes	94	89
E	UNDERSTAND THE COURT SYSTEM (Civil, General Sessions, Family, Magistrate, Federal, etc.)	7/1/2023	6/30/2024	90	Yes	91	92
F	KNOWLEDGE OF CORRECTIONS AND/OR DETENTION FACILITIES	7/1/2023	6/30/2024	90	Yes	92	91
G	KNOWLEDGE OF JUVENILE PROCEDURES	7/1/2023	6/30/2024	89	Yes	93	85
H	KNOWLEDGE OF PROBATION AND PAROLE	7/1/2023	6/30/2024	94	No	94	
I	DEVELOP CONCEPT OF SECURITY OFFICER'S ROLE	7/1/2023	6/30/2024	85	Yes	83	88
J	DEVELOP CONCEPT OF VICTIM ASSISTANCE	7/1/2023	6/30/2024	91	Yes	91	92
K	DEMONSTRATE COMMUNICATION SKILLS	7/1/2023	6/30/2024	91	No	91	
Associate Degree, Electronics Engineering Technology (Electronic Instrumentation) and Related Certificates							
A	APPLY TECHNICAL SKILLS (General Criteria Element G1)	7/1/2023	6/30/2024	86	No		
B	DESIGN SOLUTIONS FOR TECHNICAL PROBLEMS (General Criteria Element G2)	7/1/2023	6/30/2024	100	No		

C	COMMUNICATE EFFECTIVELY (General Criteria Element G3)	7/1/2023	6/30/2024	80	No			
D	CONDUCT STANDARD TESTS AND MEASUREMENTS (General Criteria Element G4)	7/1/2023	6/30/2024	75	No			
E	FUNCTION AS A TECHNICAL TEAM MEMBER (General Criteria Element G5)	7/1/2023	6/30/2024	93.75	No			
F	ELECTRICAL AND ELECTRONIC SYSTEMS APPLICATIONS (Program Criteria P1)	7/1/2023	6/30/2024	94	No			
G	APPLY NATURAL SCIENCES AND MATH TO CIRCUITS (Program Criteria P2)	7/1/2023	6/30/2024	86.5	No			

**Associate Degree, Engineering Design Technology and Related Certificates**

A	APPLY THE KNOWLEDGE, TECHNIQUES, SKILLS AND TOOLS OF THE DISCIPLINE	7/1/2023	6/30/2024	100	No			
AA	PERFORM A BEAM ANALYSIS BY CALCULATING STRUCTURAL PROPERTIES OF A 2.4 BEAM	7/1/2023	6/30/2024	90	No			
B	APPLY KNOWLEDGE OF MATH, SCIENCE, AND ENGINEERING TO PROBLEMS	7/1/2023	6/30/2024	100	No			
BB	DRAFTING PRACTICE	7/1/2023	6/30/2024	100	No			
C	CONDUCT, ANALYZE, AND INTERPRET EXPERIMENTS	7/1/2023	6/30/2024	100	No			
CC	PHYSICS AND ENGINEERING MATERIALS	7/1/2023	6/30/2024	100	No			
D	FUNCTION EFFECTIVELY AS MEMBER OF TECHNICAL TEAM	7/1/2023	6/30/2024	100	No			
E	IDENTIFY, ANALYZE AND SOLVE PROBLEMS	7/1/2023	6/30/2024	100	No			
F	APPLY WRITTEN, ORAL, AND GRAPHIC COMMUNICATION	7/1/2023	6/30/2024	100	No			
G	SELF-DIRECTED PROFESSIONAL DEVELOPMENT	7/1/2023	6/30/2024	100	No			
H	PROFESSIONAL AND ETHICAL RESPONSIBILITIES	7/1/2023	6/30/2024	100	No			
I	QUALITY, TIMELINESS, AND CONTINUOUS IMPROVEMENT	7/1/2023	6/30/2024	100	No			

