FY2012 CTE Secondary Workforce Development Career Field, CTE/Tech Prep Program, CTE Subject – Crosswalk
August 9, 2011

This crosswalk displays all secondary workforce development CTE/Tech Prep programs in each of the 16 career fields. For each CTE/Tech Prep program, there is a list of all the CTE anchor courses that can comprise that program. This crosswalk is an essential tool to help you:

- Identify the "CTE Program of Concentration" for each CTE Concentrator for EMIS reporting; and
- Complete a CTE-26 Application for a secondary workforce development CTE/Tech Prep program.

CTE Program	EMIS CTE Program Code	CTE Subject Name (Anchor Courses – Curriculum codes VN, VT, VC, VP)	CTE Subject Code
Agricultural and Environmental Systems (01)			
Agribusiness and Production Systems	A0	Agribusiness and Production Systems	010301
		Environmental and Agricultural Science	010001
		Animal Bioscience	010150
		Agriculture, Food and Natural Resources	010105
		Animal Science and Technology	010910
		Plant and Horticultural Science	010155
		Agronomic Systems	010620
		Animal Nutrition, Health and Reproduction	010915
		Business Management for A&E	010115
		Greenhouse and Nursery Management	010610
		Livestock Science	010920
		Meat Science & Technology	011020
		Small Animal Science	010925
		Veterinary Science	010930
		Agricultural and Environmental Systems Capstone	010190
		Agricultural & Industrial Power	010210
		Animal and Plant Biotechnology	012010
		Communications and Leadership	010110
		Energy Systems Management	010715
		Environmental Science for Agr. and Nat. Resources	010720
		Equine Science and Management	010935
		Natural Resources	010710
		Science & Technology of Food	011010
		Structural Engineering	010120
Agricultural and Industrial Power Technology	A1	Agricultural and Industrial Equipment	010201
		Environmental and Agricultural Science	010001
		Agriculture, Food and Natural Resources	010105
		Agricultural & Industrial Power	010210
		Electronic & Electrical Systems	010215
		Engines and Fuel Systems	010220
		Hydraulics and Pneumatics	010225
		Outdoor Power Technology	010235
		Power Sports	010240
		Power Trains	010230
		Business Management for A&E	010115
		Agricultural and Environmental Systems Capstone	010190
		Communications and Leadership	010110

CTE Program	EMIS CTE Program Code	CTE Subject Name (Anchor Courses – Curriculum codes VN, VT, VC, VP)	CTE Subject Code
Animal Science and Management	A2	Animal Science and Management Animal Bioscience Environmental and Agricultural Science Agriculture, Food and Natural Resources Animal Nutrition, Health and Reproduction Animal Science and Technology Equine Science and Management Livestock Science Small Animal Science Veterinary Science Wildlife and Fisheries Zoo and Aquarium Animal and Plant Biotechnology Business Management for A&E Systems Agricultural and Environmental Systems Capstone Communications and Leadership Structural Engineering	010901 010150 010001 010105 010915 010910 010935 010920 010925 010930 010745 010940 012010 010115 010190 010110 010120
Biotechnology for Food, Plant and Animal	A3	Biotechnology for Food, Plant and Animal Environmental and Agricultural Science Agriculture, Food and Natural Resources Animal and Plant Biotechnology Science & Technology of Food Agricultural and Environmental Systems Capstone Communications and Leadership	012000 010001 010105 012010 011010 010190 010110
Food Science and Technology	A4	Food Science and Technology Environmental and Agricultural Science Agriculture, Food and Natural Resources Science & Technology of Food Applications of Food Science and Technology Food Marketing and Research Meat Science & Technology Microbial Food Science and Safety Animal and Plant Biotechnology Business Management for A&E Systems Agricultural and Environmental Systems Capstone Communications and Leadership	011001 010001 010105 011010 011030 011015 011020 011025 012010 010115 010190 010110
Horticulture	A5	Horticulture Environmental and Agricultural Science Agriculture, Food and Natural Resources Plant and Horticultural Science Floral Design and Marketing Greenhouse and Nursery Management Landscape Design and Build Landscape Systems Management Turf Science & Management Urban Forestry Animal and Plant Biotechnology Business Management for A&E Systems Agricultural and Environmental Systems Capstone Communications and Leadership Natural Resources Agricultural & Industrial Power	010601 010001 010105 010155 010625 010610 010630 010615 010635 010740 012010 010115 010190 010110 010710 010210

