


STATE OF HAWAII
DEPARTMENT OF EDUCATION
KA 'OIHANA HO'ONA'AUAO
P.O. BOX 2360
HONOLULU, HAWAII 96804

OFFICE OF THE SUPERINTENDENT

April 26, 2024

TO: Principals (All)
Teachers (CTE)

FROM: Keith T. Hayashi
Superintendent 

SUBJECT: Career Technical Education Shortage Differential for School Year 2023-2024

Pursuant to Act 164, Session Laws of Hawaii 2023, the Hawaii State Legislature allocated funding for Career Technical Education (CTE) Teacher differentials in School Year (SY) 2023-24.

This one-time shortage differential will be noted on a "Notification of Personnel Action" form and paid in one lump sum payment on or around the June 5, 2024 paycheck.

To qualify for the CTE Shortage Differential, teachers must meet the following general eligibility and qualification requirements for one of the tiers listed in the chart below:

General eligibility criteria:

1. Employed with the Hawaii State Department of Education (Department) for SY 2023-2024 as a secondary grade 6-12 CTE Teacher;
2. Contracted with the Department no later than April 1, 2024. Public Charter School Teachers are not eligible for this differential;
3. Must be in a classroom teacher position for the eligible CTE class(es) assigned and listed as the Primary Teacher. A list of eligible courses is attached;
4. The amount of the differential will be adjusted based on the position's full-time equivalency (FTE);
5. Must have met all the qualification requirements by April 15, 2024;
6. Must be on paid status on the last teacher workday for SY 2023-2024 to receive the differential and cannot be on leave without pay; and
7. No exceptions will be made in regard to the general criteria for eligibility.

Differential Tier Amount and Qualification Requirement

Tier	Eligibility	Qualification Requirement	Differential Amount
1	Primary Teacher for an eligible* secondary grade level CTE Class that requires a CTE Pathway License for the Subject Area Requirement.	A. Teacher holds a valid HTSB CTE License matching the CTE Pathway subject area requirement. B. Meets the HQ requirement for the class.	\$8,000
2	Primary Teacher for an eligible* secondary grade level CTE Class that requires a CTE Pathway License for the Subject Area Requirement.	A. Teacher holds a valid HTSB CTE License not matching the required CTE Pathway License subject area requirement for any of the CTE classes taught. B. Meets the HQ requirement for the CTE Class.	\$4,000
3	Primary Teacher for an eligible* secondary grade level CTE Class that requires a CTE Pathway License for the Subject Area Requirement.	A. Teacher holds a valid HTSB License that is not a CTE License. B. Meets the HQ requirement for the CTE Class(es).	\$2,500
<p>Note: If multiple classes qualify for the differential, the teacher may only receive the differential one (1) time for all qualifying classes. The amount is not combinable with other Tier amounts for the CTE Shortage Differential.</p>			

Should you have any questions regarding the CTE Shortage Differential, please contact Melissa Huntley, Personnel Specialist, Teacher Recruitment Unit, at (808) 441-8437 or via email at melissa.huntley@k12.hi.us.

KTH:mh
 Attachment

- c: Deputy Superintendents
- Assistant Superintendents
- Complex Area Superintendents
- Office of Fiscal Services - Budget Branch
- Office of Hawaiian Education
- Office of Student Support Services – Exceptional Support Branch
- Hawaii State Teachers Association
- Hawaii Government Employees Association, Unit 06
- Hawaii Public Charter Schools Commission
- Office of Talent Management Directors; Recruitment and Employment Section;
- Certificated Personnel Regional Officers; Employee Records and Transactions – Certificated Transactions Unit; Classification and Compensation Section

**SY2023-2024 Career and Technical Education (CTE)
List of Courses Eligible for CTE Shortage Differential**

ACCN No	Course Title	CTE Pathway License Subject Area Requirement	ESSA HQ Qualification Requirement	Begin Grade	End Grade	ACCN Eligible for SY2023-2024 CTE Shortage Differential
TAA2000	ARCHITECTURAL DESIGN 1	CTE - IET	CTE - IET	9	12	Yes
TAA2001	ARCHITECTURAL DESIGN 1A	CTE - IET	CTE - IET	9	12	Yes
TAA2002	ARCHITECTURAL DESIGN 1B	CTE - IET	CTE - IET	9	12	Yes
TAA3000	ARCHITECTURAL DESIGN 2	CTE - IET	CTE - IET	9	12	Yes
TAA3001	ARCHITECTURAL DESIGN 2A	CTE - IET	CTE - IET	9	12	Yes
TAA3002	ARCHITECTURAL DESIGN 2B	CTE - IET	CTE - IET	9	12	Yes
TAA4100	ARCH DESIGN WK-BASE LEARN	CTE - IET	CTE - IET	9	12	Yes
TAA4101	ARCH DESIGN WK-BASE LEARN A	CTE - IET	CTE - IET	9	12	Yes
TAA4102	ARCH DESIGN WK-BASE LEARN B	CTE - IET	CTE - IET	9	12	Yes
TAB2000	AG FOOD PROD BUSINESS 1	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAB2001	AG FOOD PROD BUSINESS 1A	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAB2002	AG FOOD PROD BUSINESS 1B	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAB3000	AG FOOD PROD BUSINESS 2	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAB3001	AG FOOD PROD BUSINESS 2A	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAB3002	AG FOOD PROD BUSINESS 2B	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAB4000	AG FOOD PROD BUSINESS 3	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAB4001	AG FOOD PROD BUSINESS 3A	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAB4002	AG FOOD PROD BUSINESS 3B	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAB4100	AG FOOD PROD BUS WK-BASE LRN	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAB4101	AG FOOD PROD BUS WK-BASE LRN A	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAB4102	AG FOOD PROD BUS WK-BASE LRN B	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAB4200	AG FOOD PROD BUSINESS SAE	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAB4201	AG FOOD PROD BUSINESS SAE A	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAB4202	AG FOOD PROD BUSINESS SAE B	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAC2010	ARTS AND COMMUNICATION CAREER PATHWAY CORE	CTE - A & C	CTE - A & C	9	12	Yes
TAC2011	ARTS AND COMMUNICATION CAREER PATHWAY CORE A	CTE - A & C	CTE - A & C	9	12	Yes
TAC2012	ARTS AND COMMUNICATION CAREER PATHWAY CORE B	CTE - A & C	CTE - A & C	9	12	Yes
TAD3000	FOOD PROD & PROCESS SYSTEMS 1	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAD3001	FOOD PROD & PROCESS SYSTEMS 1A	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAD3002	FOOD PROD & PROCESS SYSTEMS 1B	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAD4000	FOOD PROD & PROCESS SYSTM 2	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAD4001	FOOD PROD & PROCESS SYSTM 2A	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAD4002	FOOD PROD & PROCESS SYSTM 2B	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAD4100	FOOD SYSTEMS WK-BASE LEARN	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAD4101	FOOD SYSTEMS WK-BASE LEARN A	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAD4102	FOOD SYSTEMS WK-BASE LEARN B	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAD4200	FOOD SYSTEMS SAE	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAD4201	FOOD SYSTEMS SAE A	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes

**SY2023-2024 Career and Technical Education (CTE)
List of Courses Eligible for CTE Shortage Differential**

ACCN No	Course Title	CTE Pathway License Subject Area Requirement	ESSA HQ Qualification Requirement	Begin Grade	End Grade	ACCN Eligible for SY2023-2024 CTE Shortage Differential
TAD4202	FOOD SYSTEMS SAE B	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAE1000	FOUND ENGINEERING TECH	CTE - IET	Secondary	9	12	Yes
TAE1001	FOUND ENGINEERING TECH A	CTE - IET	Secondary	9	12	Yes
TAE1002	FOUND ENGINEERING TECH B	CTE - IET	Secondary	9	12	Yes
TAE1150	FOUND ENGINEERING TECH	CTE - IET	Secondary	9	12	Yes
TAE1151	FOUND ENGINEERING TECH A	CTE - IET	Secondary	9	12	Yes
TAE1152	FOUND ENGINEERING TECH B	CTE - IET	Secondary	9	12	Yes
TAE2000	ENGINEERING TECH 1	CTE - IET	CTE - IET	9	12	Yes
TAE2001	ENGINEERING TECH 1A	CTE - IET	CTE - IET	9	12	Yes
TAE2002	ENGINEERING TECH 1B	CTE - IET	CTE - IET	9	12	Yes
TAE3000	ENGINEERING TECH 2	CTE - IET	CTE - IET	9	12	Yes
TAE3001	ENGINEERING TECH 2A	CTE - IET	CTE - IET	9	12	Yes
TAE3002	ENGINEERING TECH 2B	CTE - IET	CTE - IET	9	12	Yes
TAE4000	ENGINEERING TECH 3	CTE - IET	CTE - IET	9	12	Yes
TAE4001	ENGINEERING TECH 3A	CTE - IET	CTE - IET	9	12	Yes
TAE4002	ENGINEERING TECH 3B	CTE - IET	CTE - IET	9	12	Yes
TAE4100	ENG TECH WK-BASE LEARN	CTE - IET	CTE - IET	9	12	Yes
TAE4101	ENG TECH WK-BASE LEARN A	CTE - IET	CTE - IET	9	12	Yes
TAE4102	ENG TECH WK-BASE LEARN B	CTE - IET	CTE - IET	9	12	Yes
TAF1000	FOUND ARCH DESIGN	CTE - IET	Secondary	9	12	Yes
TAF1001	FOUND ARCH DESIGN A	CTE - IET	Secondary	9	12	Yes
TAF1002	FOUND ARCH DESIGN B	CTE - IET	Secondary	9	12	Yes
TAF1150	FOUND ARCH DESIGN	CTE - IET	Secondary	9	12	Yes
TAF1151	FOUND ARCH DESIGN A	CTE - IET	Secondary	9	12	Yes
TAF1152	FOUND ARCH DESIGN B	CTE - IET	Secondary	9	12	Yes
TAG3000	LARGE ANIMAL SYSTEMS	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAG3001	LARGE ANIMAL SYSTEMS A	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAG3002	LARGE ANIMAL SYSTEMS B	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAH4100	NATRL RES MGMT WK-BASE LEARN	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAH4101	NATRL RES MGMT WK-BASE LEARN A	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAH4102	NATRL RES MGMT WK-BASE LEARN B	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAH4200	NATRL RES MGMT SAE	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAH4201	NATRL RES MGMT SAE A	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAH4202	NATRL RES MGMT SAE B	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAI4100	ANIMAL SYSTEMS WK-BASE LEARN	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAI4101	ANIMAL SYSTEMS WK-BASE LEARN A	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAI4102	ANIMAL SYSTEMS WK-BASE LEARN B	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAI4200	ANIMAL SYSTEMS SUPVSD AG EXP	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes

**SY2023-2024 Career and Technical Education(CTE)
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ACCN No	Course Title	CTE Pathway License Subject Area Requirement	ESSA HQ Qualification Requirement	Begin Grade	End Grade	ACCN Eligible for SY2023-2024 CTE Shortage Differential
TAI4201	ANIMAL SYSTEMS SUPVSD AG EXP A	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAI4202	ANIMAL SYSTEMS SUPVSD AG EXP B	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAK2910	CO-OPERATIVE EDUCATION: ARTS AND COMMUNICATION	CTE - A & C	Secondary	9	12	No
TAK2911	CO-OPERATIVE EDUCATION: ARTS AND COMMUNICATION A	CTE - A & C	Secondary	9	12	No
TAK2912	CO-OPERATIVE EDUCATION: ARTS AND COMMUNICATION B	CTE - A & C	Secondary	9	12	No
TAK2930	DIRECTED STUDY IN ARTS AND COMMUNICATION	CTE - A & C	CTE - A & C	9	12	Yes
TAK2931	DIRECTED STUDY IN ARTS AND COMMUNICATION A	CTE - A & C	CTE - A & C	9	12	Yes
TAK2932	DIRECTED STUDY IN ARTS AND COMMUNICATION B	CTE - A & C	CTE - A & C	9	12	Yes
TAK2990	ARTS AND COMMUNICATION CAREER PATHWAY CAPSTONE	CTE - A & C	Secondary	11	12	Yes
TAK2991	ARTS AND COMMUNICATION CAREER PATHWAY CAPSTONE A	CTE - A & C	Secondary	11	12	Yes
TAK2992	ARTS AND COMMUNICATION CAREER PATHWAY CAPSTONE B	CTE - A & C	Secondary	11	12	Yes
TAL2000	ELECTRO-MECHANICAL 1	CTE - IET	CTE - IET	9	12	Yes
TAL2001	ELECTRO-MECHANICAL 1A	CTE - IET	CTE - IET	9	12	Yes
TAL2002	ELECTRO-MECHANICAL 1B	CTE - IET	CTE - IET	9	12	Yes
TAL3000	ELECTRO-MECHANICAL 2	CTE - IET	CTE - IET	9	12	Yes
TAL3001	ELECTRO-MECHANICAL 2A	CTE - IET	CTE - IET	9	12	Yes
TAL3002	ELECTRO-MECHANICAL 2B	CTE - IET	CTE - IET	9	12	Yes
TAL4100	ELECTRO-MECH WK-BASE LEARN	CTE - IET	CTE - IET	9	12	Yes
TAL4101	ELECTRO-MECH WK-BASE LEARN A	CTE - IET	CTE - IET	9	12	Yes
TAL4102	ELECTRO-MECH WK-BASE LEARN B	CTE - IET	CTE - IET	9	12	Yes
TAM1000	FOUND MANUFACTURING	CTE - IET	Secondary	9	12	Yes
TAM1001	FOUND MANUFACTURING A	CTE - IET	Secondary	9	12	Yes
TAM1002	FOUND MANUFACTURING B	CTE - IET	Secondary	9	12	Yes
TAM1150	FOUND MANUFACTURING	CTE - IET	Secondary	9	12	Yes
TAM1151	FOUND MANUFACTURING A	CTE - IET	Secondary	9	12	Yes
TAM1152	FOUND MANUFACTURING B	CTE - IET	Secondary	9	12	Yes
TAN2110	WEB DESIGN	CTE - A & C	CTE - A & C	9	12	Yes
TAN2111	WEB DESIGN A	CTE - A & C	CTE - A & C	9	12	Yes
TAN2112	WEB DESIGN B	CTE - A & C	CTE - A & C	9	12	Yes
TAN2115	BROADCAST MEDIA	CTE - A & C	CTE - A & C	9	12	Yes
TAN2116	BROADCAST MEDIA A	CTE - A & C	CTE - A & C	9	12	Yes
TAN2117	BROADCAST MEDIA B	CTE - A & C	CTE - A & C	9	12	Yes
TAN2210	ANIMATION	CTE - A & C	CTE - A & C	9	12	Yes
TAN2211	ANIMATION A	CTE - A & C	CTE - A & C	9	12	Yes
TAN2212	ANIMATION B	CTE - A & C	CTE - A & C	9	12	Yes
TAN2300	FASHION DESIGN 2	CTE - A & C	CTE - A & C	9	12	Yes
TAN2301	FASHION DESIGN 2A	CTE - A & C	CTE - A & C	9	12	Yes
TAN2302	FASHION DESIGN 2B	CTE - A & C	CTE - A & C	9	12	Yes