<b>Associate Degree, Automotive Technology and Related Certificates</b>							
A	DIAGNOSE AND REPAIR ENGINE PROBLEMS	7/1/2023	6/30/2024	80	No		
B	DIAGNOSE AND REPAIR AUTOMATIC TRANSMISSIONS	7/1/2023	6/30/2024	88.6	No		
C	PERFORM MANUAL DRIVETRAIN DIAGNOSIS AND REPAIR	7/1/2023	6/30/2024	76	No		
D	DIAGNOSE AND REPAIR SUSPENSION & STEERING SYSTEMS	7/1/2023	6/30/2024	84	No		100
E	DIAGNOSE AND REPAIR BRAKE SYSTEMS	7/1/2023	6/30/2024	80	No		
F	DIAGNOSE AND REPAIR ELECTRICAL/ELECTRONIC SYSTEMS	7/1/2023	6/30/2024	86.6	No		
G	DIAGNOSE AND REPAIR HEATING AND AIR CONDITIONING SYSTEMS	7/1/2023	6/30/2024	87.28	No		
H	DIAGNOSE AND REPAIR ENGINE PERFORMANCE SYSTEMS	7/1/2023	6/30/2024	86.5	No		
I	FOLLOW GOVERNMENTAL AND EMPLOYER RULES & REGULATIONS	7/1/2023	6/30/2024	85	No		
J	DEVELOP & USE POSITIVE WORKING RELATIONSHIPS	7/1/2023	6/30/2024	85	No		
K	FOLLOW WRITTEN INSTRUCTIONS	7/1/2023	6/30/2024	100	No		
<b>Associate Degree, Industrial Electronics Technology and Related Certificates</b>							
A	ELECTRICAL AND ELECTRONIC CIRCUITS APPLICATIONS	7/1/2023	6/30/2024	50	No		
B	CREATE EFFECTIVE CONTROL PROGRAMMING	7/1/2023	6/30/2024	100	No		
C	APPLICATION OF TECHNICAL SKILLS	7/1/2023	6/30/2024	100	No		
D	WORK AS A TECHNICAL TEAM MEMBER	7/1/2023	6/30/2024	100	No		
E	DEMONSTRATE SAFE WORK PRACTICES	7/1/2023	6/30/2024	100	No		
<b>Associate Degree, Machine Tool Technology and Related Certificates</b>							
A	USE TECHNICAL MATH TO SOLVE MACHINE SHOP PROBLEMS	7/1/2023	6/30/2024	85.71	No		
B	SET-UP & OPERATE MACHINE SHOP EQUIPMENT	7/1/2023	6/30/2024	100	No		
C	PERFORM TOOLING PROCEDURES	7/1/2023	6/30/2024	85.71	No		
D	BUILD BASIC DIES, JIGS, & FIXTURES	7/1/2023	6/30/2024	83.33	No		
E	READ & DRAW BLUEPRINTS	7/1/2023	6/30/2024	100	No		
F	PRACTICE SAFETY	7/1/2023	6/30/2024	100	No		

G	EXHIBIT PROFESSIONALISM AND TIME MANAGEMENT	7/1/2023	6/30/2024	100	No			
H	COMMUNICATE EFFECTIVELY	7/1/2023	6/30/2024	100	No			
I	CARE FOR & USE PRECISION MEASURING INSTRUMENTS	7/1/2023	6/30/2024	100	No			
J	USE BASIC WELDING EQUIPMENT	7/1/2023	6/30/2024	100	No			
K	PERFORM BASIC HEAT-TREATMENT TECHNIQUES	7/1/2023	6/30/2024	100	No			
L	OPERATE AND PROGRAM COMPUTERIZED NUMERICAL MACHINES	7/1/2023	6/30/2024	100	No			

#### Associate Degree, Mechatronics Technology and Related Certificates

A	PRACTICAL KNOWLEDGE	7/1/2023	6/30/2024	84	No			
B	DEFINE SOLUTIONS FOR TECHNICAL PROBLEMS	7/1/2023	6/30/2024	95	No			
C	TECHNICAL LITERATURE	7/1/2023	6/30/2024	90	No			
D	CONDUCT, ANALYZE, AND INTERPRET EXPERIMENTS	7/1/2023	6/30/2024	91	No			