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Natural Resource Management	A6	Natural Resource Management Environmental and Agricultural Science Agriculture, Food and Natural Resources Natural Resources Energy Systems Management Environmental Science for Agriculture and Natural Resources Environmental Systems Management Forestry and Woodland Ecosystems Park & Recreational Management Urban Forestry Wildlife & Fisheries Business Management for A&E Agricultural and Environmental Systems Capstone Communications and Leadership Zoo and Aquarium	010701 010001 010105 010710 010715 010720 010725 010730 010735 010740 010745 010115 010190 010110 010940
Arts and Communication (02)			
Media Arts	B0	Media Arts Principles of Arts and Communications	340015 340010
Performing Arts	B1	Performing Arts Principles of Arts and Communications	340020 340010
Visual Design and Imaging	B2	Visual Design and Imaging Principles of Arts and Communications	340005 340010
Business and Administrative Services (03)			
Administrative and Professional Support	C0	Administrative and Professional Support ~~Business and Management Foundations~~ Introduction to Business and Administrative Services Introduction to Marketing Finance Career Field Course	140300 ~~140001~~ 140050 040805 140025
Business Management	C1	Business Management ~~Business and Management Foundations~~ Introduction to Business and Administrative Services Introduction to Marketing Finance Career Field Course	140800 ~~140001~~ 140050 040805 140025
Legal Management and Support	C2	Legal Management and Support Introduction to Business and Administrative Services ~~Business and Management Foundations~~ Introduction to Marketing Finance Career Field Course	140310 140050 ~~140001~~ 040805 140025
Medical Management and Support	C3	Medical Management and Support Introduction to Business and Administrative Services ~~Business and Management Foundations~~ Introduction to Marketing Finance Career Field Course	140320 140050 ~~140001~~ 040805 140025
Construction Technologies (04)			
Brick, Block, and Cement Masonry	D0	Brick, Block and Cement Masonry Construction Technologies	171004 170005
Building and Property Maintenance	D1	Building and Property Maintenance Construction Technologies	171011 170005

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Building Technology	D2	Building Technology Construction Technologies	171017 170005
Carpentry	D3	Carpentry Construction Technologies	171001 170005
Construction Design—Build	D4	Construction—Design-Build Construction Technologies Development and Design	171805 170005 171300
Construction—Management	D5	Construction—Management Construction Technologies ~~Employability Skills~~ ~~Entrepreneurship Skills~~	171806 170005 ~~990362~~ ~~990361~~
Custodial Services	D6	Custodial Services Construction Technologies ~~Employability Skills~~ ~~Entrepreneurship Skills~~	171100 170005 ~~990362~~ ~~990361~~
Electrical Trade	D7	Electrical Trades Construction Technologies ~~Employability Skills~~ ~~Entrepreneurship Skills~~	171002 170005 ~~990362~~ ~~990361~~
Environmental Control Technologies	D8	Environmental Control Technologies Construction Technologies ~~Employability Skills~~ ~~Entrepreneurship Skills~~	170100 170005 ~~990362~~ ~~990361~~
Heavy Equipment Operations (Construction)	D9	Heavy Equipment (Construction) Construction Technologies ~~Employability Skills~~ ~~Entrepreneurship Skills~~	171003 170005 ~~990362~~ ~~990361~~
Interior Design Applications	DA	Interior Design Applications Construction Technologies ~~Employability Skills~~ ~~Entrepreneurship Skills~~	171005 170005 ~~990362~~ ~~990361~~
Plumbing and Pipefitting	DB	Plumbing and Pipefitting Construction Technologies ~~Employability Skills~~ ~~Entrepreneurship Skills~~	171007 170005 ~~990362~~ ~~990361~~
Wood Product Technologies	DC	Wood Product Technologies Construction Technologies ~~Employability Skills~~ ~~Entrepreneurship Skills~~	173601 170005 ~~990362~~ ~~990361~~
Education and Training (05)			
Early Childhood Education	E0	Early Childhood Education Introduction to Education and Training	350201 350001
Teaching Professions	E1	Teaching Professions Introduction to Education and Training	350011 350001
Engineering and Science Technologies (06)			
Biomedical Science	F0	Biomedical Science ~~Employability Skills~~ ~~Entrepreneurship Skills~~	175000 ~~990362~~ ~~990361~~
Energy Science	F1	Energy Science Engineering Systems ~~Employability Skills~~ ~~Entrepreneurship Skills~~	171600 170007 ~~990362~~ ~~990361~~