**SY2023-2024 Career and Technical Education(CTE)
List of Courses Eligible for CTE Shortage Differential**

ACCN No	Course Title	CTE Pathway License Subject Area Requirement	ESSA HQ Qualification Requirement	Begin Grade	End Grade	ACCN Eligible for SY2023-2024 CTE Shortage Differential
TAN2311	GAMING	CTE - A & C	CTE - A & C	9	12	Yes
TAN2312	GAMING A	CTE - A & C	CTE - A & C	9	12	Yes
TAN2313	GAMING B	CTE - A & C	CTE - A & C	9	12	Yes
TAN2400	GRAPHIC DESIGN TECHNOLOGY 2	CTE - A & C	CTE - A & C	9	12	Yes
TAN2401	GRAPHIC DESIGN TECHNOLOGY 2A	CTE - A & C	CTE - A & C	9	12	Yes
TAN2402	GRAPHIC DESIGN TECHNOLOGY 2B	CTE - A & C	CTE - A & C	9	12	Yes
TAO1000	FOUND AG FOOD & NATRL RES	CTE - Natural Resources	Secondary	9	12	Yes
TAO1001	FOUND AG FOOD & NATRL RES A	CTE - Natural Resources	Secondary	9	12	Yes
TAO1002	FOUND AG FOOD & NATRL RES B	CTE - Natural Resources	Secondary	9	12	Yes
TAO1150	FOUND AG FOOD & NATRL RES	CTE - Natural Resources	Secondary	9	12	Yes
TAO1151	FOUND AG FOOD & NATRL RES A	CTE - Natural Resources	Secondary	9	12	Yes
TAO1152	FOUND AG FOOD & NATRL RES B	CTE - Natural Resources	Secondary	9	12	Yes
TAP2000	PRINCIPLES FOOD PRODUCTION	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAP2001	PRINCIPLES FOOD PRODUCTION A	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAP2002	PRINCIPLES FOOD PRODUCTION B	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAR2000	AUTO & ROBO TECH 1	CTE - IET	CTE - IET	9	12	Yes
TAR2001	AUTO & ROBO TECH 1A	CTE - IET	CTE - IET	9	12	Yes
TAR2002	AUTO & ROBO TECH 1B	CTE - IET	CTE - IET	9	12	Yes
TAR3000	AUTO & ROBO TECH 2	CTE - IET	CTE - IET	9	12	Yes
TAR3001	AUTO & ROBO TECH 2A	CTE - IET	CTE - IET	9	12	Yes
TAR3002	AUTO & ROBO TECH 2B	CTE - IET	CTE - IET	9	12	Yes
TAR4000	AUTO & ROBO TECH 3	CTE - IET	CTE - IET	9	12	Yes
TAR4001	AUTO & ROBO TECH 3A	CTE - IET	CTE - IET	9	12	Yes
TAR4002	AUTO & ROBO TECH 3B	CTE - IET	CTE - IET	9	12	Yes
TAR4100	AUTO & ROBO TECH WK-BASE LRN	CTE - IET	CTE - IET	9	12	Yes
TAR4101	AUTO & ROBO TECH WK-BASE LRN A	CTE - IET	CTE - IET	9	12	Yes
TAR4102	AUTO & ROBO TECH WK-BASE LRN B	CTE - IET	CTE - IET	9	12	Yes
TAS2000	SMALL ANIMAL SYSTEMS	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAS2001	SMALL ANIMAL SYSTEMS A	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAS2002	SMALL ANIMAL SYSTEMS B	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAT2000	NATRL RES & WILDLIFE MGMT 1	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAT2001	NATRL RES & WILDLIFE MGMT 1A	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAT2002	NATRL RES & WILDLIFE MGMT 1B	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAT3000	NATRL RES & WILDLIFE MGMT 2	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAT3001	NATRL RES & WILDLIFE MGMT 2A	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAT3002	NATRL RES & WILDLIFE MGMT 2B	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAU2124	GRAPHIC DESIGN TECHNOLOGY 1	CTE - A & C	CTE - A & C	9	12	Yes
TAU2125	GRAPHIC DESIGN TECHNOLOGY 1A	CTE - A & C	CTE - A & C	9	12	Yes

**SY2023-2024 Career and Technical Education (CTE)
List of Courses Eligible for CTE Shortage Differential**

ACCN No	Course Title	CTE Pathway License Subject Area Requirement	ESSA HQ Qualification Requirement	Begin Grade	End Grade	ACCN Eligible for SY2023-2024 CTE Shortage Differential
TAU2126	GRAPHIC DESIGN TECHNOLOGY 1B	CTE - A & C	CTE - A & C	9	12	Yes
TAU2210	DIGITAL MEDIA TECHNOLOGY	CTE - A & C	CTE - A & C	9	12	Yes
TAU2211	DIGITAL MEDIA TECHNOLOGY A	CTE - A & C	CTE - A & C	9	12	Yes
TAU2212	DIGITAL MEDIA TECHNOLOGY B	CTE - A & C	CTE - A & C	9	12	Yes
TAU2310	FASHION DESIGN	CTE - A & C	CTE - A & C	9	12	Yes
TAU2311	FASHION DESIGN A	CTE - A & C	CTE - A & C	9	12	Yes
TAU2312	FASHION DESIGN B	CTE - A & C	CTE - A & C	9	12	Yes
TAU2400	AUDIO ENGINEERING TECHNOLOGY	CTE - A & C	CTE - A & C	9	12	Yes
TAU2401	AUDIO ENGINEERING TECHNOLOGY	CTE - A & C	CTE - A & C	9	12	Yes
TAU2402	AUDIO ENGINEERING TECHNOLOGY	CTE - A & C	CTE - A & C	9	12	Yes
TAW2000	WELDING 1	CTE - IET	CTE - IET	9	12	Yes
TAW2001	WELDING 1A	CTE - IET	CTE - IET	9	12	Yes
TAW2002	WELDING 1B	CTE - IET	CTE - IET	9	12	Yes
TAW3000	WELDING 2	CTE - IET	CTE - IET	9	12	Yes
TAW3001	WELDING 2A	CTE - IET	CTE - IET	9	12	Yes
TAW3002	WELDING 2B	CTE - IET	CTE - IET	9	12	Yes
TAW4100	WELDING WK-BASED LEARNING	CTE - IET	CTE - IET	9	12	Yes
TAW4101	WELDING WK-BASED LEARNING A	CTE - IET	CTE - IET	9	12	Yes
TAW4102	WELDING WK-BASED LEARNING B	CTE - IET	CTE - IET	9	12	Yes
TAY4000	INTRODUCTION GIS MAPPING	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAY4001	INTRODUCTION GIS MAPPING A	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TAY4002	INTRODUCTION GIS MAPPING B	CTE - Natural Resources	CTE - Natural Resources	9	12	Yes
TBA1000	BUSINESS ECONOMICS	CTE - Business	CTE - Business	9	12	Yes
TBA1001	BUSINESS ECONOMICS A	CTE - Business	CTE - Business	9	12	Yes
TBA1002	BUSINESS ECONOMICS B	CTE - Business	CTE - Business	9	12	Yes
TBB1000	FOUND BUSINESS & MARKETING	CTE - Business	Secondary	9	12	Yes
TBB1001	FOUND BUSINESS & MARKETING A	CTE - Business	Secondary	9	12	Yes
TBB1002	FOUND BUSINESS & MARKETING B	CTE - Business	Secondary	9	12	Yes
TBB1150	FOUND BUSINESS & MARKETING	CTE - Business	Secondary	9	12	Yes
TBB1151	FOUND BUSINESS & MARKETING A	CTE - Business	Secondary	9	12	Yes
TBB1152	FOUND BUSINESS & MARKETING B	CTE - Business	Secondary	9	12	Yes
TBD3000	DIGITAL MARKTG & MARK ANALYT	CTE - Business	CTE - Business	9	12	Yes
TBD3001	DIGITAL MARKTG & MARK ANALYT A	CTE - Business	CTE - Business	9	12	Yes
TBD3002	DIGITAL MARKTG & MARK ANALYT B	CTE - Business	CTE - Business	9	12	Yes
TBE2000	ENTREPRENEURSHIP 1	CTE - Business	CTE - Business	9	12	Yes
TBE2001	ENTREPRENEURSHIP 1A	CTE - Business	CTE - Business	9	12	Yes
TBE2002	ENTREPRENEURSHIP 1B	CTE - Business	CTE - Business	9	12	Yes
TBE3000	ENTREPRENEURSHIP 2	CTE - Business	CTE - Business	9	12	Yes

**SY2023-2024 Career and Technical Education (CTE)
List of Courses Eligible for CTE Shortage Differential**

ACCN No	Course Title	CTE Pathway License Subject Area Requirement	ESSA HQ Qualification Requirement	Begin Grade	End Grade	ACCN Eligible for SY2023-2024 CTE Shortage Differential
TBE3001	ENTREPRENEURSHIP 2A	CTE - Business	CTE - Business	9	12	Yes
TBE3002	ENTREPRENEURSHIP 2B	CTE - Business	CTE - Business	9	12	Yes
TBE4100	ENTREPRENEURSHIP WK-BASE LRN	CTE - Business	CTE - Business	9	12	Yes
TBE4101	ENTREPRENEURSHIP WK-BASE LRN A	CTE - Business	CTE - Business	9	12	Yes
TBE4102	ENTREPRENEURSHIP WK-BASE LRN B	CTE - Business	CTE - Business	9	12	Yes
TBF4000	FINANCIAL MANAGEMENT	CTE - Business	CTE - Business	9	12	Yes
TBF4001	FINANCIAL MANAGEMENT A	CTE - Business	CTE - Business	9	12	Yes
TBF4002	FINANCIAL MANAGEMENT B	CTE - Business	CTE - Business	9	12	Yes
TBF4100	FINANCIAL MGMT WK-BASE LRN	CTE - Business	CTE - Business	9	12	Yes
TBF4101	FINANCIAL MGMT WK-BASE LRN A	CTE - Business	CTE - Business	9	12	Yes
TBF4102	FINANCIAL MGMT WK-BASE LRN B	CTE - Business	CTE - Business	9	12	Yes
TBI4000	INTERNATIONAL BUSINESS MGMT	CTE - Business	CTE - Business	9	12	Yes
TBI4001	INTERNATIONAL BUSINESS MGMT A	CTE - Business	CTE - Business	9	12	Yes
TBI4002	INTERNATIONAL BUSINESS MGMT B	CTE - Business	CTE - Business	9	12	Yes
TBI4100	BUSINESS MGMT WK-BASE LEARN	CTE - Business	CTE - Business	9	12	Yes
TBI4101	BUSINESS MGMT WK-BASE LEARN A	CTE - Business	CTE - Business	9	12	Yes
TBI4102	BUSINESS MGMT WK-BASE LEARN B	CTE - Business	CTE - Business	9	12	Yes
TBL2000	LOGISTICS TECHNOLOGY 1	CTE - Business	CTE - Business	9	12	Yes
TBL2001	LOGISTICS TECHNOLOGY 1A	CTE - Business	CTE - Business	9	12	Yes
TBL2002	LOGISTICS TECHNOLOGY 1B	CTE - Business	CTE - Business	9	12	Yes
TBL3000	LOGISTICS TECHNOLOGY 2	CTE - Business	CTE - Business	9	12	Yes
TBL3001	LOGISTICS TECHNOLOGY 2A	CTE - Business	CTE - Business	9	12	Yes
TBL3002	LOGISTICS TECHNOLOGY 2B	CTE - Business	CTE - Business	9	12	Yes
TBL4000	LOGISTICS TECHNOLOGY 3	CTE - Business	CTE - Business	9	12	Yes
TBL4001	LOGISTICS TECHNOLOGY 3A	CTE - Business	CTE - Business	9	12	Yes
TBL4002	LOGISTICS TECHNOLOGY 3B	CTE - Business	CTE - Business	9	12	Yes
TBL4100	SUPPLY CHAIN LOG WK-BASE LRN	CTE - Business	CTE - Business	9	12	Yes
TBL4101	SUPPLY CHAIN LOG WK-BASE LRN A	CTE - Business	CTE - Business	9	12	Yes
TBL4102	SUPPLY CHAIN LOG WK-BASE LRN B	CTE - Business	CTE - Business	9	12	Yes
TBM0100	M FOUND BUSINESS & MARKETING	CTE - Business	Secondary	6	8	Yes
TBM0101	M FOUND BUSINESS & MARKETING A	CTE - Business	Secondary	6	8	Yes
TBM0102	M FOUND BUSINESS & MARKETING B	CTE - Business	Secondary	6	8	Yes
TBM4000	MARKETING OPERATIONS	CTE - Business	CTE - Business	9	12	Yes
TBM4001	MARKETING OPERATIONS A	CTE - Business	CTE - Business	9	12	Yes
TBM4002	MARKETING OPERATIONS B	CTE - Business	CTE - Business	9	12	Yes
TBM4100	MARKETING WK-BASED LEARNING	CTE - Business	CTE - Business	9	12	Yes
TBM4101	MARKETING WK-BASED LEARNING A	CTE - Business	CTE - Business	9	12	Yes
TBM4102	MARKETING WK-BASED LEARNING B	CTE - Business	CTE - Business	9	12	Yes

**SY2023-2024 Career and Technical Education (CTE)
List of Courses Eligible for CTE Shortage Differential**

ACCN No	Course Title	CTE Pathway License Subject Area Requirement	ESSA HQ Qualification Requirement	Begin Grade	End Grade	ACCN Eligible for SY2023-2024 CTE Shortage Differential
TBN3810	ENTREPRENEURSHIP	CTE - Business	CTE - Business	9	12	Yes
TBN3811	ENTREPRENEURSHIP A	CTE - Business	CTE - Business	9	12	Yes
TBN3812	ENTREPRENEURSHIP B	CTE - Business	CTE - Business	9	12	Yes
TBO2000	BUSINESS COMMUNICATIONS	CTE - Business	CTE - Business	9	12	Yes
TBO2001	BUSINESS COMMUNICATIONS A	CTE - Business	CTE - Business	9	12	Yes
TBO2002	BUSINESS COMMUNICATIONS B	CTE - Business	CTE - Business	9	12	Yes
TBP2000	PRINCIPLES FINANCE & ECON	CTE - Business	CTE - Business	9	12	Yes
TBP2001	PRINCIPLES FINANCE & ECON A	CTE - Business	CTE - Business	9	12	Yes
TBP2002	PRINCIPLES FINANCE & ECON B	CTE - Business	CTE - Business	9	12	Yes
TBR2000	ADVERTISING & PUBLIC RELATNS	CTE - Business	CTE - Business	9	12	Yes
TBR2001	ADVERTISING & PUBLIC RELATNS A	CTE - Business	CTE - Business	9	12	Yes
TBR2002	ADVERTISING & PUBLIC RELATNS B	CTE - Business	CTE - Business	9	12	Yes
TBS3000	BUSINESS STRAT & PLANNING	CTE - Business	CTE - Business	9	12	Yes
TBS3001	BUSINESS STRAT & PLANNING A	CTE - Business	CTE - Business	9	12	Yes
TBS3002	BUSINESS STRAT & PLANNING B	CTE - Business	CTE - Business	9	12	Yes
TBT3000	ACCOUNTING	CTE - Business	CTE - Business	9	12	Yes
TBT3001	ACCOUNTING A	CTE - Business	CTE - Business	9	12	Yes
TBT3002	ACCOUNTING B	CTE - Business	CTE - Business	9	12	Yes
TCA2000	FASHION & ARTISAN DESIGN 1	CTE - A & C	CTE - A & C	9	12	Yes
TCA2001	FASHION & ARTISAN DESIGN 1A	CTE - A & C	CTE - A & C	9	12	Yes
TCA2002	FASHION & ARTISAN DESIGN 1B	CTE - A & C	CTE - A & C	9	12	Yes
TCA3000	FASHION & ARTISAN DESIGN 2	CTE - A & C	CTE - A & C	9	12	Yes
TCA3001	FASHION & ARTISAN DESIGN 2A	CTE - A & C	CTE - A & C	9	12	Yes
TCA3002	FASHION & ARTISAN DESIGN 2B	CTE - A & C	CTE - A & C	9	12	Yes
TCA4100	FASH ART DESIGN WK-BASE LRN	CTE - A & C	CTE - A & C	9	12	Yes
TCA4101	FASH ART DESIGN WK-BASE LRN A	CTE - A & C	CTE - A & C	9	12	Yes
TCA4102	FASH ART DESIGN WK-BASE LRN B	CTE - A & C	CTE - A & C	9	12	Yes
TCC1000	FOUND CREATIVE MEDIA	CTE - A & C	Secondary	9	12	Yes
TCC1001	FOUND CREATIVE MEDIA A	CTE - A & C	Secondary	9	12	Yes
TCC1002	FOUND CREATIVE MEDIA B	CTE - A & C	Secondary	9	12	Yes
TCC1150	FOUND CREATIVE MEDIA	CTE - A & C	Secondary	9	12	Yes
TCC1151	FOUND CREATIVE MEDIA A	CTE - A & C	Secondary	9	12	Yes
TCC1152	FOUND CREATIVE MEDIA B	CTE - A & C	Secondary	9	12	Yes
TCD2000	DIGITAL DESIGN 1	CTE - A & C	CTE - A & C	9	12	Yes
TCD2001	DIGITAL DESIGN 1A	CTE - A & C	CTE - A & C	9	12	Yes
TCD2002	DIGITAL DESIGN 1B	CTE - A & C	CTE - A & C	9	12	Yes
TCD3000	DIGITAL DESIGN 2	CTE - A & C	CTE - A & C	9	12	Yes
TCD3001	DIGITAL DESIGN 2A	CTE - A & C	CTE - A & C	9	12	Yes

