



## CareerTech Career Majors

<b>Career Majors INCLUDED in the A-F Report</b>			
<b>Cluster</b>	<b>Code</b>	<b>Career Major Name</b>	<b>Hours</b>
AC	AC0030031	Advanced Brick Mason	615
AC	AC0030011	Advanced Frame Carpenter	405
AC	AC0030050	Brick And Concrete Masons' Assistant	1005
AC	AC0030010	Brick Mason	615
AC	AC0040036	Building Maintenance Assistant	540
AC	AC0040013	Building Maintenance Technician (Generalist)	645
AC	AC0040038	Building Maintenance Technician And Grounds Keeper	975
AC	AC0040039	Building Maintenance Technician And Grounds Keeper Assistant	540
AC	AC0030008	Cabinetmaker	780
AC	AC0020012	Cad Architectural Design Specialist	923
AC	AC0020008	Cad Architectural Drafter	645
AC	AC0020009	Cad Basic Architectural Drafter	525
AC	AC0020010	Cad Basic Drafter	525
AC	AC0020006	Cad Design Architectural Specialist	1020
AC	AC0020003	Cad Design Pipe Specialist	1275
AC	AC0020002	Cad Technician Architectural	855
AC	AC0020004	Cad Technician Pipe Design	840
AC	AC0030059	Carpenter'S Helper	525
AC	AC0030019	Commercial Electricians Assistant	870
AC	AC0030076	Commercial Frame Carpenter	910
AC	AC0030014	Commercial Hvac Installer	810
AC	AC0040007	Commercial Hvac Technician	1200
AC	AC0030036	Concrete Finisher	930
AC	AC0030013	Concrete Mason	675
AC	AC0040006	Construction Technician	1005
AC	AC0030083	Construction Technology	960
AC	AC0030023	Construction Welder	420
AC	AC0030051	Data Cabling Installer	780
AC	AC0030085	Electricians Assistant	1050
AC	AC0030065	Electrician'S Assistant-Complete	1230
AC	AC0030086	Entry Level Electricians Assistant	360
AC	AC0030087	Entry Level Plumbing Assistant	375
AC	AC0030032	Finish Carpenter	825
AC	AC0030057	Finish Carpentry And Cabinetmaking	1200
AC	AC0030026	Form Carpenter	585
AC	AC0030012	Frame Carpenter	615
AC	AC0030088	Green Construction Trades Technician	705
AC	AC0040037	Grounds Keeper	585
AC	AC0030028	Heavy Equipment Operator	960
AC	AC0030098	Heavy Equipment Operator I	903

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<b>Cluster</b>	<b>Code</b>	<b>Career Major Name</b>	<b>Hours</b>
AC	AC0030091	Heavy Equipment Operator/Cdl	975
AC	AC0030100	Heavy Equipment Operator/Cdl li	1050
AC	AC0030070	Home Installation Technician	1050
AC	AC0030025	Home Technology Integrator (Construction Emphasis)	1140
AC	AC0030020	Industrial Electricians Assistant	870
AC	AC0040023	Industrial Maintenance Electrician	870
AC	AC0030029	Interior Surfaces Technician	540
AC	AC0030047	Introduction To Construction Management	618
AC	AC0030002	Lead Carpenter	945
AC	AC0040014	Maintenance/Repair Brick Mason	525
AC	AC0040016	Maintenance/Repair Carpenter	510
AC	AC0040015	Maintenance/Repair Concrete Mason	660
AC	AC0040018	Major Appliance Repair Technician	1230
AC	AC0030072	Painting And Finishes	652.5
AC	AC0040004	Plumber	675
AC	AC0030084	Plumber Assistant	1005
AC	AC0030005	Plumbing Installer	630
AC	AC0040022	Refrigeration Service Technician	930
AC	AC0030039	Residential Carpentry	1020
AC	AC0030034	Residential Construction Technician	1050
AC	AC0030006	Residential Electricians Assistant	780
AC	AC0030004	Residential Hvac Installer	465
AC	AC0040008	Residential Hvac Technician	1050
AC	AC0030058	Residential/Commercial Carpenter	1050
AC	AC0030037	Residential/Light Commercial Hvac Technician	1050
AC	AC0030035	Rough-In Carpenter	615
AC	AC0030018	Security And Alarm System Technician	900
AC	AC0040043	Service Career: Hotel, Food, Grounds And Maintenance	990
AC	AC0040021	Service Careers - Building Maintenance Asst.	375
AC	AC0040027	Service Careers Building & Ground Maintenance	1035
AC	AC0040031	Service Careers Building And Grounds Maintenance Technicians Assistant	1005
AC	AC0040025	Service Careers Building Maintenance Technician	1050
AC	AC0030080	Service Careers Carpentry II	405
AC	AC0030082	Service Careers Carpentry III	395.5
AC	AC0040024	Service Careers Custodial Technician	1005
AC	AC0030079	Service Careers Entry Level Carpentry	405
AC	AC0040050	Service Careers Entry Level Maintenance	405
AC	AC0040051	Service Careers Entry Level Maintenance Plus	510
AC	AC0040028	Service Careers Facilities Maintenance And Landscape Designer	1035
AC	AC0040032	Service Careers Facilities Technician	825
AC	AC0040041	Service Careers General Maintenance/Repair Assistant	525
AC	AC0040052	Service Careers Maintenance II	405
AC	AC0040053	Service Careers Maintenance III	401
AC	AC0030030	Stone Mason	645
AC	AC0030033	Structural Carpenter	585
AC	AC0030040	Unlimited Electricians Assistant	1560