CTE Program	EMIS CTE Program Code	CTE Subject Name (Anchor Courses – Curriculum codes VN, VT, VC, VP)	CTE Subject Code
Engineering Science	F2	Introduction to Engineering, Principals of Engineering and Digital Design (3 classes) Computational Science and Engineering Computer Integrated Manufacturing Civil Engineering and Architecture Fuel Cell Technologies Materials Joining Technologies Biotechnical Engineering Engineering Design and Development Aerospace Engineering ~~Employability Skills~~ ~~Entrepreneurship Skills~~	171815 171821 171816 171817 171818 171819 171820 171825 171822 ~~990362~~ ~~990361~~
Engineering Technology	F3	Engineering Technology Engineering Systems ~~Employability Skills~~ ~~Entrepreneurship Skills~~	171810 170007 ~~990362~~ ~~990361~~
Power Transmissions	F4	Power Transmission Engineering Systems ~~Employability Skills~~ ~~Entrepreneurship Skills~~	171402 170007 ~~990362~~ ~~990361~~
Telecommunications	F5	Telecommunications Engineering Systems ~~Employability Skills~~ ~~Entrepreneurship Skills~~	171504 170007 ~~990362~~ ~~990361~~
Finance (07)			
Accounting	G0	Accounting Finance Career Field Course ~~Business and Management Foundations~~ Introduction to Business and Administrative Services Introduction to Marketing ~~Employability Skills~~ ~~Entrepreneurship Skills~~	140100 140025 ~~140001~~ 140050 040805 ~~990362~~ ~~990361~~
Financial Services	G1	Financial Services Finance Career Field Course ~~Business and Management Foundations~~ Introduction to Business and Administrative Services Introduction to Marketing ~~Employability Skills~~ ~~Entrepreneurship Skills~~	140110 140025 ~~140001~~ 140050 040805 ~~990362~~ ~~990361~~
Government and Public Administration (08)			
Government and Public Administration	H0	Government and Public Administration	360230
Health Science (09)			
Biotechnology	J0	Biotechnology Health Science ~~Employability Skills~~ ~~Entrepreneurship Skills~~	074850 070005 ~~990362~~ ~~990361~~
Clinical Health Care Services	J1	Clinical Health Care Services Health Science ~~Employability Skills~~ ~~Entrepreneurship Skills~~	071100 070005 ~~990362~~ ~~990361~~
Community Health Aide	J2	Community Health Aide Health Science ~~Employability Skills~~ ~~Entrepreneurship Skills~~	070906 070005 ~~990362~~ ~~990361~~