**SY2023-2024 Career and Technical Education (CTE)
List of Courses Eligible for CTE Shortage Differential**

ACCN No	Course Title	CTE Pathway License Subject Area Requirement	ESSA HQ Qualification Requirement	Begin Grade	End Grade	ACCN Eligible for SY2023-2024 CTE Shortage Differential
TCD3002	DIGITAL DESIGN 2B	CTE - A & C	CTE - A & C	9	12	Yes
TCD4100	DIGITAL DESIGN WK-BASE LEARN	CTE - A & C	CTE - A & C	9	12	Yes
TCD4101	DIGITAL DESIGN WK-BASE LEARN A	CTE - A & C	CTE - A & C	9	12	Yes
TCD4102	DIGITAL DESIGN WK-BASE LEARN B	CTE - A & C	CTE - A & C	9	12	Yes
TCF1000	FOUNDATIONS OF CONSTRUCTION	CTE - IET	Secondary	9	12	Yes
TCF1001	FOUNDATIONS OF CONSTRUCTION A	CTE - IET	Secondary	9	12	Yes
TCF1002	FOUNDATIONS OF CONSTRUCTION B	CTE - IET	Secondary	9	12	Yes
TCF1150	FOUND OF CONSTRUCTION	CTE - IET	Secondary	9	12	Yes
TCF1151	FOUND OF CONSTRUCTION A	CTE - IET	Secondary	9	12	Yes
TCF1152	FOUND OF CONSTRUCTION B	CTE - IET	Secondary	9	12	Yes
TCM0100	M FOUND OF CONSTRUCTION	CTE - IET	Secondary	6	8	Yes
TCM0101	M FOUND OF CONSTRUCTION A	CTE - IET	Secondary	6	8	Yes
TCM0102	M FOUND OF CONSTRUCTION B	CTE - IET	Secondary	6	8	Yes
TCM2000	MECH ELEC PLUMB SYSTEMS 1	CTE - IET	CTE - IET	9	12	Yes
TCM2001	MECH ELEC PLUMB SYSTEMS 1A	CTE - IET	CTE - IET	9	12	Yes
TCM2002	MECH ELEC PLUMB SYSTEMS 1B	CTE - IET	CTE - IET	9	12	Yes
TCM3000	MECH ELEC PLUMB SYSTEMS 2	CTE - IET	CTE - IET	9	12	Yes
TCM3001	MECH ELEC PLUMB SYSTEMS 2A	CTE - IET	CTE - IET	9	12	Yes
TCM3002	MECH ELEC PLUMB SYSTEMS 2B	CTE - IET	CTE - IET	9	12	Yes
TCM4100	MEP SYSTEMS WK-BASE LEARN	CTE - IET	CTE - IET	9	12	Yes
TCM4101	MEP SYSTEMS WK-BASE LEARN A	CTE - IET	CTE - IET	9	12	Yes
TCM4102	MEP SYSTEMS WK-BASE LEARN B	CTE - IET	CTE - IET	9	12	Yes
TCO1000	FOUND FASHION ARTISAN DESIGN	CTE - A & C	Secondary	9	12	Yes
TCO1001	FOUND FASHION ARTISAN DESIGN A	CTE - A & C	Secondary	9	12	Yes
TCO1002	FOUND FASHION ARTISAN DESIGN B	CTE - A & C	Secondary	9	12	Yes
TCO1150	FOUND FASH ARTISAN DESIGN	CTE - A & C	Secondary	9	12	Yes
TCO1151	FOUND FASH ARTISAN DESIGN A	CTE - A & C	Secondary	9	12	Yes
TCO1152	FOUND FASH ARTISAN DESIGN B	CTE - A & C	Secondary	9	12	Yes
TCP3000	FILM & MEDIA PRODUCTION 1	CTE - A & C	CTE - A & C	9	12	Yes
TCP3001	FILM & MEDIA PRODUCTION 1A	CTE - A & C	CTE - A & C	9	12	Yes
TCP3002	FILM & MEDIA PRODUCTION 1B	CTE - A & C	CTE - A & C	9	12	Yes
TCP4000	FILM & MEDIA PRODUCTION 2	CTE - A & C	CTE - A & C	9	12	Yes
TCP4001	FILM & MEDIA PRODUCTION 2A	CTE - A & C	CTE - A & C	9	12	Yes
TCP4002	FILM & MEDIA PRODUCTION 2B	CTE - A & C	CTE - A & C	9	12	Yes
TCP4100	FILM MEDIA PROD WK-BASE LRN	CTE - A & C	CTE - A & C	9	12	Yes
TCP4101	FILM MEDIA PROD WK-BASE LRN A	CTE - A & C	CTE - A & C	9	12	Yes
TCP4102	FILM MEDIA PROD WK-BASE LRN B	CTE - A & C	CTE - A & C	9	12	Yes
TCR2000	RES COM CONSTRUCTION 1	CTE - IET	CTE - IET	9	12	Yes

**SY2023-2024 Career and Technical Education (CTE)
List of Courses Eligible for CTE Shortage Differential**

ACCN No	Course Title	CTE Pathway License Subject Area Requirement	ESSA HQ Qualification Requirement	Begin Grade	End Grade	ACCN Eligible for SY2023-2024 CTE Shortage Differential
TCR2001	RES COM CONSTRUCTION 1A	CTE - IET	CTE - IET	9	12	Yes
TCR2002	RES COM CONSTRUCTION 1B	CTE - IET	CTE - IET	9	12	Yes
TCR3000	RES COM CONSTRUCTION 2	CTE - IET	CTE - IET	9	12	Yes
TCR3001	RES COM CONSTRUCTION 2A	CTE - IET	CTE - IET	9	12	Yes
TCR3002	RES COM CONSTRUCTION 2B	CTE - IET	CTE - IET	9	12	Yes
TCR4100	RES COM CONS WK-BASE LEARN	CTE - IET	CTE - IET	9	12	Yes
TCR4101	RES COM CONS WK-BASE LEARN A	CTE - IET	CTE - IET	9	12	Yes
TCR4102	RES COM CONS WK-BASE LEARN B	CTE - IET	CTE - IET	9	12	Yes
TCV2000	DIGITAL VIDEO TECHNOLOGY	CTE - A & C	CTE - A & C	9	12	Yes
TCV2001	DIGITAL VIDEO TECHNOLOGY A	CTE - A & C	CTE - A & C	9	12	Yes
TCV2002	DIGITAL VIDEO TECHNOLOGY B	CTE - A & C	CTE - A & C	9	12	Yes
TDM0100	M FOUND ARCH DESIGN	CTE - IET	Secondary	6	8	Yes
TDM0101	M FOUND ARCH DESIGN A	CTE - IET	Secondary	6	8	Yes
TDM0102	M FOUND ARCH DESIGN B	CTE - IET	Secondary	6	8	Yes
TEA2000	ALTERNATIVE FUELS TECH 1	CTE - IET	CTE - IET	9	12	Yes
TEA2001	ALTERNATIVE FUELS TECH 1A	CTE - IET	CTE - IET	9	12	Yes
TEA2002	ALTERNATIVE FUELS TECH 1B	CTE - IET	CTE - IET	9	12	Yes
TEA3000	ALTERNATIVE FUELS TECH 2	CTE - IET	CTE - IET	9	12	Yes
TEA3001	ALTERNATIVE FUELS TECH 2A	CTE - IET	CTE - IET	9	12	Yes
TEA3002	ALTERNATIVE FUELS TECH 2B	CTE - IET	CTE - IET	9	12	Yes
TEA4000	ALTERNATIVE FUELS TECH 3	CTE - IET	CTE - IET	9	12	Yes
TEA4001	ALTERNATIVE FUELS TECH 3A	CTE - IET	CTE - IET	9	12	Yes
TEA4002	ALTERNATIVE FUELS TECH 3B	CTE - IET	CTE - IET	9	12	Yes
TEA4100	ALT FUELS TECH WK-BASE LEARN	CTE - IET	CTE - IET	9	12	Yes
TEA4101	ALT FUELS TECH WK-BASE LEARN A	CTE - IET	CTE - IET	9	12	Yes
TEA4102	ALT FUELS TECH WK-BASE LEARN B	CTE - IET	CTE - IET	9	12	Yes
TEC8010	EDUCATION PATH CORE	CTE - PHS	License	9	12	Yes
TEC8011	EDUCATION PATH CORE A	CTE - PHS	License	9	12	Yes
TEC8012*	EDUCATION PATH CORE B	CTE - PHS	License	9	12	Yes
TEE2000	RENEWABLE ENERGIES TECH 1	CTE - IET	CTE - IET	9	12	Yes
TEE2001	RENEWABLE ENERGIES TECH 1A	CTE - IET	CTE - IET	9	12	Yes
TEE2002	RENEWABLE ENERGIES TECH 1B	CTE - IET	CTE - IET	9	12	Yes
TEF1000	FOUNDATIONS OF EDUCATION	CTE - PHS	Secondary	9	12	Yes
TEF1001	FOUNDATIONS OF EDUCATION A	CTE - PHS	Secondary	9	12	Yes
TEF1002	FOUNDATIONS OF EDUCATION B	CTE - PHS	Secondary	9	12	Yes
TEF1150	FOUNDATIONS OF EDUCATION	CTE - PHS	Secondary	9	12	Yes
TEF1151	FOUNDATIONS OF EDUCATION A	CTE - PHS	Secondary	9	12	Yes
TEF1152	FOUNDATIONS OF EDUCATION B	CTE - PHS	Secondary	9	12	Yes

**SY2023-2024 Career and Technical Education (CTE)
List of Courses Eligible for CTE Shortage Differential**

ACCN No	Course Title	CTE Pathway License Subject Area Requirement	ESSA HQ Qualification Requirement	Begin Grade	End Grade	ACCN Eligible for SY2023-2024 CTE Shortage Differential
TEG0010	CAREER/TECHNICAL EDUCATION, GRADE 1	Elementary	Elementary	1	1	No
TEG0020	CAREER/TECHNICAL EDUCATION, GRADE 2	Elementary	Elementary	2	2	No
TEG0030	CAREER/TECHNICAL EDUCATION, GRADE 3	Elementary	Elementary	3	3	No
TEG0040	CAREER/TECHNICAL EDUCATION, GRADE 4	Elementary	Elementary	4	4	No
TEG0050	CAREER/TECHNICAL EDUCATION, GRADE 5	Elementary	Elementary	5	5	No
TEG0060	CAREER/TECHNICAL EDUCATION, GRADE 6	Elementary	Elementary	6	6	No
TEG0091	CAREER/TECHNICAL EDUCATION, GRADE K	Elementary	Elementary	91	91	No
TEG0600	CAREER/TECHNICAL EDUCATION, GRADE 6	Elementary	Elementary	6	6	No
TEL2000	LEARNING SUPPORT PROFESSIONALS 1	CTE - PHS	License	9	12	Yes
TEL2001*	LEARNING SUPPORT PROFESSIONALS 1A	CTE - PHS	License	9	12	Yes
TEL2002*	LEARNING SUPPORT PROFESSIONALS 1B	CTE - PHS	License	9	12	Yes
TEL3000	LEARNING SUPPORT PROFESSIONALS 2	CTE - PHS	License	9	12	Yes
TEL3001*	LEARNING SUPPORT PROFESSIONALS 2A	CTE - PHS	License	9	12	Yes
TEL3002*	LEARNING SUPPORT PROFESSIONALS 2B	CTE - PHS	License	9	12	Yes
TEL4100	LEARNING SUPPORT PROFESSIONALS WORK-BASED LEARNING	CTE - PHS	License	9	12	Yes
TEL4101*	LEARNING SUPPORT PROFESSIONALS WORK-BASED LEARNING A	CTE - PHS	License	9	12	Yes
TEL4102*	LEARNING SUPPORT PROFESSIONALS WORK-BASED LEARNING B	CTE - PHS	License	9	12	Yes
TEM0100	M FOUNDATIONS OF EDUCATION	CTE - PHS	Secondary	6	8	Yes
TEM0101	M FOUNDATIONS OF EDUCATION A	CTE - PHS	Secondary	6	8	Yes
TEM0102	M FOUNDATIONS OF EDUCATION B	CTE - PHS	Secondary	6	8	Yes
TEO1000	FOUNDATIONS OF ENERGY	CTE - IET	Secondary	9	12	Yes
TEO1001	FOUNDATIONS OF ENERGY A	CTE - IET	Secondary	9	12	Yes
TEO1002	FOUNDATIONS OF ENERGY B	CTE - IET	Secondary	9	12	Yes
TEO1150	FOUND OF ENERGY	CTE - IET	Secondary	9	12	Yes
TEO1151	FOUNDATIONS OF ENERGY A	CTE - IET	Secondary	9	12	Yes
TEO1152	FOUNDATIONS OF ENERGY B	CTE - IET	Secondary	9	12	Yes
TEP2000	POWER GRID TECH 1	CTE - IET	CTE - IET	9	12	Yes
TEP2001	POWER GRID TECH 1A	CTE - IET	CTE - IET	9	12	Yes
TEP2002	POWER GRID TECH 1B	CTE - IET	CTE - IET	9	12	Yes
TEP3000	POWER GRID TECH 2	CTE - IET	CTE - IET	9	12	Yes
TEP3001	POWER GRID TECH 2A	CTE - IET	CTE - IET	9	12	Yes
TEP3002	POWER GRID TECH 2B	CTE - IET	CTE - IET	9	12	Yes
TEP4100	POWER GRID TECH WK-BASE LRN	CTE - IET	CTE - IET	9	12	Yes
TEP4101	POWER GRID TECH WK-BASE LRN A	CTE - IET	CTE - IET	9	12	Yes
TEP4102	POWER GRID TECH WK-BASE LRN B	CTE - IET	CTE - IET	9	12	Yes
TER3000	RENEWABLE ENERGIES TECH 2	CTE - IET	CTE - IET	9	12	Yes
TER3001	RENEWABLE ENERGIES TECH 2A	CTE - IET	CTE - IET	9	12	Yes
TER3002	RENEWABLE ENERGIES TECH 2B	CTE - IET	CTE - IET	9	12	Yes

