

Trade and Industrial Education Framework Submission Program Codes

Cluster: Pre-Occupational							
Pathways:	State Program Name:	State Program Code:	State Program Hours:	Local Program Code:	OCAS Code:	CIP:	SOC:
AC009- Trade and Industrial Education Exploration	Trade and Industrial Education Exploration	AC0050000	480	AC0080000	8940	NONE	NONE
Cluster: Agriculture, Food & Natural Resources - AG							
Pathways:	State Program Name:	State Program Code:	State Program Hours:	Local Program Code:	OCAS Code:	CIP:	SOC:
AG002 - Plant and Soil Science	Floriculture	AG0026000	960	AG0020031	9003/9011	1.0608	41-1011
	Horticulture	AG0026001	960	AG0020003	9004/ 9020	1.0601	11-9013; 37-1012; 37-3011
	Landscape Design/Maintenance	AG0076000	960	AG0070002	9005/ 9012	1.0601	11-9013; 37-1012; 37-3011
	Service Careers Horticulture	AG0026002	960	AG0020006	9008/9014	1.0601	11-9013; 37-1012; 37-3011
AG003 - Animal Science	Equine Science	AG0036000	600	AG0030004	9002/9000	1.0307	11-9013
Cluster: Architecture & Construction- AC							
Pathways:	State Program Name:	State Program Code:	State Program Hours:	Local Program Code:	OCAS Code:	CIP:	SOC:
AC003 - Construction	Cabinetmaking	AC0030057	480	AC0030107	9111	48.0703	51-7011
	Cabinetmaking Advanced	AC0046005	960	AC0030008	9111/9112	48.0703	51-7011
	Carpentry	AC0036000	480	AC0030012	9053	46.0201	51-7099; 47-2031
	Carpentry Advanced	AC0036006	960	AC0030039	9078	46.0201	51-7099; 47-2031
	Construction Technology Introduction	AC0030083	240	AC0030108		46.0000	47-2031
	Construction Technology Basic	AC0040020	480	AC0070010	9098	46.0000	47-2031
	Construction Technology	AC0046010	600	AC0070011	9098	46.0000	47-1011
	Construction Technology Advanced	AC0036009	960	AC0070012	9098/9099	46.0000	47-1011
	Heavy Equipment Operation	AC0036008	480	AC0030100	9061	49.0202	47-2073; 47-5099; 53-7032; 47-2071
	Heavy Equipment Operation	AC0030089	960	AC0030028	9061/9089	49.0202	47-2073; 47-5099; 53-7032; 47-2071
	Masonry Assistant	AC0046011	480	AC0030010	9065	46.0101	47-2044; 47-2022; 47-2021; 47-1011
	Masonry	AC0036010	960	AC0030031	9065/9066	46.0101	47-2044; 47-2022; 47-2021; 47-1011
AC004 - Maintenance/Operations	Service Careers - Facilities, Grounds and Service	AC0046012	480	AC0040027	9071/9076	46.0401	49-9071; 37-1011
	Service Careers - Facilities, Grounds and Service	AC0040052	960	AC0040036	9071/9076	46.0401	49-9071; 37-1011
	Building Maintenance	AC0046013	960	AC0040072	9071/9076	46.0401	49-9071; 37-1011
AC008 - Skilled Trades	Electrician Assistant	AC0046014	480	AC0030006	9058	46.0302	47-1011; 47-2111
	Electrical Assistant	AC0030006	600	AC0030020	9058/9086	46.0302	47-1011; 47-2111
	Electrical Trades	AC0036003	1000	AC0030019	9058/9086	46.0302	47-1011; 47-2111
	Heating, Ventilation & Air Conditioning Installer	AC0036016	480	AC0030007	9059	47.0201	49-9021; 49-1011
	Heating, Ventilation & Air Conditioning	AC0036007	1000	AC0030004	9059/9080	47.0201	49-9021; 49-1011
	Plumbing Assistant	AC0030084	480	AC0030084	9067	46.0503	47-2152
	Plumbing	AC0036011	1000	AC0030005	9067/9095	46.0503	47-1011
Cluster: Arts, Audio/Video Technology & Communications - AR							
Pathways:	State Program Name:	State Program Code:	State Program Hours:	Local Program Code:	OCAS Code:	CIP:	SOC:
AR001 - Audio and Video Technology	Audio and Video Technology	AR0016000	480	AR0020005	9127/ 9168	9.0702; 10.0299	15-1255; 27-4011
	Audio and Video Technology	AR0066005	960	AR0020002	9127/ 9168	9.0702; 10.0299	15-1255; 27-4011
AR004 - Printing Technology	Graphic Communications	AR0046002	480	AR0040022	9133/ 9144	10.0301	51-5111
