

**Term 1121 ONLINE APPRENTICESHIP CLASS NUMBERS**

<b>Term</b>	<b>Sub Area</b>	<b>Cat #</b>	<b>Description</b>	<b>Class #</b>	<b>Fee</b>
<b>Automotive Service Technician</b>					
1121	AUTO	801	Fundamental Shop Skills	2005	82.80
1121	AUTO	1800	Basic Welding	2006	82.80
1121	AUTO	1802	Wheels Tires Suspension Syst	2007	82.80
1121	AUTO	1803	Basic Elec Electronic Sys	2008	82.80
1121	AUTO	1804	Starting & Charging Systems	2009	82.80
1121	AUTO	1805	Ignition Systems	2010	82.80
1121	AUTO	1806	Inst Accessories Supl Rest Sys	2011	82.80
1121	AUTO	1807	Steering Systems	2012	82.80
1121	AUTO	1808	Vehicle Alignments	2013	82.80
1121	AUTO	1809	Drive Lines & Components	2014	82.80
1121	AUTO	1810	Clutches & Manual Transmission	2015	82.80
1121	AUTO	1811	Transfer Cases & Hub Assemblie	2016	82.80
1121	AUTO	1812	Automatic Trans Cont & Service	2017	82.80
1121	AUTO	1813	Brake Systems	2018	82.80
1121	AUTO	1814	ABS/Traction Control Systems	2019	82.80
1121	AUTO	1815	HVAC Systems	2020	82.80
1121	AUTO	1816	Engine Principles	2021	82.80
1121	AUTO	1817	Engine Cooling & Lubrication	2022	82.80
1121	AUTO	1818	Engine Diagnosis,Service & Rep	2023	82.80
1121	AUTO	1819	Diesel Engines	2024	82.80
1121	AUTO	1820	Exhaust Emission Ctrl Sys	2025	82.80
1121	AUTO	1821	Air & Fuel Delivery Systems	2026	82.80
1121	AUTO	1822	Gas Fuel Injection Diag	2027	82.80
1121	AUTO	1823	Vehicle Inspections	2028	82.80
1121	AUTO	1824	Engine Mgt & Diagnostic Syst	2029	82.80
1121	AUTO	1836	Lighting and Wiper Systems	5583	82.80
1121	AUTO	1837	Chassis Systems 2	5584	82.80
1121	AUTO	1851	Engine Principles and Fuel Delivery Systems	5585	82.80

Term	Sub Area	Cat #	Description	Class #	Fee
<b>Carpentry</b>					
1121	CARP	800	Construction Safety	2030	82.80
1121	CARP	801	Carpentry Tools	2031	82.80
1121	CARP	802	Construction Blueprints	2032	82.80
1121	CARP	1824	Introduction to Building Materials	5589	82.80
1121	CARP	1803	Equal Slope Hip Roof	2033	82.80
1121	CARP	1804	Intersect Roofs of Equal Slope	2034	82.80
1121	CARP	1805	Exterior Finish	2035	82.80
1121	CARP	1806	Exterior Siding / Cladding	2036	82.80
1121	CARP	1807	Residential Flr,Wall&Ceil Cove	2037	82.80
1121	CARP	1808	Interior Trim	2038	82.80
1121	CARP	1809	Common Stairs	2039	82.80
1121	CARP	1810	Cabinets and Millwork	2040	82.80
1121	CARP	1811	Advanced Roofs	2041	82.80
1121	CARP	1812	Advanced Stairs	2042	82.80
1121	CARP	1813	Heavy/Commercial Construction	2043	82.80
1121	CARP	1814	Energy Efficient Construction	2044	82.80
1121	CARP	1815	Comm Blueprint Read&Estimating	2045	82.80
1121	CARP	1817	Renovation	2046	82.80
1121	CARP	1819	Residential Foundations	2047	82.80
1121	CARP	1820	Residential Framing	2048	82.80
1121	CARP	1821	Gable Roofs	2049	82.80
1121	CARP	1826	Windows Doors	5586	82.80
<b>Cooking</b>					
1121	COOK	801	Human Relations	2050	82.80
1121	COOK	802	Health and Safety	2051	82.80