**SY2023-2024 Career and Technical Education (CTE)
List of Courses Eligible for CTE Shortage Differential**

ACCN No	Course Title	CTE Pathway License Subject Area Requirement	ESSA HQ Qualification Requirement	Begin Grade	End Grade	ACCN Eligible for SY2023-2024 CTE Shortage Differential
TER4000	RENEWABLE ENERGIES TECH 3	CTE - IET	CTE - IET	9	12	Yes
TER4001	RENEWABLE ENERGIES TECH 3A	CTE - IET	CTE - IET	9	12	Yes
TER4002	RENEWABLE ENERGIES TECH 3B	CTE - IET	CTE - IET	9	12	Yes
TER4100	RENEW ENER TECH WK-BASE LRN	CTE - IET	CTE - IET	9	12	Yes
TER4101	RENEW ENER TECH WK-BASE LRN A	CTE - IET	CTE - IET	9	12	Yes
TER4102	RENEW ENER TECH WK-BASE LRN B	CTE - IET	CTE - IET	9	12	Yes
TET2000	TEACHING AS A PROFESSION 1	CTE - PHS	License	9	12	Yes
TET2001*	TEACHING AS A PROFESSION 1A	CTE - PHS	License	9	12	Yes
TET2002*	TEACHING AS A PROFESSION 1B	CTE - PHS	License	9	12	Yes
TET3000	TEACHING AS A PROFESSION 2	CTE - PHS	License	9	12	Yes
TET3001*	TEACHING AS A PROFESSION 2A	CTE - PHS	License	9	12	Yes
TET3002*	TEACHING AS A PROFESSION 2B	CTE - PHS	License	9	12	Yes
TET4100	TEACH AS A PROFESSION WORK-BASED LEARNING	CTE - PHS	License	9	12	Yes
TET4101*	TEACH AS A PROFESSION WORK-BASED LEARNING A	CTE - PHS	License	9	12	Yes
TET4102*	TEACH AS A PROFESSION WORK-BASED LEARNING B	CTE - PHS	License	9	12	Yes
TFM0100	M FOUND OF FIRE & EMERG SERV	CTE - PHS	Secondary	6	8	Yes
TFM0101	M FOUND OF FIRE & EMERG SERV A	CTE - PHS	Secondary	6	8	Yes
TFM0102	M FOUND OF FIRE & EMERG SERV B	CTE - PHS	Secondary	6	8	Yes
TGG1011	COLLEGE PREPARATORY SKILLS	Post High School Prep	Secondary	9	12	No
TGG1012*	COLLEGE PREPARATORY SKILLS A	Post High School Prep	Secondary	9	12	No
TGG1013*	COLLEGE PREPARATORY SKILLS B	Post High School Prep	Secondary	9	12	No
TGG1020	NUTRITION AND HEALTH IN THE KITCHEN	Multidisciplinary	Secondary	9	12	No
TGG1021	NUTRTRN & HLTH IN THE KITCHEN A	Multidisciplinary	Secondary	9	12	No
TGG1022	NUTRTRN & HLTH IN THE KITCHEN B	Multidisciplinary	Secondary	9	12	No
TGG1100	CAREER AND LIFE PLANNING	Guidance	Secondary	9	12	No
TGG1101	PATHWAY EXPLORATIONS 1	Guidance	Secondary	9	12	No
TGG1102	PATHWAY EXPLORATIONS 2	Guidance	Secondary	9	12	No
TGG1103	TRANSITIONS TO HIGH SCHOOL	Guidance	Secondary	9	10	No
TGG1104	ADVANCED GUIDANCE	Guidance	Secondary	9	12	No
TGG1105	PERSONAL AND TRANSITION PLAN	Guidance	Secondary	9	12	No
TGG1106	CAREER AND ACADEMIC PLANNING GRADE 9	Guidance	Secondary	9	12	No
TGG1107	CAREER AND ACADEMIC PLANNING GRADE 10	Guidance	Secondary	9	12	No
TGG1108	CAREER AND ACADEMIC PLANNING GRADE 11	Guidance	Secondary	9	12	No
TGG1300	GRADS (GRADUATION, REALITY AND DUAL ROLE SKILLS)	Guidance	Secondary	7	12	Yes
TGG1400	EXPLORING TECHNOLOGY	CTE - IET	CTE - IET	9	12	Yes
TGG1500	WORK-BASED LEARNING	Post High School Prep	Secondary	9	12	No
TGG4100	GENERAL WORK-BASED LEARNING	Post High School Prep	Secondary	9	12	No
TGG4101*	GENERAL WORK-BASED LEARNING A	Post High School Prep	Secondary	9	12	No

**SY2023-2024 Career and Technical Education (CTE)
List of Courses Eligible for CTE Shortage Differential**

ACCN No	Course Title	CTE Pathway License Subject Area Requirement	ESSA HQ Qualification Requirement	Begin Grade	End Grade	ACCN Eligible for SY2023-2024 CTE Shortage Differential
TGG4102*	GENERAL WORK-BASED LEARNING B	Post High School Prep	Secondary	9	12	No
TGG5316	CONSTRUCTION ACADEMY (CA), BLUEPRINT READING	CTE - IET	CTE - IET	10	12	Yes
TGG5720	CONSTRUCTION ACADEMY: FUNDAMENTALS OF ELECTRICITY	CTE - IET	CTE - IET	10	12	Yes
TGG5813	CONSTRUCTION ACADEMY: FOR THE CARPENTRY INDUSTRY	CTE - IET	CTE - IET	10	12	Yes
TGG8090	COLLEGE & CAREER READY PREPARATORY SKILLS GR 9	Post High School Prep	Secondary	9	9	No
TGG8091*	COLLEGE & CAREER READY PREPARATORY SKILLS GR 9A	Post High School Prep	Secondary	9	9	No
TGG8092*	COLLEGE & CAREER READY PREPARATORY SKILLS GR 9B	Post High School Prep	Secondary	9	9	No
TGG8100	COLLEGE & CAREER READY PREPARATORY SKILLS GR 10	Post High School Prep	Secondary	10	10	No
TGG8101*	COLLEGE & CAREER READY PREPARATORY SKILLS GR 10A	Post High School Prep	Secondary	10	10	No
TGG8102*	COLLEGE & CAREER READY PREPARATORY SKILLS GR 10B	Post High School Prep	Secondary	10	10	No
TGG8110	COLLEGE & CAREER READY PREPARATORY SKILLS GR 11	Post High School Prep	Secondary	11	11	No
TGG8111*	COLLEGE & CAREER READY PREPARATORY SKILLS GR 11A	Post High School Prep	Secondary	11	11	No
TGG8112*	COLLEGE & CAREER READY PREPARATORY SKILLS GR 11B	Post High School Prep	Secondary	11	11	No
TGG8120	COLLEGE & CAREER READY PREPARATORY SKILLS GR 12	Post High School Prep	Secondary	12	12	No
TGG8121*	COLLEGE & CAREER READY PREPARATORY SKILLS GR 12A	Post High School Prep	Secondary	12	12	No
TGG8122*	COLLEGE & CAREER READY PREPARATORY SKILLS GR 12B	Post High School Prep	Secondary	12	12	No
TGM0100	M FOUND ENGINEERING TECH	CTE - IET	Secondary	6	8	Yes
TGM0101	M FOUND ENGINEERING TECH A	CTE - IET	Secondary	6	8	Yes
TGM0102	M FOUND ENGINEERING TECH B	CTE - IET	Secondary	6	8	Yes
THA2000	ADVANCED HLTH SVCS	CTE - Health Services	CTE - Health Services	9	12	Yes
THA2001	ADVANCED HLTH SVCS A	CTE - Health Services	CTE - Health Services	9	12	Yes
THA2002	ADVANCED HLTH SVCS B	CTE - Health Services	CTE - Health Services	9	12	Yes
THB3000	BIostatISTICS & EPIDEMIOLOGY	CTE - Health Services	CTE - Health Services	9	12	Yes
THB3001	BIostatISTICS & EPIDEMIOLOGY A	CTE - Health Services	CTE - Health Services	9	12	Yes
THB3002	BIostatISTICS & EPIDEMIOLOGY B	CTE - Health Services	CTE - Health Services	9	12	Yes
THC4010	HEALTH SERVICES CAREER PATHWAY CORE	CTE - Health Services	CTE - Health Services	9	12	Yes
THC4011*	HEALTH SERVICES CAREER PATHWAY CORE A	CTE - Health Services	CTE - Health Services	9	12	Yes
THC4012*	HEALTH SERVICES CAREER PATHWAY CORE B	CTE - Health Services	CTE - Health Services	9	12	Yes
THD3000	DIAGNOSTIC SERVICES 1	CTE - Health Services	CTE - Health Services	9	12	Yes
THD3001	DIAGNOSTIC SERVICES 1A	CTE - Health Services	CTE - Health Services	9	12	Yes
THD3002	DIAGNOSTIC SERVICES 1B	CTE - Health Services	CTE - Health Services	9	12	Yes
THD4000	DIAGNOSTIC SERVICES 2	CTE - Health Services	CTE - Health Services	9	12	Yes
THD4001	DIAGNOSTIC SERVICES 2A	CTE - Health Services	CTE - Health Services	9	12	Yes
THD4002	DIAGNOSTIC SERVICES 2B	CTE - Health Services	CTE - Health Services	9	12	Yes
THD4100	DIAGNOSTIC SVCS WK-BASE LEARN	CTE - Health Services	CTE - Health Services	9	12	Yes
THD4101	DIAGNOSTIC SVCS WK-BASE LRN A	CTE - Health Services	CTE - Health Services	9	12	Yes
THD4102	DIAGNOSTIC SVCS WK-BASE LRN B	CTE - Health Services	CTE - Health Services	9	12	Yes
THE4000	EMERGENCY COMM & OPS	CTE - Health Services	CTE - Health Services	9	12	Yes

**SY2023-2024 Career and Technical Education (CTE)
List of Courses Eligible for CTE Shortage Differential**

ACCN No	Course Title	CTE Pathway License Subject Area Requirement	ESSA HQ Qualification Requirement	Begin Grade	End Grade	ACCN Eligible for SY2023-2024 CTE Shortage Differential
THE4001	EMERGENCY COMM & OPS A	CTE - Health Services	CTE - Health Services	9	12	Yes
THE4002	EMERGENCY COMM & OPS B	CTE - Health Services	CTE - Health Services	9	12	Yes
THF1000	FOUND HEALTH SERVICES	CTE - Health Services	Secondary	9	12	Yes
THF1001	FOUND HEALTH SERVICES A	CTE - Health Services	Secondary	9	12	Yes
THF1002	FOUND HEALTH SERVICES B	CTE - Health Services	Secondary	9	12	Yes
THF1150	FOUND HEALTH SERVICES	CTE - Health Services	Secondary	9	12	Yes
THF1151	FOUND HEALTH SERVICES A	CTE - Health Services	Secondary	9	12	Yes
THF1152	FOUND HEALTH SERVICES B	CTE - Health Services	Secondary	9	12	Yes
THH4100	PUB HEALTH SVCS WK-BASE LEARN	CTE - Health Services	CTE - Health Services	9	12	Yes
THH4101	PUB HEALTH SVCS WK-BASE LRN A	CTE - Health Services	CTE - Health Services	9	12	Yes
THH4102	PUB HEALTH SVCS WK-BASE LRN B	CTE - Health Services	CTE - Health Services	9	12	Yes
THI2000	INTRO PUBLIC HEALTH	CTE - Health Services	CTE - Health Services	9	12	Yes
THI2001	INTRO PUBLIC HEALTH A	CTE - Health Services	CTE - Health Services	9	12	Yes
THI2002	INTRO PUBLIC HEALTH B	CTE - Health Services	CTE - Health Services	9	12	Yes
THK4910	CO-OPERATIVE EDUCATION: HEALTH SERVICES	CTE - Health Services	Secondary	9	12	No
THK4911*	CO-OPERATIVE EDUCATION: HEALTH SERVICES A	CTE - Health Services	Secondary	9	12	No
THK4912*	CO-OPERATIVE EDUCATION: HEALTH SERVICES B	CTE - Health Services	Secondary	9	12	No
THK4930	DIRECTED STUDY IN HEALTH SERVICES	CTE - Health Services	CTE - Health Services	9	12	Yes
THK4931*	DIRECTED STUDY IN HEALTH SERVICES A	CTE - Health Services	CTE - Health Services	9	12	Yes
THK4932*	DIRECTED STUDY IN HEALTH SERVICES B	CTE - Health Services	CTE - Health Services	9	12	Yes
THK4990	HEALTH SERVICES CAREER PATHWAY CAPSTONE	CTE - Health Services	Secondary	11	12	Yes
THK4991*	HEALTH SERVICES CAREER PATHWAY CAPSTONE A	CTE - Health Services	Secondary	11	12	Yes
THK4992*	HEALTH SERVICES CAREER PATHWAY CAPSTONE B	CTE - Health Services	Secondary	11	12	Yes
THM0100	M FOUND HEALTH SERVICES	CTE - Health Services	Secondary	6	8	Yes
THM0101	M FOUND HEALTH SERVICES A	CTE - Health Services	Secondary	6	8	Yes
THM0102	M FOUND HEALTH SERVICES B	CTE - Health Services	Secondary	6	8	Yes
THM3000	EMERGENCY MED SVCS 1	CTE - Health Services	CTE - Health Services	9	12	Yes
THM3001	EMERGENCY MED SVCS 1A	CTE - Health Services	CTE - Health Services	9	12	Yes
THM3002	EMERGENCY MED SVCS 1B	CTE - Health Services	CTE - Health Services	9	12	Yes
THM4000	EMERGENCY MED SVCS 2	CTE - Health Services	CTE - Health Services	9	12	Yes
THM4001	EMERGENCY MED SVCS 2A	CTE - Health Services	CTE - Health Services	9	12	Yes
THM4002	EMERGENCY MED SVCS 2B	CTE - Health Services	CTE - Health Services	9	12	Yes
THM4100	EMRGNCY MED SVCS WK-BASE LEARN	CTE - Health Services	CTE - Health Services	9	12	Yes
THM4101	EMRGNCY MED SVCS WK-BASE LRN A	CTE - Health Services	CTE - Health Services	9	12	Yes
THM4102	EMRGNCY MED SVCS WK-BASE LRN B	CTE - Health Services	CTE - Health Services	9	12	Yes
THN4030	HEALTH AND NUTRITION 2	CTE - Health Services	CTE - Health Services	9	12	Yes
THN4031*	HEALTH AND NUTRITION 2A	CTE - Health Services	CTE - Health Services	9	12	Yes
THN4032*	HEALTH AND NUTRITION 2B	CTE - Health Services	CTE - Health Services	9	12	Yes