CTE Program	EMIS CTE Program Code	CTE Subject Name (Anchor Courses – Curriculum codes VN, VT, VC, VP)	CTE Subject Code
Dental Assistant	J3	Dental Assistant Health Science ~~Employability Skills~~ ~~Entrepreneurship Skills~~	070101 070005 ~~990362~~ ~~990361~~
Dental Lab Technology	J4	Dental Laboratory Technology Health Science ~~Employability Skills~~ ~~Entrepreneurship Skills~~	070103 070005 ~~990362~~ ~~990361~~
Diagnostic Pathway	J5	Diagnostic Pathway Health Science ~~Employability Skills~~ ~~Entrepreneurship Skills~~	074820 070005 ~~990362~~ ~~990361~~
Exercise Science/Sports and Recreation Healthcare	J6	Exercise Science/Sports and Recreation Healthcare Health Science ~~Employability Skills~~ ~~Entrepreneurship Skills~~	070410 070005 ~~990362~~ ~~990361~~
Health Information Management Services	J7	Health Information Management Services Health Science ~~Employability Skills~~ ~~Entrepreneurship Skills~~	074890 070005 ~~990362~~ ~~990361~~
Health Support Pathway	J8	Health Support Pathway Health Science ~~Employability Skills~~ ~~Entrepreneurship Skills~~	074840 070005 ~~990362~~ ~~990361~~
Health Unit Coordinator	J9	Health Unit Coordinator Health Science ~~Employability Skills~~ ~~Entrepreneurship Skills~~	070913 070005 ~~990362~~ ~~990361~~
Home Health	JA	Home Health Health Science ~~Employability Skills~~ ~~Entrepreneurship Skills~~	070307 070005 ~~990362~~ ~~990361~~
Medical Assistant	JB	Medical Assistant Health Science ~~Employability Skills~~ ~~Entrepreneurship Skills~~	070904 070005 ~~990362~~ ~~990361~~
Medical Lab Technology	JC	Medical Laboratory Technology Health Science ~~Employability Skills~~ ~~Entrepreneurship Skills~~	070203 070005 ~~990362~~ ~~990361~~
Nurse Assisting	JD	Nurse Assisting Health Science ~~Employability Skills~~ ~~Entrepreneurship Skills~~	070303 070005 ~~990362~~ ~~990361~~
Optometric Occupations	JE	Optometric Occupations Health Science ~~Employability Skills~~ ~~Entrepreneurship Skills~~	070603 070005 ~~990362~~ ~~990361~~
Patient Care Technician	JF	Patient Care Technician Health Science ~~Employability Skills~~ ~~Entrepreneurship Skills~~	070994 070005 ~~990362~~ ~~990361~~
Pharmacy Technician	JG	Pharmacy Assisting Health Science ~~Employability Skills~~ ~~Entrepreneurship Skills~~	070912 070005 ~~990362~~ ~~990361~~

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Phlebotomy	JH	Phlebotomy Health Science ~~Employability Skills~~ ~~Entrepreneurship Skills~~	070204 070005 ~~990362~~ ~~990361~~
Practical Nursing	JJ	Practical Nursing Health Science ~~Employability Skills~~ ~~Entrepreneurship Skills~~	070302 070005 ~~990362~~ ~~990361~~
Surgical Technology	JK	Surgical Technology Health Science ~~Employability Skills~~ ~~Entrepreneurship Skills~~	070305 070005 ~~990362~~ ~~990361~~
Therapeutic Pathway	JL	Therapeutic Pathway Health Science ~~Employability Skills~~ ~~Entrepreneurship Skills~~	074830 070005 ~~990362~~ ~~990361~~
Hospitality and Tourism (10)			
Culinary and Food Service Operations	L0	Culinary and Food Service Operations Introduction to Hospitality and Tourism ~~Employability Skills~~ ~~Entrepreneurship Skills~~	330005 330015 ~~990362~~ ~~990361~~
Lodging	L1	Lodging Introduction to Hospitality and Tourism ~~Employability Skills~~ ~~Entrepreneurship Skills~~	330010 330015 ~~990362~~ ~~990361~~
Travel and Tourism	L2	Travel and Tourism Introduction to Hospitality and Tourism ~~Employability Skills~~ ~~Entrepreneurship Skills~~	330020 330015 ~~990362~~ ~~990361~~
Human Services (11)			
Barbering	M0	Barbering Human Services ~~Employability Skills~~ ~~Entrepreneurship Skills~~	172601 172600 ~~990362~~ ~~990361~~
Cosmetology	M1	Cosmetology Human Services ~~Employability Skills~~ ~~Entrepreneurship Skills~~	172602 172600 ~~990362~~ ~~990361~~
Family and Community Services	M2	Family and Community Services Human Services ~~Employability Skills~~ ~~Entrepreneurship Skills~~	172605 172600 ~~990362~~ ~~990361~~
Vocational Job Training	M3	Job Training Coordinating	990371
Information Technology (12)			
Information Support and Services	N0	Information Support and Services Information Technology I ~~Employability Skills~~ ~~Entrepreneurship Skills~~	140210 140200 ~~990362~~ ~~990361~~
Interactive Media	N1	Interactive Media Information Technology I ~~Employability Skills~~ ~~Entrepreneurship Skills~~	140240 140200 ~~990362~~ ~~990361~~
Network Systems	N2	Network Systems Information Technology I ~~Employability Skills~~ ~~Entrepreneurship Skills~~	140220 140200 ~~990362~~ ~~990361~~