1121	COOK	1803	Stock and Soups	2052	82.80
1121	COOK	1804	Sauces	2053	82.80
1121	COOK	1805	Meat, Poultry and Game Cutting	2054	82.80
1121	COOK	1806	Meat, Poultry&Game Preparation	2055	82.80
1121	COOK	1807	Fish and Seafood	2056	82.80
1121	COOK	1808	Cold Kitchen I	2057	82.80
1121	COOK	1809	Cold Kitchen 2	2058	82.80
1121	COOK	1810	Eggs Breakfast Cookery	2059	82.80
1121	COOK	1811	Baking & Desserts I	2060	82.80
1121	COOK	1812	Baking and Desserts 2	2061	82.80
1121	COOK	1813	Baking and Desserts 3	2062	82.80
1121	COOK	1814	Food Serv Mgmt 2A (Nutrition)	2063	82.80
1121	COOK	1815	Food Serv Mgmt 2B (Menu)	2064	82.80
1121	COOK	1816	Food Serv Mgmt 1(costing)	2065	82.80
1121	COOK	1817	Basic Cooking Principles	2066	82.80
1121	COOK	1818	Veg & Starch Cookery	2067	82.80

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<b>Electrical (Construction &amp; Industrial)</b>					

1121	ELEC	801	Safety Practices/Bldg Codes	2068	82.80
1121	ELEC	802	Generic Blueprint	2069	82.80
1121	ELEC	1804	Tools and Equipment	2070	82.80
1121	ELEC	1805	DC Theory/Series & Parall Circ	2071	82.80
1121	ELEC	1806	Conductors Cables Voltage Drop	2072	82.80
1121	ELEC	1807	Raceway Installation	2073	82.80
1121	ELEC	1808	Heating Systems	2074	82.80
1121	ELEC	1809	3Phase Theor Dist Sys Cond	2075	82.80
1121	ELEC	1810	Dist Equip Protective Devices	2076	82.80
1121	ELEC	1812	Transformers	2077	82.80
1121	ELEC	1813	High-Voltage Systems	2078	82.80
1121	ELEC	1814	DC Machines and Controls	2079	82.80
1121	ELEC	1815	Single-Phase Motors	2080	82.80

1121	ELEC	1816	AC Gen 3 Phase Motors	2081	82.80
1121	ELEC	1817	Motor Starters/Control Devices	2082	82.80
1121	ELEC	1818	Programmable Logic Controllers	2083	82.80
1121	ELEC	1819	Pwr Supply/Rect/Ctrl Circuits	2084	82.80
1121	ELEC	1820	Inte Circuits/Amp/Solid St Dri	2085	82.80
1121	ELEC	1821	Signaling Systems	2086	82.80
1121	ELEC	1822	Trouble Shoot/Elect Blueprints	2087	82.80
1121	ELEC	1823	Emergency Standby/Comms Syst	2088	82.80
1121	ELEC	1824	Fundamental Wiring	2089	82.80
1121	ELEC	1825	Lighting and Controls	2090	82.80
1121	ELEC	1826	Hydraulic/Pneumatic Systems	2091	82.80
1121	ELEC	1827	Servomechanisms/Analogue Devic	2092	82.80
1121	ELEC	1828	Process Ctrl/Dist Ctrl Systems	2093	82.80
1121	ELEC	1829	HVAC Mon/Mgt Syst/Vibration An	2094	82.80
1121	ELEC	1830	Boiler Ctrl & Air Conditioning	2095	82.80
1121	ELEC	1831	SINGLE PHASE THEORY II	2096	82.80
1121	ELEC	1832	Single Phase Service Entrance	2097	82.80
1121	ELEC	1833	Three Phase Service Entrance	2098	82.80
1121	ELEC	1834	Single Phase Theory I	2099	82.80