**SY2023-2024 Career and Technical Education (CTE)
List of Courses Eligible for CTE Shortage Differential**

ACCN No	Course Title	CTE Pathway License Subject Area Requirement	ESSA HQ Qualification Requirement	Begin Grade	End Grade	ACCN Eligible for SY2023-2024 CTE Shortage Differential
THN4100	NURSE'S AIDE TRAINING	CTE - Health Services	Secondary	11	12	Yes
THN4101*	NURSE'S AIDE TRAINING A	CTE - Health Services	Secondary	11	12	Yes
THN4102*	NURSE'S AIDE TRAINING B	CTE - Health Services	Secondary	11	12	Yes
THN4200	MEDICAL ASSISTING 2	CTE - Health Services	Secondary	9	12	Yes
THN4201	MEDICAL ASSISTING 2A	CTE - Health Services	Secondary	9	12	Yes
THN4202	MEDICAL ASSISTING 2B	CTE - Health Services	Secondary	9	12	Yes
THN4410	EMERGENCY MEDICAL SERVICES	CTE - Health Services	CTE - Health Services	9	12	Yes
THN4411*	EMERGENCY MEDICAL SERVICES A	CTE - Health Services	CTE - Health Services	9	12	Yes
THN4412*	EMERGENCY MEDICAL SERVICES B	CTE - Health Services	CTE - Health Services	9	12	Yes
THN4413	HEALTH INFORMATICS	CTE - Health Services	CTE - Health Services	9	12	Yes
THN4414*	HEALTH INFORMATICS A	CTE - Health Services	CTE - Health Services	9	12	Yes
THN4415*	HEALTH INFORMATICS B	CTE - Health Services	CTE - Health Services	9	12	Yes
THO3000	MEDICAL BIOTECHNOLOGY 1	CTE - Health Services	CTE - Health Services	9	12	Yes
THO3001	MEDICAL BIOTECHNOLOGY 1A	CTE - Health Services	CTE - Health Services	9	12	Yes
THO3002	MEDICAL BIOTECHNOLOGY 1B	CTE - Health Services	CTE - Health Services	9	12	Yes
THP3000	PRINCIPLES THERAPEUTIC SVCS	CTE - Health Services	CTE - Health Services	9	12	Yes
THP3001	PRINCIPLES THERAPEUTIC SVCS A	CTE - Health Services	CTE - Health Services	9	12	Yes
THP3002	PRINCIPLES THERAPEUTIC SVCS B	CTE - Health Services	CTE - Health Services	9	12	Yes
THS3000	NURSING SERVICES 1	CTE - Health Services	CTE - Health Services	9	12	Yes
THS3001	NURSING SERVICES 1A	CTE - Health Services	CTE - Health Services	9	12	Yes
THS3002	NURSING SERVICES 1B	CTE - Health Services	CTE - Health Services	9	12	Yes
THS4000	NURSING SERVICES 2	CTE - Health Services	CTE - Health Services	9	12	Yes
THS4001	NURSING SERVICES 2A	CTE - Health Services	CTE - Health Services	9	12	Yes
THS4002	NURSING SERVICES 2B	CTE - Health Services	CTE - Health Services	9	12	Yes
THS4100	NURSING SVCS WK-BASE LEARN	CTE - Health Services	CTE - Health Services	9	12	Yes
THS4101	NURSING SVCS WK-BASE LEARN A	CTE - Health Services	CTE - Health Services	9	12	Yes
THS4102	NURSING SVCS WK-BASE LEARN B	CTE - Health Services	CTE - Health Services	9	12	Yes
THT4000	PHARMACY TECH	CTE - Health Services	CTE - Health Services	9	12	Yes
THT4001	PHARMACY TECH A	CTE - Health Services	CTE - Health Services	9	12	Yes
THT4002	PHARMACY TECH B	CTE - Health Services	CTE - Health Services	9	12	Yes
THT4100	HPTS WK-BASE LEARN	CTE - Health Services	CTE - Health Services	9	12	Yes
THT4101	HPTS WK-BASE LEARN A	CTE - Health Services	CTE - Health Services	9	12	Yes
THT4102	HPTS WK-BASE LEARN B	CTE - Health Services	CTE - Health Services	9	12	Yes
THU4027	CLINICAL HEALTH	CTE - Health Services	CTE - Health Services	9	12	Yes
THU4028*	CLINICAL HEALTH A	CTE - Health Services	CTE - Health Services	9	12	Yes
THU4029*	CLINICAL HEALTH B	CTE - Health Services	CTE - Health Services	9	12	Yes
THU4030	HEALTH AND NUTRITION	CTE - Health Services	CTE - Health Services	9	12	Yes
THU4031*	HEALTH AND NUTRITION A	CTE - Health Services	CTE - Health Services	9	12	Yes

**SY2023-2024 Career and Technical Education (CTE)
List of Courses Eligible for CTE Shortage Differential**

ACCN No	Course Title	CTE Pathway License Subject Area Requirement	ESSA HQ Qualification Requirement	Begin Grade	End Grade	ACCN Eligible for SY2023-2024 CTE Shortage Differential
THU4032*	HEALTH AND NUTRITION B	CTE - Health Services	CTE - Health Services	9	12	Yes
THU4200	MEDICAL ASSISTING 1	CTE - Health Services	Secondary	9	12	Yes
THU4201	MEDICAL ASSISTING 1A	CTE - Health Services	Secondary	9	12	Yes
THU4202	MEDICAL ASSISTING 1B	CTE - Health Services	Secondary	9	12	Yes
THU4403	MEDICAL TERMINOLOGY	CTE - Health Services	CTE - Health Services	9	12	Yes
THY4000	KINESIOLOGY	CTE - Health Services	CTE - Health Services	9	12	Yes
THY4001	KINESIOLOGY A	CTE - Health Services	CTE - Health Services	9	12	Yes
THY4002	KINESIOLOGY B	CTE - Health Services	CTE - Health Services	9	12	Yes
TIA2000	ARTIFICIAL INTELLIGENCE 1	CTE - IET	CTE - IET	9	12	Yes
TIA2001	ARTIFICIAL INTELLIGENCE 1A	CTE - IET	CTE - IET	9	12	Yes
TIA3000	ARTIFICIAL INTEL PROG 2	CTE - IET	CTE - IET	9	12	Yes
TIA3001	ARTIFICIAL INTEL PROG 2A	CTE - IET	CTE - IET	9	12	Yes
TIA3002	ARTIFICIAL INTEL PROG 2B	CTE - IET	CTE - IET	9	12	Yes
TIA4000	ARTIFICIAL INTEL MACH LRNG 3	CTE - IET	CTE - IET	9	12	Yes
TIA4001	ARTIFICIAL INTEL MACH LRNG 3A	CTE - IET	CTE - IET	9	12	Yes
TIA4002	ARTIFICIAL INTEL MACH LRNG 3B	CTE - IET	CTE - IET	9	12	Yes
TIA4100	ARTIFICIAL INTEL WK-BASE LRN	CTE - IET	CTE - IET	9	12	Yes
TIA4101	ARTIFICIAL INTEL WK-BASE LRN A	CTE - IET	CTE - IET	9	12	Yes
TIA4102	ARTIFICIAL INTEL WK-BASE LRN B	CTE - IET	CTE - IET	9	12	Yes
TIC5010	INDUSTRAL AND ENGINEERNG TECH CAREER PATHWAY CORE	CTE - IET	CTE - IET	9	12	Yes
TIC5011*	INDUSTRAL AND ENGINEERNG TECH CAREER PATHWAY CORE A	CTE - IET	CTE - IET	9	12	Yes
TIC5012*	INDUSTRAL AND ENGINEERNG TECH CAREER PATHWAY CORE B	CTE - IET	CTE - IET	9	12	Yes
TIE2000	NETWORKING 1	CTE - IET	CTE - IET	9	12	Yes
TIE2001	NETWORKING 1A	CTE - IET	CTE - IET	9	12	Yes
TIE2002	NETWORKING 1B	CTE - IET	CTE - IET	9	12	Yes
TIE3000	NETWORKING 2	CTE - IET	CTE - IET	9	12	Yes
TIE3001	NETWORKING 2A	CTE - IET	CTE - IET	9	12	Yes
TIE3002	NETWORKING 2B	CTE - IET	CTE - IET	9	12	Yes
TIE4100	NETWORKING WK-BASED LEARNING	CTE - IET	CTE - IET	9	12	Yes
TIE4101	NETWORKING WK-BASED LEARNING A	CTE - IET	CTE - IET	9	12	Yes
TIE4102	NETWORKING WK-BASED LEARNING B	CTE - IET	CTE - IET	9	12	Yes
TIF1000	FOUND COMPUTER SYS & TECH	CTE - IET	Secondary	9	12	Yes
TIF1001	FOUND COMPUTER SYS & TECH A	CTE - IET	Secondary	9	12	Yes
TIF1002	FOUND COMPUTER SYS & TECH B	CTE - IET	Secondary	9	12	Yes
TIF1150	FOUND COMPUTER SYS & TECH	CTE - IET	Secondary	9	12	Yes
TIF1151	FOUND COMPUTER SYS & TECH A	CTE - IET	Secondary	9	12	Yes
TIF1152	FOUND COMPUTER SYS & TECH B	CTE - IET	Secondary	9	12	Yes
TIM0100	M FOUND COMPUTER SYS & TECH	CTE - IET	Secondary	6	8	Yes

**SY2023-2024 Career and Technical Education (CTE)
List of Courses Eligible for CTE Shortage Differential**

ACCN No	Course Title	CTE Pathway License Subject Area Requirement	ESSA HQ Qualification Requirement	Begin Grade	End Grade	ACCN Eligible for SY2023-2024 CTE Shortage Differential
TIM0101	M FOUND COMPUTER SYS & TECH A	CTE - IET	Secondary	6	8	Yes
TIM0102	M FOUND COMPUTER SYS & TECH B	CTE - IET	Secondary	6	8	Yes
TIN5320	DESIGN TECHNOLOGY 2	CTE - IET	CTE - IET	9	12	Yes
TIN5321*	DESIGN TECHNOLOGY 2A	CTE - IET	CTE - IET	9	12	Yes
TIN5322*	DESIGN TECHNOLOGY 2B	CTE - IET	CTE - IET	9	12	Yes
TIN5419	AUTOMOTIVE TECHNOLOGY 2	CTE - IET	CTE - IET	9	12	Yes
TIN5420*	AUTOMOTIVE TECHNOLOGY 2A	CTE - IET	CTE - IET	9	12	Yes
TIN5421*	AUTOMOTIVE TECHNOLOGY 2B	CTE - IET	CTE - IET	9	12	Yes
TIN5422	AUTOMOTIVE BODY REPAIR AND REFINISHING2	CTE - IET	CTE - IET	9	12	Yes
TIN5423*	AUTOMOTIVE BODY REPAIR AND REFINISHING 2A	CTE - IET	CTE - IET	9	12	Yes
TIN5424*	AUTOMOTIVE BODY REPAIR AND REFINISHING 2B	CTE - IET	CTE - IET	9	12	Yes
TIN5716	WIDE AREA NETWORKS AND NETWORKING ARCHITECTURES	CTE - IET	CTE - IET	9	12	Yes
TIN5717*	WIDE AREA NETWORKS AND NETWORKING ARCHITECTURES A	CTE - IET	CTE - IET	9	12	Yes
TIN5718*	WIDE AREA NETWORKS AND NETWORKING ARCHITECTURES B	CTE - IET	CTE - IET	9	12	Yes
TIN5814	BUILDING AND CONSTRUCTION TECHNOLOGY 2	CTE - IET	CTE - IET	9	12	Yes
TIN5815*	BUILDING AND CONSTRUCTION TECHNOLOGY 2A	CTE - IET	CTE - IET	9	12	Yes
TIN5816*	BUILDING AND CONSTRUCTION TECHNOLOGY 2B	CTE - IET	CTE - IET	9	12	Yes
TIN5820	ENGINEERING TECHNOLOGY 2	CTE - IET	CTE - IET	10	12	Yes
TIN5821*	ENGINEERING TECHNOLOGY 2A	CTE - IET	CTE - IET	10	12	Yes
TIN5822*	ENGINEERING TECHNOLOGY 2B	CTE - IET	CTE - IET	10	12	Yes
TIO4000	CLOUD NETWORKING	CTE - IET	CTE - IET	9	12	Yes
TIO4001	CLOUD NETWORKING A	CTE - IET	CTE - IET	9	12	Yes
TIO4002	CLOUD NETWORKING B	CTE - IET	CTE - IET	9	12	Yes
TIP2000	PROGRAMMING 1	CTE - IET	CTE - IET	9	12	Yes
TIP2001	PROGRAMMING 1A	CTE - IET	CTE - IET	9	12	Yes
TIP2002	PROGRAMMING 1B	CTE - IET	CTE - IET	9	12	Yes
TIP3000	PROGRAMMING MOB APPS DEV 2	CTE - IET	CTE - IET	9	12	Yes
TIP3001	PROGRAMMING MOB APPS DEV 2A	CTE - IET	CTE - IET	9	12	Yes
TIP3002	PROGRAMMING MOB APPS DEV 2B	CTE - IET	CTE - IET	9	12	Yes
TIP4000	PROGRAMMING GAME DEV 3	CTE - IET	CTE - IET	9	12	Yes
TIP4001	PROGRAMMING GAME DEV 3A	CTE - IET	CTE - IET	9	12	Yes
TIP4002	PROGRAMMING GAME DEV 3B	CTE - IET	CTE - IET	9	12	Yes
TIP4100	PROGRAMMING WK-BASE LEARN	CTE - IET	CTE - IET	9	12	Yes
TIP4101	PROGRAMMING WK-BASE LEARN A	CTE - IET	CTE - IET	9	12	Yes
TIP4102	PROGRAMMING WK-BASE LEARN B	CTE - IET	CTE - IET	9	12	Yes
TIU5310	DESIGN TECHNOLOGY 1	CTE - IET	CTE - IET	9	12	Yes
TIU5311*	DESIGN TECHNOLOGY 1A	CTE - IET	CTE - IET	9	12	Yes
TIU5312*	DESIGN TECHNOLOGY 1B	CTE - IET	CTE - IET	9	12	Yes