CTE Program	EMIS CTE Program Code	CTE Subject Name (Anchor Courses – Curriculum codes VN, VT, VC, VP)	CTE Subject Code
Programming and Software Development	N3	Programming and Software Development Information Technology I ~~Employability Skills~~ ~~Entrepreneurship Skills~~	140230 140200 ~~990362~~ ~~990361~~
Law and Public Safety (13)			
Career Paths for the Law Profession	P0	Career Paths for the Law Profession ~~Employability Skills~~ ~~Entrepreneurship Skills~~	172810 ~~990362~~ ~~990361~~
Criminal Justice	P1	Criminal Justice Public Safety Core ~~Employability Skills~~ ~~Entrepreneurship Skills~~	172802 172812 ~~990362~~ ~~990361~~
Criminal Science Technologies	P2	Criminal Science Technology Public Safety Core ~~Employability Skills~~ ~~Entrepreneurship Skills~~	172815 171812 ~~990362~~ ~~990361~~
Emergency Medical Technician—Secondary	P3	Emergency Medical Technician—Secondary Public Safety Core ~~Employability Skills~~ ~~Entrepreneurship Skills~~	172811 172812 ~~990362~~ ~~990361~~
Firefighter Training	P4	Fire Fighter Training Public Safety Core ~~Employability Skills~~ ~~Entrepreneurship Skills~~	172801 172812 ~~990362~~ ~~990361~~
Private Security	P5	Private Security Public Safety Core ~~Employability Skills~~ ~~Entrepreneurship Skills~~	172808 172812 ~~990362~~ ~~990361~~
Manufacturing Technologies (14)			
Automation and Robotics	R0	Automation & Robotics Manufacturing Technologies ~~Employability Skills~~ ~~Entrepreneurship Skills~~	170370 170006 ~~990362~~ ~~990361~~
Electronics	R1	Electronics Manufacturing Technologies ~~Employability Skills~~ ~~Entrepreneurship Skills~~	171503 170006 ~~990362~~ ~~990361~~
Integrated System Technologies	R2	Integrated Systems Technology Manufacturing Technologies ~~Employability Skills~~ ~~Entrepreneurship Skills~~	171012 170006 ~~990362~~ ~~990361~~
Manufacturing Design and Development	R3	Manufacturing Design and Development Manufacturing Technologies Construction Design-Build ~~Employability Skills~~ ~~Entrepreneurship Skills~~	171300 170006 171805 ~~990362~~ ~~990361~~
~~Manufacturing Occupations~~	~~R4~~	~~Manufacturing Occupations~~ ~~Manufacturing Technologies~~ ~~Employability Skills~~ ~~Entrepreneurship Skills~~	~~172303~~ ~~170006~~ ~~990362~~ ~~990361~~
Precision Machining	R5	Precision Machining Manufacturing Technologies ~~Employability Skills~~ ~~Entrepreneurship Skills~~	172302 170006 ~~990362~~ ~~990361~~