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<b>Gas Fitter 1</b>					

1121	GAS1	801	Flame Safeguard	2100	82.80
1121	GAS1	802	Commercial Appliances	2101	82.80
1121	GAS1	803	Gas Fired Air Conditioning	2102	82.80
1121	GAS1	804	Electricity	2103	82.80
1121	GAS1	805	Controls	2104	82.80
1121	GAS1	806	Valve Trains & Burners	2105	82.80

<b>Gas Fitter 2</b>					
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1121	GAS2	801	Piping & Tubing Systems for In	2106	82.80
1121	GAS2	802	Basic Electricity	2107	82.80
1121	GAS2	803	Controls	2108	82.80

1121	GAS2	804	Gas Appliances	2109	82.80
1121	GAS2	805	Forced Air Systems	2110	82.80
1121	GAS2	806	Hydronic & Domestic Water Heat	2111	82.80
1121	GAS2	807	Building Science and Air Handl	2112	82.80
1121	GAS2	808	Liquid Propane	2113	82.80

### Gas Fitter 3

1121	GAS3	801	Safety, Policies and Regulatio	2114	82.80
1121	GAS3	802	Tools, Equipment and Piping	2115	82.80
1121	GAS3	803	Properties & Safe Handling of	2116	82.80
1121	GAS3	804	Electrical	2117	82.80
1121	GAS3	805	Tech Manuals, Spec. & Drawings	2118	82.80
1121	GAS3	806	Gas Appliances	2119	82.80

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### Machinist

1121	MACH	800	Rigging / Fundamental Skills	2120	82.80
1121	MACH	801	Hand Tools & Basic Layout	2121	82.80
1121	MACH	802	Machine Shop Measuring	2122	82.80
1121	MACH	803	Mechanical Drawings	2123	82.80
1121	MACH	1805	Specialty Mach Materials/Recip	2124	82.80
1121	MACH	1806	Precision Measure/Boring Mills	2125	82.80
1121	MACH	1813	Advanced Lathe Operations	2126	82.80
1121	MACH	1814	Vertical Milling Machine Opera	2127	82.80
1121	MACH	1815	Spur Gears	2128	82.80
1121	MACH	1816	Plan&Measure/Precision Layout	2129	82.80
1121	MACH	1818	Abrasives & Surface Grinders	2130	82.80
1121	MACH	1819	Cylindrical Grinders&Universal	2131	82.80
1121	MACH	1820	Numerical Control & CNC	2132	82.80
1121	MACH	1821	CNC Programming	2133	82.80
1121	MACH	1822	Bevel, Helical & Worm Gears	2134	82.80
1121	MACH	1823	Jigs & Fixtures	2135	82.80
1121	MACH	1824	Special Processes (EDM)	2136	82.80

1121	MACH	1825	Cut Fluids&Coolants/Offhand	2137	82.80
1121	MACH	1826	Drilling Machines	2138	82.80
1121	MACH	1828	Mech Fast/Pwr Trans/Lubricat	2139	82.80
1121	MACH	1829	Material Select&Heat Treat/Car	2140	82.80
1121	MACH	1830	Machinist Review Week	2141	82.80

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#### Oil Heat Technician Systems

1121	OILB	801	Fundamental Skills	2142	82.80
1121	OILB	802	TIs & Equip Soldr Flare Thread	2143	82.80
1121	OILB	1804	Combustion & Air Handling	2144	82.80
1121	OILB	1805	Basic Electricity I	2145	82.80
1121	OILB	1806	Basic Electricity II	2146	82.80
1121	OILB	1807	Controls & Wiring	2147	82.80
1121	OILB	1809	Comb Chmb Chim Vent Dft Ctl	2148	82.80
1121	OILB	1810	Hydronic Heating Systems	2149	82.80
1121	OILB	1811	Warm Air Furnace Steam Sys	2150	82.80
1121	OILB	1815	Fuel Storage	2151	82.80
1121	OILB	1816	Fuel Delivery Systems	2152	82.80
1121	OILB	1817	Plan Maint/Trade Practice	2153	82.80
1121	OILB	1818	Electricity III	2154	82.80

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#### Refrigeration Plant Operator