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<b>Cluster</b>	<b>Code</b>	<b>Career Major Name</b>	<b>Hours</b>
AR	AR0060030	3D Gaming Designer	945
AR	AR0040011	Advanced Press Operator	390
AR	AR0060033	Advanced Visual Communication Artist	600
AR	AR0060023	Advertising Designer	1200
AR	AR0060020	Apparel Design Technician	555
AR	AR0020005	Audio & Video Production Assistant	465
AR	AR0010003	Audio & Video Technology And Film Workforce Transition	390
AR	AR0010001	Audio/Video Technician	390
AR	AR0020002	Broadcast And Sound Engineer	780
AR	AR0010004	Cinematography And Recording Arts Production Assistant	495
AR	AR0060002	Commercial Photographer	585
AR	AR0060010	Commercial Photographers Assistant	525
AR	AR0060037	Digital Graphic Designer	1050
AR	AR0060029	Digital Media Web Specialist	765
AR	AR0060032	Digital Photographer	510
AR	AR0060035	Digital Photographer Technician	360
AR	AR0040024	Digital Prepress Assistant	600
AR	AR0040023	Electronic Imaging Artist	1050
AR	AR0040003	Electronic Publishing Technician	375
AR	AR0060036	Graphic Artist And Printing Production Technician	885
AR	AR0040059	Graphic Communications	960
AR	AR0040022	Graphic Communications Press Operator	990
AR	AR0040021	Graphic Communications Technician	1170
AR	AR0040058	Graphic Design Technician	1050
AR	AR0040013	Graphic Design-Production Technician	1365
AR	AR0060003	Graphics Technician	1140
AR	AR0060024	Illustrator	1065
AR	AR0040004	Image Editor	540
AR	AR0040020	Image Print Designer	1005
AR	AR0060040	Interior Design Assistant	360
AR	AR0060018	Interior Design Technician	540
AR	AR0030012	Performance A/V Technician	450
AR	AR0030013	Performance Graphics Designer	435
AR	AR0060031	Photographic Technician	510
AR	AR0040017	Print Technician	495
AR	AR0040045	Print Technology Production Artist	1110
AR	AR0040019	Printing Design Technician	780
AR	AR0040025	Printing Production Technician	600
AR	AR0040014	Production Artist For Print Technology	1395
AR	AR0060022	Visual Arts Production Artist	600
AR	AR0060034	Visual Communication Artist	600
AR	AR0060017	Web Design Technician	570
AR	AR0060009	Web Development Specialist	1275
BA	BA0020001	Administrative Assistant	600
BA	BA0020006	Administrative Medical Assistant	1200
BA	BA0020012	Bilingual Customer Service Representative	780