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Welding and Cutting	R6	Welding and Cutting Manufacturing Technologies ~~Employability Skills~~ ~~Entrepreneurship Skills~~	172306 170006 ~~990362~~ ~~990361~~
~~Manufacturing Operations~~	~~R7~~	~~Manufacturing Operations~~ ~~Manufacturing Technologies~~	~~170360~~ ~~170006~~
Marketing (15)			
~~Acquisition and Logistics~~ Supply Chain Management	S0	~~Acquisition and Logistics~~ Supply Chain Management Introduction to Marketing Introduction to Business and Administrative Services Finance Career Field Course	~~041900~~ 041900 040805 140050 140025
Entrepreneurship	S1	Entrepreneurship Introduction to Entrepreneurship Introduction to Marketing ~~Business and Management Foundations~~ Introduction to Business and Administrative Services Finance Career Field Course	044110 044100 040805 ~~140001~~ 140050 140025
High School of Business	S2	Leadership Wealth Management Principles of Business Principles of Economics Principles of Marketing Principles of Finance Principles of Management Business Strategies	042010 042015 042020 042025 042030 042035 042040 042045
Marketing Communications	S3	Marketing Communications Introduction to Marketing ~~Business and Management Foundations~~ Introduction to Business and Administrative Services Finance Career Field Course	040815 040805 ~~140001~~ 140050 140025
Marketing Management	S4	Marketing Management Introduction to Marketing ~~Business and Management Foundations~~ Introduction to Business and Administrative Services Finance Career Field Course	040810 040805 ~~140001~~ 140050 140025
Transportation Systems (16)			
Aircraft Maintenance	T0	Aircraft Maintenance Aviation Occupations Transportation Systems ~~Employability Skills~~ ~~Entrepreneurship Skills~~	170401 170400 170350 ~~990362~~ ~~990361~~
Auto Collision Repair	T1	Auto Collision Repair Transportation Systems ~~Employability Skills~~ ~~Entrepreneurship Skills~~	170301 170350 ~~990362~~ ~~990361~~
Auto Specialization	T2	Auto Specialization Transportation Systems ~~Employability Skills~~ ~~Entrepreneurship Skills~~	170303 170350 ~~990362~~ ~~990361~~

CTE Program	EMIS CTE Program Code	CTE Subject Name (Anchor Courses – Curriculum codes VN, VT, VC, VP)	CTE Subject Code
Auto Technology	T3	Auto Technology Transportation Systems ~~Employability Skills~~ ~~Entrepreneurship Skills~~	170302 170350 ~~990362~~ ~~990361~~
Aviation Occupations	T4	Aviation Occupations Ground Operations Transportation Systems ~~Employability Skills~~ ~~Entrepreneurship Skills~~	170400 170403 170350 ~~990362~~ ~~990361~~
Ground Operations	T5	Ground Operations Aviation Occupations Transportation Systems ~~Employability Skills~~ ~~Entrepreneurship Skills~~	170403 170400 170350 ~~990362~~ ~~990361~~
Maritime Occupations	T6	Maritime Occupations Transportation Systems ~~Employability Skills~~ ~~Entrepreneurship Skills~~	171801 170350 ~~990362~~ ~~990361~~
Medium/Heavy Truck Technician	T7	Medium/Heavy Truck Technician Transportation Systems ~~Employability Skills~~ ~~Entrepreneurship Skills~~	171200 170350 ~~990362~~ ~~990361~~
Power Equipment Technology	T8	Power Equipment Technology Transportation Systems ~~Employability Skills~~ ~~Entrepreneurship Skills~~	173100 170350 ~~990362~~ ~~990361~~