**SY2023-2024 Career and Technical Education (CTE)
List of Courses Eligible for CTE Shortage Differential**

ACCN No	Course Title	CTE Pathway License Subject Area Requirement	ESSA HQ Qualification Requirement	Begin Grade	End Grade	ACCN Eligible for SY2023-2024 CTE Shortage Differential
TIU5400	TRANSPORTATION TECHNOLOGY	CTE - IET	CTE - IET	9	12	Yes
TIU5401*	TRANSPORTATION TECHNOLOGY A	CTE - IET	CTE - IET	9	12	Yes
TIU5402*	TRANSPORTATION TECHNOLOGY B	CTE - IET	CTE - IET	9	12	Yes
TIU5410	AUTOMOTIVE TECHNOLOGY 1	CTE - IET	CTE - IET	9	12	Yes
TIU5411*	AUTOMOTIVE TECHNOLOGY 1A	CTE - IET	CTE - IET	9	12	Yes
TIU5412*	AUTOMOTIVE TECHNOLOGY 1B	CTE - IET	CTE - IET	9	12	Yes
TIU5416	AUTOMOTIVE BODY REPAIR AND REFINISHING	CTE - IET	CTE - IET	9	12	Yes
TIU5417*	AUTOMOTIVE BODY REPAIR AND REFINISHING A	CTE - IET	CTE - IET	9	12	Yes
TIU5418*	AUTOMOTIVE BODY REPAIR AND REFINISHING B	CTE - IET	CTE - IET	9	12	Yes
TIU5800	BUILDING AND CONSTRUCTION TECHNOLOGY 1	CTE - IET	CTE - IET	9	12	Yes
TIU5801*	BUILDING AND CONSTRUCTION TECHNOLOGY 1A	CTE - IET	CTE - IET	9	12	Yes
TIU5802*	BUILDING AND CONSTRUCTION TECHNOLOGY 1B	CTE - IET	CTE - IET	9	12	Yes
TIU5810	ENGINEERING TECHNOLOGY 1	CTE - IET	CTE - IET	9	12	Yes
TIU5811*	ENGINEERING TECHNOLOGY 1A	CTE - IET	CTE - IET	9	12	Yes
TIU5812*	ENGINEERING TECHNOLOGY 1B	CTE - IET	CTE - IET	9	12	Yes
TIW2000	WEB DESIGN & DEVELOPMENT 1	CTE - IET	CTE - IET	9	12	Yes
TIW2001	WEB DESIGN & DEVELOPMENT 1A	CTE - IET	CTE - IET	9	12	Yes
TIW2002	WEB DESIGN & DEVELOPMENT 1B	CTE - IET	CTE - IET	9	12	Yes
TIW3000	WEB DESIGN & DEVELOPMENT 2	CTE - IET	CTE - IET	9	12	Yes
TIW3001	WEB DESIGN & DEVELOPMENT 2A	CTE - IET	CTE - IET	9	12	Yes
TIW3002	WEB DESIGN & DEVELOPMENT 2B	CTE - IET	CTE - IET	9	12	Yes
TIW4000	WEB DESIGN & DEVELOPMENT 3	CTE - IET	CTE - IET	9	12	Yes
TIW4001	WEB DESIGN & DEVELOPMENT 3A	CTE - IET	CTE - IET	9	12	Yes
TIW4002	WEB DESIGN & DEVELOPMENT 3B	CTE - IET	CTE - IET	9	12	Yes
TIW4100	WEB DESIGN DEV WK-BASE LEARN	CTE - IET	CTE - IET	9	12	Yes
TIW4101	WEB DESIGN DEV WK-BASE LEARN A	CTE - IET	CTE - IET	9	12	Yes
TIW4102	WEB DESIGN DEV WK-BASE LEARN B	CTE - IET	CTE - IET	9	12	Yes
TIY2000	CYBER 1	CTE - IET	CTE - IET	9	12	Yes
TIY2001	CYBER 1A	CTE - IET	CTE - IET	9	12	Yes
TIY2002	CYBER 1B	CTE - IET	CTE - IET	9	12	Yes
TIY3000	CYBER 2	CTE - IET	CTE - IET	9	12	Yes
TIY3001	CYBER 2A	CTE - IET	CTE - IET	9	12	Yes
TIY3002	CYBER 2B	CTE - IET	CTE - IET	9	12	Yes
TIY4000	CYBER 3	CTE - IET	CTE - IET	9	12	Yes
TIY4001	CYBER 3A	CTE - IET	CTE - IET	9	12	Yes
TIY4002	CYBER 3B	CTE - IET	CTE - IET	9	12	Yes
TIY4100	CYBER WK-BASED LEARNING	CTE - IET	CTE - IET	9	12	Yes
TIY4101	CYBER WK-BASED LEARNING A	CTE - IET	CTE - IET	9	12	Yes

**SY2023-2024 Career and Technical Education (CTE)
List of Courses Eligible for CTE Shortage Differential**

ACCN No	Course Title	CTE Pathway License Subject Area Requirement	ESSA HQ Qualification Requirement	Begin Grade	End Grade	ACCN Eligible for SY2023-2024 CTE Shortage Differential
TIY4102	CYBER WK-BASED LEARNING B	CTE - IET	CTE - IET	9	12	Yes
TJA1000	AIR FORCE JROTC 1	JROTC	Not Applicable	9	12	No
TJA1010*	AIR FORCE JROTC 1A	JROTC	Not Applicable	9	12	No
TJA1020*	AIR FORCE JROTC 1B	JROTC	Not Applicable	9	12	No
TJA2000	AIR FORCE JROTC 2	JROTC	Not Applicable	9	12	No
TJA2010*	AIR FORCE JROTC 2A	JROTC	Not Applicable	9	12	No
TJA2020*	AIR FORCE JROTC 2B	JROTC	Not Applicable	9	12	No
TJA2025**	AIR FORCE JROTC 2 PE	JROTC	Not Applicable	9	12	No
TJA3000	AIR FORCE JROTC 3	JROTC	Not Applicable	9	12	No
TJA3010*	AIR FORCE JROTC 3A	JROTC	Not Applicable	9	12	No
TJA3020*	AIR FORCE JROTC 3B	JROTC	Not Applicable	9	12	No
TJA4000	AIR FORCE JROTC 4	JROTC	Not Applicable	9	12	No
TJA4010*	AIR FORCE JROTC 4A	JROTC	Not Applicable	9	12	No
TJA4020*	AIR FORCE JROTC 4B	JROTC	Not Applicable	9	12	No
TJA9010	AIR FORCE JROTC ADVANCED LEADERSHIP ACADEMY	JROTC	Not Applicable	9	12	No
TJA9020	AIR FORCE JROTC DRILL PRACTICUM	JROTC	Not Applicable	9	12	No
TJM1000	MARINE JROTC 1	JROTC	Not Applicable	9	12	No
TJM1010*	MARINE JROTC 1A	JROTC	Not Applicable	9	12	No
TJM1020*	MARINE JROTC 1B	JROTC	Not Applicable	9	12	No
TJM2000	MARINE JROTC 2	JROTC	Not Applicable	9	12	No
TJM2010*	MARINE JROTC 2A	JROTC	Not Applicable	9	12	No
TJM2020*	MARINE JROTC 2B	JROTC	Not Applicable	9	12	No
TJM2025**	MARINE JROTC 2 PE	JROTC	Not Applicable	9	12	No
TJM3000	MARINE JROTC 3	JROTC	Not Applicable	9	12	No
TJM3010*	MARINE JROTC 3A	JROTC	Not Applicable	9	12	No
TJM3020*	MARINE JROTC 3B	JROTC	Not Applicable	9	12	No
TJM4000	MARINE JROTC 4	JROTC	Not Applicable	9	12	No
TJM4010*	MARINE JROTC 4A	JROTC	Not Applicable	9	12	No
TJM4020*	MARINE JROTC 4B	JROTC	Not Applicable	9	12	No
TJM9000	MARINE CORPS JROTC ADVANCED LEADERSHIP ACADEMY	JROTC	Not Applicable	9	12	No
TJN1000	NAVY JROTC 1	JROTC	Not Applicable	9	12	No
TJN1010*	NAVY JROTC 1A	JROTC	Not Applicable	9	12	No
TJN1020*	NAVY JROTC 1B	JROTC	Not Applicable	9	12	No
TJN2000	NAVY JROTC 2	JROTC	Not Applicable	9	12	No
TJN2010*	NAVY JROTC 2A	JROTC	Not Applicable	9	12	No
TJN2020*	NAVY JROTC 2B	JROTC	Not Applicable	9	12	No
TJN2025**	NAVY JROTC 2 PE	JROTC	Not Applicable	9	12	No
TJN3000	NAVY JROTC 3	JROTC	Not Applicable	9	12	No

**SY2023-2024 Career and Technical Education (CTE)
List of Courses Eligible for CTE Shortage Differential**

ACCN No	Course Title	CTE Pathway License Subject Area Requirement	ESSA HQ Qualification Requirement	Begin Grade	End Grade	ACCN Eligible for SY2023-2024 CTE Shortage Differential
TJN3010*	NAVY JROTC 3A	JROTC	Not Applicable	9	12	No
TJN3020*	NAVY JROTC 3B	JROTC	Not Applicable	9	12	No
TJN4000	NAVY JROTC 4	JROTC	Not Applicable	9	12	No
TJN4010*	NAVY JROTC 4A	JROTC	Not Applicable	9	12	No
TJN4020*	NAVY JROTC 4B	JROTC	Not Applicable	9	12	No
TJN5000	NAVY JROTC 5	JROTC	Not Applicable	9	12	No
TJN5010*	NAVY JROTC 5A	JROTC	Not Applicable	9	12	No
TJN5020*	NAVY JROTC 5B	JROTC	Not Applicable	9	12	No
TJN6000	NAVY JROTC 6	JROTC	Not Applicable	9	12	No
TJN6010*	NAVY JROTC 6A	JROTC	Not Applicable	9	12	No
TJN6020*	NAVY JROTC 6B	JROTC	Not Applicable	9	12	No
TJN7000	NAVY JROTC 7	JROTC	Not Applicable	9	12	No
TJN7010*	NAVY JROTC 7A	JROTC	Not Applicable	9	12	No
TJN7020*	NAVY JROTC 7B	JROTC	Not Applicable	9	12	No
TJN8000	NAVY JROTC 8	JROTC	Not Applicable	9	12	No
TJN8010*	NAVY JROTC 8A	JROTC	Not Applicable	9	12	No
TJN8020*	NAVY JROTC 8B	JROTC	Not Applicable	9	12	No
TJN9000	NAVY JROTC LEADERSHIP ACADEMY	JROTC	Not Applicable	9	12	No
TJN9010*	NAVY JROTC LEADERSHIP ACADEMY A	JROTC	Not Applicable	9	12	No
TJN9020*	NAVY JROTC LEADERSHIP ACADEMY B	JROTC	Not Applicable	9	12	No
TJR0100	ARMY JROTC 1 MID	JROTC	Not Applicable	8	8	No
TJR0110	ARMY JROTC 1A MID	JROTC	Not Applicable	8	8	No
TJR0120	ARMY JROTC 1B MID	JROTC	Not Applicable	8	8	No
TJR1000	ARMY JROTC 1	JROTC	Not Applicable	9	12	No
TJR1010*	ARMY JROTC 1A	JROTC	Not Applicable	9	12	No
TJR1020*	ARMY JROTC 1B	JROTC	Not Applicable	9	12	No
TJR2000	ARMY JROTC 2	JROTC	Not Applicable	9	12	No
TJR2010*	ARMY JROTC 2A	JROTC	Not Applicable	9	12	No
TJR2020*	ARMY JROTC 2B	JROTC	Not Applicable	9	12	No
TJR2025**	ARMY JROTC 2 PE	JROTC	Not Applicable	9	12	No
TJR3000	ARMY JROTC 3	JROTC	Not Applicable	9	12	No
TJR3010*	ARMY JROTC 3A	JROTC	Not Applicable	9	12	No
TJR3020*	ARMY JROTC 3B	JROTC	Not Applicable	9	12	No
TJR4000	ARMY JROTC 4	JROTC	Not Applicable	9	12	No
TJR4010*	ARMY JROTC 4A	JROTC	Not Applicable	9	12	No
TJR4020*	ARMY JROTC 4B	JROTC	Not Applicable	9	12	No
TJR5000	ARMY JROTC 5	JROTC	Not Applicable	9	12	No
TJR5010*	ARMY JROTC 5A	JROTC	Not Applicable	9	12	No

**SY2023-2024 Career and Technical Education (CTE)
List of Courses Eligible for CTE Shortage Differential**

ACCN No	Course Title	CTE Pathway License Subject Area Requirement	ESSA HQ Qualification Requirement	Begin Grade	End Grade	ACCN Eligible for SY2023-2024 CTE Shortage Differential
TJR5020*	ARMY JROTC 5B	JROTC	Not Applicable	9	12	No
TJR6000	ARMY JROTC 6	JROTC	Not Applicable	9	12	No
TJR6010*	ARMY JROTC 6A	JROTC	Not Applicable	9	12	No
TJR6020*	ARMY JROTC 6B	JROTC	Not Applicable	9	12	No
TJR7000	ARMY JROTC 7	JROTC	Not Applicable	9	12	No
TJR7010*	ARMY JROTC 7A	JROTC	Not Applicable	9	12	No
TJR7020*	ARMY JROTC 7B	JROTC	Not Applicable	9	12	No
TJR8000	ARMY JROTC 8	JROTC	Not Applicable	9	12	No
TJR8010*	ARMY JROTC 8A	JROTC	Not Applicable	9	12	No
TJR8020*	ARMY JROTC 8B	JROTC	Not Applicable	9	12	No
TJR9010	ARMY JROTC LEADERSHIP CHALLENGE 1	JROTC	Not Applicable	9	12	No
TJR9020	ARMY JROTC LEADERSHIP CHALLENGE 2	JROTC	Not Applicable	9	12	No
TJR9030	JROTC COMMUNITY EMERGENCY RESPONSE TEAM (CERT)	JROTC	Not Applicable	9	11	No
TLE2000	LAW ENFORCEMENT SERVICES 1	CTE - PHS	CTE - PHS	9	12	Yes
TLE2001*	LAW ENFORCEMENT SERVICES 1A	CTE - PHS	CTE - PHS	9	12	Yes
TLE2002*	LAW ENFORCEMENT SERVICES 1B	CTE - PHS	CTE - PHS	9	12	Yes
TLE3000	LAW ENFORCEMENT SERVICES 2	CTE - PHS	CTE - PHS	9	12	Yes
TLE3001*	LAW ENFORCEMENT SERVICES 2A	CTE - PHS	CTE - PHS	9	12	Yes
TLE3002*	LAW ENFORCEMENT SERVICES 2B	CTE - PHS	CTE - PHS	9	12	Yes
TLE4000	LAW ENFORCEMENT SERVICES 3	CTE - PHS	CTE - PHS	9	12	Yes
TLE4001*	LAW ENFORCEMENT SERVICES 3A	CTE - PHS	CTE - PHS	9	12	Yes
TLE4002*	LAW ENFORCEMENT SERVICES 3B	CTE - PHS	CTE - PHS	9	12	Yes
TLE4100	LAW ENFORCEMENT SERVICES WORK-BASED LEARNING	CTE - PHS	CTE - PHS	9	12	Yes
TLE4101*	LAW ENFORCEMENT SERVICES WORK-BASED LEARNING A	CTE - PHS	CTE - PHS	9	12	Yes
TLE4102*	LAW ENFORCEMENT SERVICES WORK-BASED LEARNING B	CTE - PHS	CTE - PHS	9	12	Yes
TLF1000	FOUNDATIONS OF FIRE & EMERGENCY SERVICES	CTE - PHS	Secondary	9	12	Yes
TLF1001*	FOUNDATIONS OF FIRE & EMERGENCY SERVICES A	CTE - PHS	Secondary	9	12	Yes
TLF1002*	FOUNDATIONS OF FIRE & EMERGENCY SERVICES B	CTE - PHS	Secondary	9	12	Yes
TLF1150	FOUND OF FIRE & EMERG SERV	CTE - PHS	Secondary	9	12	Yes
TLF1151	FOUND OF FIRE & EMERG SERV A	CTE - PHS	Secondary	9	12	Yes
TLF1152	FOUND OF FIRE & EMERG SERV B	CTE - PHS	Secondary	9	12	Yes
TLF2000	FIRE & EMERGENCY SERVICES 1	CTE - PHS	CTE - PHS	9	12	Yes
TLF2001*	FIRE & EMERGENCY SERVICES 1A	CTE - PHS	CTE - PHS	9	12	Yes
TLF2002*	FIRE & EMERGENCY SERVICES 1B	CTE - PHS	CTE - PHS	9	12	Yes
TLF3000	FIRE & EMERGENCY SERVICES 2	CTE - PHS	CTE - PHS	9	12	Yes
TLF3001*	FIRE & EMERGENCY SERVICES 2A	CTE - PHS	CTE - PHS	9	12	Yes
TLF3002*	FIRE & EMERGENCY SERVICES 2B	CTE - PHS	CTE - PHS	9	12	Yes
TLF4000	FIRE & EMERGENCY SERVICES 3	CTE - PHS	CTE - PHS	9	12	Yes