	Graphic Communications	AR0066006	960	AR0060036	9133/ 9144	10.0301	51-5111
AR006 - Visual Arts	3D Gaming Design	AR0046000	480	AR0060044	9151/ 9152	50.0411	27-1014
	3D Gaming Design	AR0066007	960	AR0060030	9151/ 9152	50.0411	27-1014
	Commercial Photography	AR0066000	480	AR0060045	9130/ 9156	50.0406	27-4021
	Commercial Photography	AR0066008	960	AR0060042	9130/ 9156	50.0406	27-4021
	Web Design and Development	AR0066004	480	AR0060017	9140/ 9141	11.0801	27-1024
	Web Design and Development	AR0066009	960	AR0060046	9140/ 9141	11.0801	27-1024
Cluster: Energy & Power - EP							
Pathways:	State Program Name:	State Program Code:	State Program Hours:	Local Program Code:	OCAS Code:	CIP:	SOC:
EP003- Maintenance, Installation and Repair	Broadband Installer	EP0020006	480	EP0020001	9736 /9737	47.0103	49-2022
	Electrical Lineman	EP0020002	1000	EP0020000	9961	46.0301	49-9051
	Electrical Lineman 2 ADULT ONLY	EP0020004	1320	EP0021001	n/a	46.0303	49-9051
	Industrial Mechanic Assistant	EP0020010	480	EP0021002	9736/9737	15.0403	17-3024
	Industrial Mechanic	EP0020011	960	EP0021003	9736/9737	15.0403	17-3024
	Pipeline Technology	EP0020012	1000	EP0021004	9935/9936	15.0903	19-4041
	Underground Utility Locating Technician	EP0020005	480	EP0020009	9736	47.0103	43-2099
	Wind Energy	EP0020001	800	EP0021005	9736 /9737	15.0303	17-3023

Cluster: Human Services - HM							
Pathways:	State Program Name:	State Program Code:	State Program Hours:	Local Program Code:	OCAS Code:	CIP:	SOC:
HM004 - Personal Care Services	Barber	HM0046001	1500	HM0040013	9477 / 9487	12.0402	39-5011
	Barber Crossover	HM0040013	300	HM0040014	9477	12.0402	39-5011
	Cosmetology	HM0040006	1000	HM0040006	9478/ 9488	12.0401	39-5012; 39-5091; 39-5092; 39-5094
	Cosmetology	HM0046002	1500	HM0040003	9478/ 9488	12.0401	39-5012; 39-5091; 39-5092; 39-5094
	Esthetics	HM0046003	600	HM0040002	9481 / 9490	12.0409; 12.0414; 12.0408	39-5094
	Manicurist/Nail Technician	HM0046004	600	HM0040001	9483 / 9491	12.0410; 12.0413	39-5092
	Master Instructor	HM0040007	1000	HM0040007	9478/ 9488	12.0401	39-5012; 39-5091; 39-5092; 39-5094
	Practicing Master Instructor	HM0040008	300	HM0040008	9478 / 9488	12.0401	39-5012; 39-5091; 39-5092; 39-5094
Cluster: Law, Public Safety, Corrections & Security - LW							
Pathways:	State Program Name:	State Program Code:	State Program Hours:	Local Program Code:	OCAS Code:	CIP:	SOC:
LW004 - Law Enforcement Services	Basic Peace Officer	LW0040029	700	LW0040047	n/a	43.0107	33-3051
	Criminal Justice	LW0046000	480	LW0040003	9629 / 9638	43.0199; 43.0107	33-3012
	Criminal Justice Advanced	LW0046001	960	LW0040033	9629 / 9638	43.0199; 43.0107	33-3012
LW002 - Emergency & Fire Management Services	Firefighter	LW0026000	480	LW0020004	9630 / 9645	43.0203	33-2011
	Firefighter	LW0046002	960	LW0020006	9630 / 9645	43.0203	33-2011
	Firefighter/EMT Academy	LW0020061	1050	LW0020066	9630/9645	43.0203; 51.0810	33-2011; 53-3011
Cluster: Manufacturing - MN							
Pathways:	State Program Name:	State Program Code:	State Program Hours:	Local Program Code:	OCAS Code:	CIP:	SOC:
MN001 - Manufacturing Production Process Development	Applied Engineering Technology	MN0016001	480	MN0010002	9876/ 9877	15.0403	17-3024
	Computer Aided Drafting	MN0011602	480	MN0010007	9681	15.1302	17-3011; 17-3013
	Computer Aided Drafting	MN0016000	960	MN0010008	9681/ 9682	15.1302	17-3011; 17-3013
MN002 - Production	CNC Machining Assistant	MN0011603	480	MN0110002	9679 / 9680	48.0510; 48.0503	51-4012; 51-4081; 51-9161; 51-4034
	CNC Machining	MN0026000	600	MN0020006	9679 / 9680	48.0510; 48.0503	51-4012; 51-4081; 51-9161; 51-4034