1121	PEFC	RPO1	RPO-Thermodyn & Mech	2155	82.80
1121	PEFC	RPO2	RPO Piping & Safety	2156	82.80
1121	PEFC	RPO3	RPO Codes & Compress Sys	2157	82.80
1121	PEFC	RPO4	RPO Air Condition Sys	2158	82.80

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#### Power Engineering 4th Class

1121	PEFC	4AC1	Math, Mech & Thermodynamics	2159	82.80
1121	PEFC	4AC2	Safety	2160	82.80
1121	PEFC	4AC3	Admin, Environment and Piping	2161	82.80

1121	PEFC	4AC4	High Pressure Boilers	2162	82.80
1121	PEFC	4BC5	Prime Movers, Lub & Maintence	2163	82.80
1121	PEFC	4BC6	Elect, Instrumentation & Plant	2164	82.80
1121	PEFC	4BC7	Heating Boilers and Systems	2165	82.80
1121	PEFC	4BC8	Refrigeration & Air Condition	2166	82.80

### Power Engineering 3rd Class

1121	PEFC	3C1	Applied Math & Mechanics	2167	82.80
1121	PEFC	3C2	Thermodynamics & Applied Scien	2168	82.80
1121	PEFC	3C3	Codes,Safety,Combustion&Piping	2169	82.80
1121	PEFC	3C4	Elect,Instrum & Types of Plant	2170	82.80
1121	PEFC	3C5	Boiler Design, Boiler Construc	2171	82.80
1121	PEFC	3C6	Boiler Oper,Heating Boiler	2172	82.80
1121	PEFC	3C7	Prime Movers	2173	82.80
1121	PEFC	3C8	Air Compression,Refrige & Lub	2174	82.80

### Power Engineering 2nd Class

1121	PESC	1801	Industrial Legislation	2175	82.80
1121	PESC	1802	Applied Mechanics	2176	82.80
1121	PESC	1803	Thermodynamics	2177	82.80
1121	PESC	1804	Metallurgy	2178	82.80
1121	PESC	1805	Boilers	2179	82.80
1121	PESC	1806	Pumps and Water Treatment	2180	82.80
1121	PESC	1807	Heat Engines & Prime Movers	2181	82.80
1121	PESC	1808	Lube, Piping, Mech Drawing	2182	82.80
1121	PESC	1809	Plant Sys & Instrumentation	2183	82.80
1121	PESC	1810	Fuels, Combustion & Envrn Prot	2184	82.80
1121	PESC	1811	Electro-technology	2185	82.80
1121	PESC	1812	Compression & Refrigeration	2186	82.80

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### Plumbing

1121	PSP	1804	Blueprint Read & Interpret II	2187	82.80
1121	PSP	1807	Blueprint Read & Interpret 3	2188	82.80

1121	PSP	1808	Hydronic Heating I	2189	82.80
1121	PSP	1809	Hydronic Heating II	2190	82.80
1121	PSP	1823	Water Supply II	2191	82.80
1121	PSP	1825	Draining & Venting Systems IIB	2192	82.80
1121	PSP	1828	Drain & Vent III	2193	82.80
1121	PSP	1834	Drain & Vent IIC	2194	82.80
1121	PSP	1835	Basic Electricity	2195	82.80
1121	PSP	1836	Drainage and Venting 2A	2196	82.80
1121	PSP	1837	Specialty Piping Applications2	2197	82.80
1121	PSP	1838	Water Supply 3	2198	82.80
1121	PSP	1839	Rural Water Supply/Rural Waste	2199	82.80
1121	PSP	1840	Specialty Plumbing Application	2200	82.80
1121	PSP	1841	Gas Piping 2(High Pressure)	2201	82.80
1121	PSP	1842	Cross Connection Control	2202	82.80
1121	PSP	1843	Gas Piping 1(Low Pressure)	2203	82.80

Term	Sub Area	Cat #	Description	Class #	Fee
<b>Blaster - non credit</b>					

1121	GENL	9047	Blaster Safety	2204	82.80
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