#### Certificate, Basic Diesel Maintenance

A	MAINTAIN DIESEL ENGINES (NATEF ACCREDITATION GENERAL CATEGORY I)	7/1/2023	6/30/2024	88	Yes			
B	SERVICE DIESEL ENGINES (NATEF ACCREDITATION GENERAL CATEGORY I)	7/1/2023	6/30/2024	94	No			
C	SERVICE FUEL SYSTEMS(NATEF ACCREDITATION DRIVE TRAIN CATEGORY II)	7/1/2023	6/30/2024	93	No			
D	REPAIR ELECTRICAL SYSTEMS (NATEF ACCREDITATION ELECTRICAL/ELECTRONIC CATEGORY V)	7/1/2023	6/30/2024	88.5	No			
E	FOLLOW ENVIRONMENTAL REGULATIONS (NATEF SUPPLEMENTAL TASKS)	7/1/2023	6/30/2024	85	No			
F	DEMONSTRATE PROFESSIONAL BEHAVIOR	7/1/2023	6/30/2024	85	No			

#### Certificate, Truck Driver Training

A	THEORY AND KNOWLEDGE OF TRUCK DRIVING	7/1/2023	6/30/2024	91.11	No			
B	COMMERCIAL MOTOR VEHICLE OPERATION	7/1/2023	6/30/2024	90.3	No			
C	VEHICLE INSPECTION	7/1/2023	6/30/2024	90.3	No			
D	DEMONSTRATE OCCUPATIONAL SAFETY	7/1/2023	6/30/2024	90.3	No			

Certificate, Welding Basic							
A	GENERAL SAFETY	7/1/2023	6/30/2024	72.22	No		
B	STRIKE AN ARC AND MAKE STRINGER, WEAVE, AND OVERLAPPING BEADS AND MAKE FILLET WELDS IN VARIOUS POSITIONS WITH SMAW PROCESS.	7/1/2023	6/30/2024	55.55	No		
C	MAKE GROOVE WELDS IN VARIOUS POSITIONS USING SMAW PROCESS	7/1/2023	6/30/2024	91.66	No		
Certificate, Welding Intermediate							
A	IDENTIFY, INTERPRET, AND DRAW	7/1/2023	6/30/2024	66.66	No		
B	DESCRIBE WELDING DETAIL DRAWINGS AND THEIR COMPONENTS	7/1/2023	6/30/2024	18.66	No		
C	THE POWER SOURCES AND EQUIPMENT UTILIZED IN THE GMAW AND FCAW PROCESSES	7/1/2023	6/30/2024	40	No		
D	MAKE FILLET AND/OR V-GROOVE WELDS ON CARBON STEEL PLATE	7/1/2023	6/30/2024	83.33	No		
Certificate, Emergency Medical Technician							
A	BASIC EMERGENCY CARE	7/1/2023	6/30/2024	75	No		
B	BASIC LIFE-SAVING TECHNIQUES	7/1/2023	6/30/2024	75	No		
C	QUALITY, COMPREHENSIVE CARE	7/1/2023	6/30/2024	75	No		
D	COMMUNICATE EFFECTIVELY	7/1/2023	6/30/2024	75	No		
Certificate, Nursing Assistant							
A	PERFORM DUTIES SAFELY AND EFFECTIVELY	7/1/2023	6/30/2024	100	No		
B	DEMONSTRATE ACADEMIC AND TECHNICAL COMPETENCE IN THE ROLE OF NURSING ASSISTANT	7/1/2023	6/30/2024	100	No		
C	INFECTION CONTROL	7/1/2023	6/30/2024	100	No		
D	SAFETY	7/1/2023	6/30/2024	100	No		
Certificate, Patient Care Technician							
A	PERFORM DUTIES SAFELY AND EFFECTIVELY REQUIRED OF NURSING ASSISTANT	7/1/2023	6/30/2024	100	No		
B	PERFORM DUTIES SAFELY AND EFFECTIVELY REQUIRED OF PHLEBOTOMY	7/1/2023	6/30/2024	88.13	No		