	CNC Machining Advanced	MN0011604	960	MN0020014	9679 / 9680	48.0510; 48.0503	51-4012; 51-4081; 51-9161; 51-4034
	Manual Machining	MN0116001	480	MN0020004	9697 / 9698	48.0501	51-4199
	Manual Machining	MN0026001	960	MN0020015	9697 / 9698	48.0501	51-4199
MN003 - Maintenance, Installation & Repair	Industrial Motor Control	MN0011605	480	MN0030071	9684 / 9685	47.0105	17-3026
	Industrial Motor Control	MN0036000	960	MN0030062	9684 / 9685	47.0105	17-3026
	Robotic Systems Technician	MN0030045	480	MN0030045	9723	15.0405	17-3024
	Mechatronics Production and Automation	MN0011606	480	MN0030014	9723 / 9724	15.0406	49-9069
	Mechatronics Production and Automation	MN0036001	960	MN0030049	9723 / 9724	15.0406	49-9069
MN007 - Welding and Metal Fabrication	Metal Fabrication	MN0076000	480	MN0070014	9702 / 9708/ 9714/ 9735	48.0511	51-4121
	Metal Fabrication	MN0011607	600	MN0070038	9702 / 9708/ 9714/ 9735	48.0511	51-4121
	Metal Fabrication	MN0011608	960	MN0070026	9702 / 9708/ 9714/ 9735	48.0511	51-4121
	Welding	MN0116002	480	MN0070029	9707	48.0508; 48.0511	51-4121; 51-4122; 51-2041
	Welding	MN0011609	600	MN0070030	9707 / 9708	48.0508; 48.0511	51-4121; 51-4122; 51-2041
	Welding	MN0011610	960	MN0070025	9707 / 9708	48.0508; 48.0511	51-4121; 51-4122; 51-2041
	Welding	MN0011610	960	MN0070025	9707 / 9708	48.0508; 48.0511	51-4121; 51-4122; 51-2041
Cluster: Transportation, Distribution & Logistics - TR							
Pathways:	State Program Name:	State Program Code:	State Program Hours:	Local Program Code:	OCAS Code:	CIP:	SOC:
TR006	Agriculture Mechanics-TR	TR0106001	960	TR0100009	9946/ 9947	1.0205	49-3041
TR001 - Transportation Operations	Private Pilot	TR0016000	480	TR0010002	9917	49.0105	53-2022
	Truck Driver Training	TR0156001	240	TR015009	9920	49.0205	53-3032
	Truck Driver Training	TR0016001	600	TR0010003	9920	49.0205	53-3032
TR004 - Facility and Mobile Equipment Maintenance	Marine Repair Technology	TR0046001	960	TR0040003	9911/ 9926	47.0616	49-3051
	Motorcycle Technology	TR0046002	960	TR0040004	9914/ 9927	47.0611	49-3052
TR008 - Automotive Service	Automotive Service Technology MLR	TR0086000	540	TR0080030	9906/ 9907	47.0600; 47-0604	49-3023
	Automotive Service Technology	TR0156602	960	TR0080025	9906/ 9907	47.0600; 47-0604	49-3023
TR009 - Automotive Collision Repair	Automotive Collision Repair and Refinishing	TR0156011	480	TR0090012	9904 / 9905	47.0603	49-3021
	Automotive Collision Repair and Refinishing	TR0156003	960	TR0090008	9904 / 9905	47.0603	49-3021
TR010 - Medium/Heavy Diesel Truck Repair	Medium/Heavy Diesel Service	TR0156004	480	TR0100001	9912	47.0605; 47.0613	49-3031; 49-3023
	Medium/Heavy Diesel Service	TR0156005	600	TR0100013	9912/ 9913	47.0605; 47.0613	49-3031; 49-3023
	Medium/Heavy Diesel Service	TR0156006	740	TR0100004	9912/ 9913	47.0605; 47.0613	49-3031; 49-3023
	Medium/Heavy Diesel Service	TR0156012	960	TR0100012	9912/ 9913	47.0605; 47.0613	49-3031; 49-3023
	Medium/Heavy Diesel Service	TR0156007	1040	TR0100002	9912/ 9913	47.0605; 47.0613	49-3031; 49-3023
TR011 - Aerospace Maintenance	A & P Mechanic	TR0156008	672	TR0110005	9901 / 9922	47.0607; 47.0608	49-3011; 51-2011; 49-2091; 17-3021
	A & P Mechanic	TR0156013	1920	TR0110016	9901 / 9922	47.0607; 47.0608	49-3011; 51-2011; 49-2091; 17-3021
	Aerospace Technician	TR0110007	672	TR0110005	9901 / 9922	47.0607; 47.0608	49-3011; 51-2011; 49-2091; 17-3022
	Aerospace Technician	TR0156014	960	TR0110001	9901 / 9922	47.0607; 47.0608	49-3011; 51-2011; 49-2091; 17-3022
	Aerospace Maintenance Foundations	TR0156009	480	TR0150010	9948/ 9949	15.0801	17-3021
	Aerospace Maintenance Foundations	TR0156010	960	TR0110012	9948/ 9949	15.0801	17-3021