**SY2023-2024 Career and Technical Education (CTE)
List of Courses Eligible for CTE Shortage Differential**

ACCN No	Course Title	CTE Pathway License Subject Area Requirement	ESSA HQ Qualification Requirement	Begin Grade	End Grade	ACCN Eligible for SY2023-2024 CTE Shortage Differential
TLF4001*	FIRE & EMERGENCY SERVICES 3A	CTE - PHS	CTE - PHS	9	12	Yes
TLF4002*	FIRE & EMERGENCY SERVICES 3B	CTE - PHS	CTE - PHS	9	12	Yes
TLF4100	FIRE & EMERGENCY SERVICES WORK-BASED LEARNING	CTE - PHS	CTE - PHS	9	12	Yes
TLF4101*	FIRE & EMERGENCY SERVICES WORK-BASED LEARNING A	CTE - PHS	CTE - PHS	9	12	Yes
TLF4102*	FIRE & EMERGENCY SERVICES WORK-BASED LEARNING B	CTE - PHS	CTE - PHS	9	12	Yes
TLL1000	FOUNDATIONS OF LAW & PUBLIC SAFETY	CTE - PHS	Secondary	9	12	Yes
TLL1001*	FOUNDATIONS OF LAW & PUBLIC SAFETY A	CTE - PHS	Secondary	9	12	Yes
TLL1002*	FOUNDATIONS OF LAW & PUBLIC SAFETY B	CTE - PHS	Secondary	9	12	Yes
TLL1150	FOUND LAW AND PUB SAFETY	CTE - PHS	Secondary	9	12	Yes
TLL1151	FOUND LAW AND PUB SAFETY A	CTE - PHS	Secondary	9	12	Yes
TLL1152	FOUND LAW AND PUB SAFETY B	CTE - PHS	Secondary	9	12	Yes
TLL2000	PRE-LAW 1	CTE - PHS	CTE - PHS	9	12	Yes
TLL2001*	PRE-LAW 1A	CTE - PHS	CTE - PHS	9	12	Yes
TLL2002*	PRE-LAW 1B	CTE - PHS	CTE - PHS	9	12	Yes
TLL3000	PRE-LAW 2	CTE - PHS	CTE - PHS	9	12	Yes
TLL3001*	PRE-LAW 2A	CTE - PHS	CTE - PHS	9	12	Yes
TLL3002*	PRE-LAW 2B	CTE - PHS	CTE - PHS	9	12	Yes
TLL4000	PRE-LAW 3	CTE - PHS	CTE - PHS	9	12	Yes
TLL4001*	PRE-LAW 3A	CTE - PHS	CTE - PHS	9	12	Yes
TLL4002*	PRE-LAW 3B	CTE - PHS	CTE - PHS	9	12	Yes
TLL4100	PRE-LAW WORK-BASED LEARNING	CTE - PHS	CTE - PHS	9	12	Yes
TLL4101*	PRE-LAW WORK-BASED LEARNING A	CTE - PHS	CTE - PHS	9	12	Yes
TLL4102*	PRE-LAW WORK-BASED LEARNING B	CTE - PHS	CTE - PHS	9	12	Yes
TLM0100	M FOUND LAW AND PUB SAFETY	CTE - PHS	Secondary	6	8	Yes
TLM0101	M FOUND LAW AND PUB SAFETY A	CTE - PHS	Secondary	6	8	Yes
TLM0102	M FOUND LAW AND PUB SAFETY B	CTE - PHS	Secondary	6	8	Yes
TMG0010	PERSONAL DEVELOPMENT AND GUIDANCE	CTE - PHS	Secondary	6	8	Yes
TMG0100	CAREER AND TECHNICAL - AGRICULTURE EDUCATION (QTR)	CTE - Natural Resources	CTE - Natural Resources	6	8	Yes
TMG0101	CAREER AND TECHNICAL - AGRICULTURE EDUCATION (SEM)	CTE - Natural Resources	CTE - Natural Resources	6	8	Yes
TMG0102	CAREER AND TECHNICAL - AGRICULTURE EDUCATION (YR)	CTE - Natural Resources	CTE - Natural Resources	6	8	Yes
TMG0200	CAREER AND TECHNICAL - BUSINESS EDUCATION (QTR)	CTE - Business	CTE - Business	6	8	Yes
TMG0201	CAREER AND TECHNICAL - BUSINESS EDUCATION (SEM)	CTE - Business	CTE - Business	6	8	Yes
TMG0202	CAREER AND TECHNICAL - BUSINESS EDUCATION (YR)	CTE - Business	CTE - Business	6	8	Yes
TMG0210	BASIC KEYBOARDING	CTE - Business	CTE - Business	6	8	Yes
TMG0300	CAREER AND TECHNICAL - FAMILY & CONSUMER SCI (QTR)	CTE - PHS	CTE - PHS	6	8	Yes
TMG0301	CAREER AND TECHNICAL - FAMILY & CONSUMER SCI (SEM)	CTE - PHS	CTE - PHS	6	8	Yes
TMG0302	CAREER AND TECHNICAL - FAMILY & CONSUMER SCI (YR)	CTE - PHS	CTE - PHS	6	8	Yes
TMG0400	CAREER AND TECHNICAL - TECHNOLOGY EDUCATION (QTR)	CTE - IET	CTE - IET	6	8	Yes

**SY2023-2024 Career and Technical Education (CTE)
List of Courses Eligible for CTE Shortage Differential**

ACCN No	Course Title	CTE Pathway License Subject Area Requirement	ESSA HQ Qualification Requirement	Begin Grade	End Grade	ACCN Eligible for SY2023-2024 CTE Shortage Differential
TMG0401	CAREER AND TECHNICAL - TECHNOLOGY EDUCATION (SEM)	CTE - IET	CTE - IET	6	8	Yes
TMG0402	CAREER AND TECHNICAL - TECHNOLOGY EDUCATION (YR)	CTE - IET	CTE - IET	6	8	Yes
TMG0410	INTRODUCTION TO TECHNOLOGY EDUCATION	CTE - IET	CTE - IET	6	8	Yes
TMG0500	CAREER AND TECHNICAL - COMPUTER LITERACY (QTR)	CTE - IET	CTE - IET	6	8	Yes
TMG0501	CAREER AND TECHNICAL- COMPUTER LITERACY (SEM)	CTE - IET	CTE - IET	6	8	Yes
TMG0502	CAREER AND TECHNICAL - COMPUTER LITERACY (YR)	CTE - IET	CTE - IET	6	8	Yes
TMG1011	COLLEGE PREP SKILLS (GRADE 6-8)	Post High School Prep	Secondary	6	8	No
TMM0100	M FOUND MANUFACTURING	CTE - IET	Secondary	6	8	Yes
TMM0101	M FOUND MANUFACTURING A	CTE - IET	Secondary	6	8	Yes
TMM0102	M FOUND MANUFACTURING B	CTE - IET	Secondary	6	8	Yes
TNM0100	M FOUND AG FOOD & NATRL RES	CTE - Natural Resources	Secondary	6	8	Yes
TNM0101	M FOUND AG FOOD & NATRL RES A	CTE - Natural Resources	Secondary	6	8	Yes
TNM0102	M FOUND AG FOOD & NATRL RES B	CTE - Natural Resources	Secondary	6	8	Yes
TOM0100	M FOUND FASH ARTISAN DESIGN	CTE - A & C	Secondary	6	8	Yes
TOM0101	M FOUND FASH ARTISAN DESIGN A	CTE - A & C	Secondary	6	8	Yes
TOM0102	M FOUND FASH ARTISAN DESIGN B	CTE - A & C	Secondary	6	8	Yes
TPC7010	PUBLIC AND HUMAN SERVICE CAREER PATHWAY CORE	CTE - PHS	CTE - PHS	9	12	Yes
TPC7011*	PUBLIC AND HUMAN SERVICE CAREER PATHWAY CORE A	CTE - PHS	CTE - PHS	9	12	Yes
TPC7012*	PUBLIC AND HUMAN SERVICE CAREER PATHWAY CORE B	CTE - PHS	CTE - PHS	9	12	Yes
TPK7910	CO-OPERATIVE EDUCATION:PUBLIC AND HUMAN SERVICES	CTE - PHS	Secondary	9	12	No
TPK7911*	CO-OPERATIVE EDUCATION:PUBLIC AND HUMAN SERVICES A	CTE - PHS	Secondary	9	12	No
TPK7912*	CO-OPERATIVE EDUCATION:PUBLIC AND HUMAN SERVICES B	CTE - PHS	Secondary	9	12	No
TPK7930	DIRECTED STUDY IN PUBLIC AND HUMAN SERVICES	CTE - PHS	CTE - PHS	9	12	Yes
TPK7931*	DIRECTED STUDY IN PUBLIC AND HUMAN SERVICES A	CTE - PHS	CTE - PHS	9	12	Yes
TPK7932*	DIRECTED STUDY IN PUBLIC AND HUMAN SERVICES B	CTE - PHS	CTE - PHS	9	12	Yes
TPK7990	PUBLIC AND HUMAN SERV CAREER PATHWAY CAPSTONE	CTE - PHS	Secondary	11	12	Yes
TPK7991*	PUBLIC AND HUMAN SERV CAREER PATHWAY CAPSTONE A	CTE - PHS	Secondary	11	12	Yes
TPK7992*	PUBLIC AND HUMAN SERV CAREER PATHWAY CAPSTONE B	CTE - PHS	Secondary	11	12	Yes
TPL7100	PUBLIC AND HUMAN SERVICES LABORATORY	CTE - PHS	CTE - PHS	9	12	Yes
TPL7101*	PUBLIC AND HUMAN SERVICES LABORATORY A	CTE - PHS	CTE - PHS	9	12	Yes
TPL7102*	PUBLIC AND HUMAN SERVICES LABORATORY B	CTE - PHS	CTE - PHS	9	12	Yes
TPM0100	M FOUND OF COLLISION REPAIR	CTE - IET	Secondary	6	8	Yes
TPM0101	M FOUND OF COLLISION REPAIR A	CTE - IET	Secondary	6	8	Yes
TPN7219	CULINARY AND NUTRITION	CTE - PHS	CTE - PHS	9	12	Yes
TPN7223	CULINARY 2	CTE - PHS	CTE - PHS	9	12	Yes
TPN7224*	CULINARY 2A	CTE - PHS	CTE - PHS	9	12	Yes
TPN7225*	CULINARY 2B	CTE - PHS	CTE - PHS	9	12	Yes
TPN7229*	CULINARY AND NUTRITION A	CTE - PHS	CTE - PHS	9	12	Yes

**SY2023-2024 Career and Technical Education (CTE)
List of Courses Eligible for CTE Shortage Differential**

ACCN No	Course Title	CTE Pathway License Subject Area Requirement	ESSA HQ Qualification Requirement	Begin Grade	End Grade	ACCN Eligible for SY2023-2024 CTE Shortage Differential
TPN7239*	CULINARY AND NUTRITION B	CTE - PHS	CTE - PHS	9	12	Yes
TPN7316	BAKING AND PASTRY ARTS	CTE - PHS	CTE - PHS	9	12	Yes
TPN7416	EARLY CHILDHOOD EDUCATION	CTE - PHS	License	9	12	Yes
TPN7417*	EARLY CHILDHOOD EDUCATION A	CTE - PHS	License	9	12	Yes
TPN7418*	EARLY CHILDHOOD EDUCATION B	CTE - PHS	License	9	12	Yes
TPN7419	ELEMENTARY ED	CTE - PHS	License	9	12	Yes
TPN7420*	ELEMENTARY EDUCATION A	CTE - PHS	License	9	12	Yes
TPN7421*	ELEMENTARY EDUCATION B	CTE - PHS	License	9	12	Yes
TPN7422	SECONDARY EDUCATION	CTE - PHS	License	9	12	Yes
TPN7423*	SECONDARY EDUCATION A	CTE - PHS	License	9	12	Yes
TPN7424*	SECONDARY EDUCATION B	CTE - PHS	License	9	12	Yes
TPN7522	HOSPITALITY CAREER AND CUSTOMER SERVICE SKILLS	CTE - PHS	CTE - PHS	9	12	Yes
TPN7523*	HOSPITALITY CAREER AND CUSTOMER SERVICE SKILLS A	CTE - PHS	CTE - PHS	9	12	Yes
TPN7524*	HOSPITALITY CAREER AND CUSTOMER SERVICE SKILLS B	CTE - PHS	CTE - PHS	9	12	Yes
TPN7530	HOTEL OPERATIONS	CTE - PHS	CTE - PHS	9	12	Yes
TPN7531	HOTEL OPERATIONS A	CTE - PHS	CTE - PHS	9	12	Yes
TPN7532	HOTEL OPERATIONS B	CTE - PHS	CTE - PHS	9	12	Yes
TPN7560	CRIMINAL INVESTIGATIONS 2	CTE - PHS	CTE - PHS	9	12	Yes
TPN7561	CRIMINAL INVESTIGATIONS 2A	CTE - PHS	CTE - PHS	9	12	Yes
TPN7562	CRIMINAL INVESTIGATIONS 2B	CTE - PHS	CTE - PHS	9	12	Yes
TPU7210	EXPLORATIONS IN EDUCATION	CTE - PHS	License	9	12	Yes
TPU7211*	EXPLORATIONS IN EDUCATION A	CTE - PHS	License	9	12	Yes
TPU7212*	EXPLORATIONS IN EDUCATION B	CTE - PHS	License	9	12	Yes
TPU7216	CULINARY 1	CTE - PHS	CTE - PHS	9	12	Yes
TPU7217*	CULINARY 1A	CTE - PHS	CTE - PHS	9	12	Yes
TPU7218*	CULINARY 1B	CTE - PHS	CTE - PHS	9	12	Yes
TPU7316	BAKING AND PASTRY ARTS	CTE - PHS	CTE - PHS	9	12	Yes
TPU7500	LAW, PUBLIC SAFETY, AND CRIMINOLOGY	CTE - PHS	CTE - PHS	9	12	Yes
TPU7501*	LAW, PUBLIC SAFETY, AND CRIMINOLOGY A	CTE - PHS	CTE - PHS	9	12	Yes
TPU7502*	LAW, PUBLIC SAFETY, AND CRIMINOLOGY B	CTE - PHS	CTE - PHS	9	12	Yes
TPU7510	HOSPITALITY & TOURISM SERVICE	CTE - PHS	CTE - PHS	9	12	Yes
TPU7511*	HOSPITALITY & TOURISM SERVICE A	CTE - PHS	CTE - PHS	9	12	Yes
TPU7512*	HOSPITALITY AND TOURISM SERVICE B	CTE - PHS	CTE - PHS	9	12	Yes
TPU7550	CRIMINAL JUSTICE	CTE - PHS	CTE - PHS	9	12	Yes
TPU7551	CRIMINAL JUSTICE A	CTE - PHS	CTE - PHS	9	12	Yes
TPU7552	CRIMINAL JUSTICE B	CTE - PHS	CTE - PHS	9	12	Yes
TPU7560	CRIMINAL INVESTIGATIONS 1	CTE - PHS	CTE - PHS	9	12	Yes
TPU7561	CRIMINAL INVESTIGATIONS 1A	CTE - PHS	CTE - PHS	9	12	Yes