C	PERFORM DUTIES SAFELY AND EFFECTIVELY REQUIRED OF ELECTROCARDIOGRAPHY	7/1/2023	6/30/2024	89.66	No			
D	INFECTION CONTROL	7/1/2023	6/30/2024	88.13	No			
E	ADAPTABILITY	7/1/2023	6/30/2024	89.66	No			
<b>Associate Degree, Nursing</b>								
A	PROFESSIONAL BEHAVIORS (#1)	7/1/2023	6/30/2024	100	No			
B	SAFE AND EFFECTIVE CARE (#2)	7/1/2023	6/30/2024	100	No			
C	COLLABORATION (#5)	7/1/2023	6/30/2024	100	No			
D	TECHNOLOGY INTEGRATION (#6)	7/1/2023	6/30/2024	100	No			
F	LEGAL AND ETHICAL (#3)	7/1/2023	6/30/2024	100	No			
G	CRITICAL THINKING (#4)	7/1/2023	6/30/2024	100	No			
<b>Associate Degree, Physical Therapist Assistant</b>								
A	COMPETENCE IN USING EVIDENCE-BASED AND INTER-PROFESSIONAL COLLABORATIVE PRACTICE	7/1/2023	6/30/2024	100	No			
B	CRITICAL THINKING AND PROBLEM-SOLVING SKILLS	7/1/2023	6/30/2024		No			
C	PROFESSIONAL BEHAVIORS	7/1/2023	6/30/2024	100	No			
<b>Associate Degree, Radiologic Technology and Related Certificates</b>								
A	APPLY CRITICAL THINKING SKILLS	7/1/2023	6/30/2024	100	Yes		50	50
B	DEMONSTRATE CLINICAL COMPETENCE	7/1/2023	6/30/2024	100	No		100	
C	COMMUNICATE EFFECTIVELY	7/1/2023	6/30/2024	100	Yes		50	50
<b>Certificate, Magnetic Resonance Imaging (MRI)</b>								
A	PROBLEM SOLVING AND CRITICAL THINKING	7/1/2023	6/30/2024	100	No	50	100	
B	ENTRY LEVEL CLINICAL COMPETENCES	7/1/2023	6/30/2024	100	No	50	50	
C	COMMUNICATION	7/1/2023	6/30/2024	100	Yes	50	50	
<b>Certificate, Mammography</b>								
A	PROBLEM SOLVING AND CRITICAL THINKING	7/1/2023	6/30/2024	100	No		100	
B	ACADEMIC & TECHNICAL COMPETENCY	7/1/2023	6/30/2024	100	Yes	50	50	
C	COMMUNICATE EFFECTIVELY	7/1/2023	6/30/2024	100	Yes	50	50	

Diploma, Medical Office Assisting							
A	APPLY LEGAL AND ETHICAL CONCEPTS	7/1/2023	6/30/2024	100	No		
B	DISPLAY PROFESSIONALISM AND COMMUNICATION SKILLS	7/1/2023	6/30/2024	100	No		
D	DEMONSTRATE COMPETENCE IN THE PERFORMANCE OF CLINICAL SKILLS	7/1/2023	6/30/2024	100	No		
E	ACHIEVE COGNITIVE, PSYCHOMOTOR, AND AFFECTIVE DOMAIN LEARNING OBJECTIVES	7/1/2023	6/30/2024	100	No		
F	PURSUE PROFESSIONAL AND NATIONALLY-RECOGNIZED CREDENTIALING	7/1/2023	6/30/2024	75	No		
I	CRITICAL THINKING SKILLS	7/1/2023	6/30/2024	100	No		

Diploma, Practical Nursing							
A	TEAMWORK AND COLLABORATION (#4)	7/1/2023	6/30/2024	100	No		
B	INFORMATICS (#2)	7/1/2023	6/30/2024	100	No		
C	HUMAN FLOURISHING (#3)	7/1/2023	6/30/2024	100	No		
D	PROFESSIONAL IDENTITY (#1)	7/1/2023	6/30/2024	100	No		
E	NURSING JUDGEMENT (#5)	7/1/2023	6/30/2024	100	No		