**SY2023-2024 Career and Technical Education (CTE)
List of Courses Eligible for CTE Shortage Differential**

ACCN No	Course Title	CTE Pathway License Subject Area Requirement	ESSA HQ Qualification Requirement	Begin Grade	End Grade	ACCN Eligible for SY2023-2024 CTE Shortage Differential
TPU7562	CRIMINAL INVESTIGATIONS 1B	CTE - PHS	CTE - PHS	9	12	Yes
TRM0100	M FOUNDATIONS OF ENERGY	CTE - IET	Secondary	6	8	Yes
TRM0101	M FOUNDATIONS OF ENERGY A	CTE - IET	Secondary	6	8	Yes
TRM0102	M FOUNDATIONS OF ENERGY B	CTE - IET	Secondary	6	8	Yes
TSM0100	M FOUND OF TRANS SERVICES	CTE - IET	Secondary	6	8	Yes
TSM0101	M FOUND OF TRANS SERVICES A	CTE - IET	Secondary	6	8	Yes
TSM0102	M FOUND OF TRANS SERVICES B	CTE - IET	Secondary	6	8	Yes
TTA2000	AUTOMOTIVE MAIN & LT REPAIR 1	CTE - IET	CTE - IET	9	12	Yes
TTA2001	AUTOMOTIVE MAIN & LT REPAIR 1A	CTE - IET	CTE - IET	9	12	Yes
TTA2002	AUTOMOTIVE MAIN & LT REPAIR 1B	CTE - IET	CTE - IET	9	12	Yes
TTA3000	AUTOMOTIVE MAIN & LT REPAIR 2	CTE - IET	CTE - IET	9	12	Yes
TTA3001	AUTOMOTIVE MAIN & LT REPAIR 2A	CTE - IET	CTE - IET	9	12	Yes
TTA3002	AUTOMOTIVE MAIN & LT REPAIR 2B	CTE - IET	CTE - IET	9	12	Yes
TTA4000	AUTOMOTIVE MAIN & LT REPAIR 3	CTE - IET	CTE - IET	9	12	Yes
TTA4001	AUTOMOTIVE MAIN & LT REPAIR 3A	CTE - IET	CTE - IET	9	12	Yes
TTA4002	AUTOMOTIVE MAIN & LT REPAIR 3B	CTE - IET	CTE - IET	9	12	Yes
TTA4100	AUTOMOTIVE WK-BASE LEARN	CTE - IET	CTE - IET	9	12	Yes
TTA4101	AUTOMOTIVE WK-BASE LEARN A	CTE - IET	CTE - IET	9	12	Yes
TTA4102	AUTOMOTIVE WK-BASE LEARN B	CTE - IET	CTE - IET	9	12	Yes
TTC1000	FOUND OF COLLISION REPAIR	CTE - IET	Secondary	9	12	Yes
TTC1001	FOUND OF COLLISION REPAIR A	CTE - IET	Secondary	9	12	Yes
TTC1002	FOUND OF COLLISION REPAIR B	CTE - IET	Secondary	9	12	Yes
TTC1150	FOUND OF COLLISION REPAIR	CTE - IET	Secondary	9	12	Yes
TTC1151	FOUND OF COLLISION REPAIR A	CTE - IET	Secondary	9	12	Yes
TTC1152	FOUND OF COLLISION REPAIR B	CTE - IET	Secondary	9	12	Yes
TTC2000	COLLISION REPAIR NON-STRUC	CTE - IET	CTE - IET	9	12	Yes
TTC2001	COLLISION REPAIR NON-STRUC A	CTE - IET	CTE - IET	9	12	Yes
TTC2002	COLLISION REPAIR NON-STRUC B	CTE - IET	CTE - IET	9	12	Yes
TTC3000	COLLISION REPAIR PAINT & REFIN	CTE - IET	CTE - IET	9	12	Yes
TTC3001	COLLIS REPAIR PAINT & REFIN A	CTE - IET	CTE - IET	9	12	Yes
TTC3002	COLLIS REPAIR PAINT & REFIN B	CTE - IET	CTE - IET	9	12	Yes
TTC4000	COL REP DMG ANA EST & CUS SRV	CTE - IET	CTE - IET	9	12	Yes
TTC4001	COL REP DMG ANA EST CUS SRV A	CTE - IET	CTE - IET	9	12	Yes
TTC4002	COL REP DMG ANA EST CUS SRV B	CTE - IET	CTE - IET	9	12	Yes
TTC4100	AUTO COLLISN REP WK-BASE LRN	CTE - IET	CTE - IET	9	12	Yes
TTC4101	AUTO COLLISN REP WK-BASE LRN A	CTE - IET	CTE - IET	9	12	Yes
TTC4102	AUTO COLLISN REP WK-BASE LRN B	CTE - IET	CTE - IET	9	12	Yes
TTF1000	FOUND AUTO MAIN & LT REPAIR	CTE - IET	Secondary	9	12	Yes

**SY2023-2024 Career and Technical Education (CTE)
List of Courses Eligible for CTE Shortage Differential**

ACCN No	Course Title	CTE Pathway License Subject Area Requirement	ESSA HQ Qualification Requirement	Begin Grade	End Grade	ACCN Eligible for SY2023-2024 CTE Shortage Differential
TTF1001	FOUND AUTO MAIN & LT REPAIR A	CTE - IET	Secondary	9	12	Yes
TTF1002	FOUND AUTO MAIN & LT REPAIR B	CTE - IET	Secondary	9	12	Yes
TTF1150	FOUND AUTO MAIN & LT REPAIR	CTE - IET	Secondary	9	12	Yes
TTF1151	FOUND AUTO MAIN & LT REPAIR A	CTE - IET	Secondary	9	12	Yes
TTF1152	FOUND AUTO MAIN & LT REPAIR B	CTE - IET	Secondary	9	12	Yes
TTH1000	FOUND SUS HOSP TOURISM MGMT	CTE - PHS	Secondary	9	12	Yes
TTH1001	FOUND SUS HOSP TOURISM MGMT A	CTE - PHS	Secondary	9	12	Yes
TTH1002	FOUND SUS HOSP TOURISM MGMT B	CTE - PHS	Secondary	9	12	Yes
TTH1150	FOUND SUS HOSP TOURISM MGMT	CTE - PHS	Secondary	9	12	Yes
TTH1151	FOUND SUS HOSP TOURISM MGMT A	CTE - PHS	Secondary	9	12	Yes
TTH1152	FOUND SUS HOSP TOURISM MGMT B	CTE - PHS	Secondary	9	12	Yes
TTM0100	M FOUND AUTO MAIN & LT REPAIR	CTE - IET	Secondary	6	8	Yes
TTM0101	M FOUND AUTO MAIN & LT REPAIR A	CTE - IET	Secondary	6	8	Yes
TTM0102	M FOUND AUTO MAIN & LT REPAIR B	CTE - IET	Secondary	6	8	Yes
TTM2000	AVIATION MAINTENANCE TECH 1	CTE - IET	CTE - IET	9	12	Yes
TTM2001	AVIATION MAINTENANCE TECH 1A	CTE - IET	CTE - IET	9	12	Yes
TTM2002	AVIATION MAINTENANCE TECH 1B	CTE - IET	CTE - IET	9	12	Yes
TTM3000	AVIATION MAINTENANCE TECH 2	CTE - IET	CTE - IET	9	12	Yes
TTM3001	AVIATION MAINTENANCE TECH 2A	CTE - IET	CTE - IET	9	12	Yes
TTM3002	AVIATION MAINTENANCE TECH 2B	CTE - IET	CTE - IET	9	12	Yes
TTM4000	AVIATION MAINTENANCE TECH 3	CTE - IET	CTE - IET	9	12	Yes
TTM4001	AVIATION MAINTENANCE TECH 3A	CTE - IET	CTE - IET	9	12	Yes
TTM4002	AVIATION MAINTENANCE TECH 3B	CTE - IET	CTE - IET	9	12	Yes
TTM4100	AVI MAIN TECH WK-BASE LEARN	CTE - IET	CTE - IET	9	12	Yes
TTM4101	AVI MAIN TECH WK-BASE LEARN A	CTE - IET	CTE - IET	9	12	Yes
TTM4102	AVI MAIN TECH WK-BASE LEARN B	CTE - IET	CTE - IET	9	12	Yes
TTO2000	SUSTAIN HOSP & TOUR MGMT 1	CTE - PHS	CTE - PHS	9	12	Yes
TTO2001	SUSTAIN HOSP & TOUR MGMT 1A	CTE - PHS	CTE - PHS	9	12	Yes
TTO2002	SUSTAIN HOSP & TOUR MGMT 1B	CTE - PHS	CTE - PHS	9	12	Yes
TTO3000	SUSTAIN HOSP & TOUR MGMT 2	CTE - PHS	CTE - PHS	9	12	Yes
TTO3001	SUSTAIN HOSP & TOUR MGMT 2A	CTE - PHS	CTE - PHS	9	12	Yes
TTO3002	SUSTAIN HOSP & TOUR MGMT 2B	CTE - PHS	CTE - PHS	9	12	Yes
TTO4100	SHTM WORK-BASED LEARNING	CTE - PHS	CTE - PHS	9	12	Yes
TTO4101	SHTM WORK-BASED LEARNING A	CTE - PHS	CTE - PHS	9	12	Yes
TTO4102	SHTM WORK-BASED LEARNING B	CTE - PHS	CTE - PHS	9	12	Yes
TTP2000	CULINARY ARTS FOOD PREP	CTE - PHS	CTE - PHS	9	12	Yes
TTP2001	CULINARY ARTS FOOD PREP A	CTE - PHS	CTE - PHS	9	12	Yes
TTP2002	CULINARY ARTS FOOD PREP B	CTE - PHS	CTE - PHS	9	12	Yes

**SY2023-2024 Career and Technical Education (CTE)
List of Courses Eligible for CTE Shortage Differential**

ACCN No	Course Title	CTE Pathway License Subject Area Requirement	ESSA HQ Qualification Requirement	Begin Grade	End Grade	ACCN Eligible for SY2023-2024 CTE Shortage Differential
TTR4000	KITCHEN RESTAURANT OPERATIONS	CTE - PHS	CTE - PHS	9	12	Yes
TTR4001	KITCHN RESTAURANT OPERATIONS A	CTE - PHS	CTE - PHS	9	12	Yes
TTR4002	KITCHN RESTAURANT OPERATIONS B	CTE - PHS	CTE - PHS	9	12	Yes
TTR4100	CULINARY ARTS WK-BASE LEARN	CTE - PHS	CTE - PHS	9	12	Yes
TTR4101	CULINARY ARTS WK-BASE LEARN A	CTE - PHS	CTE - PHS	9	12	Yes
TTR4102	CULINARY ARTS WK-BASE LEARN B	CTE - PHS	CTE - PHS	9	12	Yes
TTS1000	FOUND OF TRANS SERVICES	CTE - IET	Secondary	9	12	Yes
TTS1001	FOUND OF TRANS SERVICES A	CTE - IET	Secondary	9	12	Yes
TTS1002	FOUND OF TRANS SERVICES B	CTE - IET	Secondary	9	12	Yes
TTS1150	FOUND OF TRANS SERVICES	CTE - IET	Secondary	9	12	Yes
TTS1151	FOUND OF TRANS SERVICES A	CTE - IET	Secondary	9	12	Yes
TTS1152	FOUND OF TRANS SERVICES B	CTE - IET	Secondary	9	12	Yes
TTT2000	MARINE MAINTENANCE TECH 1	CTE - IET	CTE - IET	9	12	Yes
TTT2001	MARINE MAINTENANCE TECH 1A	CTE - IET	CTE - IET	9	12	Yes
TTT2002	MARINE MAINTENANCE TECH 1B	CTE - IET	CTE - IET	9	12	Yes
TTT3000	MARINE MAINTENANCE TECH 2	CTE - IET	CTE - IET	9	12	Yes
TTT3001	MARINE MAINTENANCE TECH 2A	CTE - IET	CTE - IET	9	12	Yes
TTT3002	MARINE MAINTENANCE TECH 2B	CTE - IET	CTE - IET	9	12	Yes
TTT4000	MARINE MAINTENANCE TECH 3	CTE - IET	CTE - IET	9	12	Yes
TTT4001	MARINE MAINTENANCE TECH 3A	CTE - IET	CTE - IET	9	12	Yes
TTT4002	MARINE MAINTENANCE TECH 3B	CTE - IET	CTE - IET	9	12	Yes
TTT4100	MARINE MAIN TECH WK-BASE LEARN	CTE - IET	CTE - IET	9	12	Yes
TTT4101	MARINE MAIN TECH WK-BASE LRN A	CTE - IET	CTE - IET	9	12	Yes
TTT4102	MARINE MAIN TECH WK-BASE LRN B	CTE - IET	CTE - IET	9	12	Yes
TTU1000	FOUND CULINARY	CTE - PHS	Secondary	9	12	Yes
TTU1001	FOUND CULINARY A	CTE - PHS	Secondary	9	12	Yes
TTU1002	FOUND CULINARY B	CTE - PHS	Secondary	9	12	Yes
TTU1150	FOUND CULINARY	CTE - PHS	Secondary	9	12	Yes
TTU1151	FOUND CULINARY A	CTE - PHS	Secondary	9	12	Yes
TTU1152	FOUND CULINARY B	CTE - PHS	Secondary	9	12	Yes
TTV3000	ADV CULINARY ARTS PASTRY SAV	CTE - PHS	CTE - PHS	9	12	Yes
TTV3001	ADV CULINARY ARTS PASTRY SAV A	CTE - PHS	CTE - PHS	9	12	Yes
TTV3002	ADV CULINARY ARTS PASTRY SAV B	CTE - PHS	CTE - PHS	9	12	Yes
TUM0100	M FOUND CULINARY	CTE - PHS	Secondary	6	8	Yes
TUM0101	M FOUND CULINARY A	CTE - PHS	Secondary	6	8	Yes
TUM0102	M FOUND CULINARY B	CTE - PHS	Secondary	6	8	Yes
TVM0100	M FOUND CREATIVE MEDIA	CTE - A & C	Secondary	6	8	Yes
TVM0101	M FOUND CREATIVE MEDIA A	CTE - A & C	Secondary	6	8	Yes

**SY2023-2024 Career and Technical Education (CTE)
List of Courses Eligible for CTE Shortage Differential**

ACCN No	Course Title	CTE Pathway License Subject Area Requirement	ESSA HQ Qualification Requirement	Begin Grade	End Grade	ACCN Eligible for SY2023-2024 CTE Shortage Differential
TVM0102	M FOUND CREATIVE MEDIA B	CTE - A & C	Secondary	6	8	Yes
TWM0100	M FOUND SUS HOSP TURISM MGMT	CTE - PHS	Secondary	6	8	Yes
TWM0101	M FOUND SUS HOSP TURISM MGMT A	CTE - PHS	Secondary	6	8	Yes
TWM0102	M FOUND SUS HOSP TURISM MGMT B	CTE - PHS	Secondary	6	8	Yes
TXM0100	EXPLORING CAREERS	CTE	Secondary	6	8	No
TXM0101	EXPLORING CAREERS A	CTE	Secondary	6	8	No
TXM0102	EXPLORING CAREERS B	CTE	Secondary	6	8	No
TYM0100	CAREER PATHWAYS WHEEL	CTE	Secondary	6	8	No
TYM0101	CAREER PATHWAYS WHEEL A	CTE	Secondary	6	8	No
TYM0102	CAREER PATHWAYS WHEEL B	CTE	Secondary	6	8	No
TYM0103	CAREER PATHWAYS WHEEL QTR	CTE	Secondary	6	8	No

CTE Pathway License Abbreviations and Full HTSB License Name	
CTE Pathway License Subject Area Requirement	Full Name of HTSB License
CTE - A & C	CTE - Arts and Communication
CTE - Business	CTE - Business
CTE - Health Services	CTE - Health Services
CTE - IET	CTE - Industrial and Engineering Technology
CTE - Natural Resources	CTE - Natural Resources
CTE - PHS	CTE - Public and Human Services