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<b>Cluster</b>	<b>Code</b>	<b>Career Major Name</b>	<b>Hours</b>
BA	BA0020013	Court Reporter	1020
BA	BA0020011	Customer Service	480
BA	BA0020049	Electronic Health Record Specialist (Ehr Specialist)	1320
BA	BA0040001	Entrepreneur	840
BA	BA0020032	Executive Administrative Assistant	960
BA	BA0030001	Human Resources Assistant	960
BA	BA0020003	Legal Office Assistant	1140
BA	BA0020008	Legal Receptionist	600
BA	BA0020005	Medical Insurance Coder	1080
BA	BA0020004	Medical Office Assistant	900
BA	BA0020002	Medical Transcriptionist	1080
BA	BA0020028	Microsoft Office Specialist	960
BA	BA0020010	Office Information Specialist	960
BA	BA0040064	Project Manager	960
BA	BA0020015	Scopist	780
ED	ED0030002	Pre-Education	555
ED	ED0030043	Teacher Prep	525
ED	ED0030001	Teaching/Training	420
FN	FN0010002	Accounts Payable/Receivable Clerk	720
FN	FN0020001	Financial Assistant	960
FN	FN0010006	Financial Clerk	480
FN	FN0030001	Financial Customer Service	720
FN	FN0030003	Financial Services Officer	600
FN	FN0030002	Financial Services Representative	600
FN	FN0010005	Full Charge Bookkeeper	960
FN	FN0040001	Insurance Customer Service Representative-Life And Health	600
FN	FN0040002	Insurance Customer Service Representative-Property & Casualty	720
FN	FN0010003	Payroll Accounting Clerk	840
HL	HL0010039	Advanced Acute Care Nursing Assistant (Pre-Nursing)	696
HL	HL0010054	Advanced Pharmacy Technician	600
HL	HL0010051	Advanced Respiratory Therapist	1446
HL	HL0010014	Advanced Unlicensed Assistant	736
HL	HL0010022	Basic Medical Assistant	525
HL	HL0040001	Central Sterile Processing Technician	450
HL	HL0010062	Certified Dental Lab Technician	1500
HL	HL0010038	Certified Massage Therapist	765
HL	HL0010070	Clinical Certified Assistant	1067
HL	HL0050020	Clinical Lab Assistant	990
HL	HL0010109	Clinical Medical Assisting	585
HL	HL0010058	Cna/Aua	480
HL	HL0010012	Dental Hygienist	2641
HL	HL0010013	Dental Laboratory Technician	1050
HL	HL0010077	Diagnostic Aid & Nurse Assistant	1050
HL	HL0020009	Diagnostic Aide	840
HL	HL0020004	Diagnostic Medical Sonographer	1950
HL	HL0010083	Dietary Aide	540

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<b>Cluster</b>	<b>Code</b>	<b>Career Major Name</b>	<b>Hours</b>
HL	HL0010055	Direct Care Aide	685
HL	HL0020006	Electrocardiograph Technician	525
HL	HL0010004	Emr Emergency Medical Responder	471
HL	HL0010001	Fitness Specialist	540
HL	HL0010088	Health Care Assistant I	742
HL	HL0010098	Health Care Assistant li	716
HL	HL0010087	Health Care Technician	983
HL	HL0040004	Instrument Room Technician	570
HL	HL0010060	Ltcna Specialist	505
HL	HL0010044	Medical Assistant	1050
HL	HL0010079	Medical Assisting (Fy2011)	977
HL	HL0010057	Medical Office Specialist	635
HL	HL0010059	Multi-Skilled Assistant	1035
HL	HL0010043	Multi-Skilled Technician	1231
HL	HL0010049	Nursing Assistant	496
HL	HL0010085	Nursing Transition	525
HL	HL0010026	Occupational Therapy Assistant	1360
HL	HL0010052	Orthotics Technician	1320
HL	HL0010018	Orthotics/Prosthetics Technician	2640
HL	HL0010102	Pedorthics	692
HL	HL0010086	Pharmacy Clerk	525
HL	HL0010053	Pharmacy Technician	495
HL	HL0020002	Phlebotomist	600
HL	HL0010023	Physical Therapy Assistant	1042
HL	HL0010042	Practical Nurse	1463
HL	HL0010089	Pre-Nursing	530
HL	HL0010007	Professional Dental Assistant	975
HL	HL0010050	Prosthetic Technician	1552
HL	HL0020003	Radiologic Technologist	2535
HL	HL0010017	Surgical Technologist (Accredited Program)	1185
HM	HM0040013	Barber	1500
HM	HM0040003	Cosmetologist	1500
HM	HM0040006	Cosmetologist - Public	1000
HM	HM0010006	Early Care & Education Teacher Assistant	525
HM	HM0010111	Early Care And Education	930
HM	HM0010009	Early Care And Education Associate Teacher	1035
HM	HM0010004	Early Care And Education Director	1370
HM	HM0010007	Early Care And Education Infant And Toddler Care	1120
HM	HM0010001	Early Care And Education Master Teacher	1050
HM	HM0040002	Esthetician	600
HM	HM0040012	Facial/Esthetics Instructor	1000
HM	HM0040009	Facial/Esthetics Practicing Instructor	500
HM	HM0030001	Family Studies	360
HM	HM0040010	Manicurist/Nail Technician Instructor	1000
HM	HM0040011	Manicurist/Nail Technician Practicing Instructor	500
HM	HM0040007	Master Instructor	1000

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<b>Cluster</b>	<b>Code</b>	<b>Career Major Name</b>	<b>Hours</b>
HM	HM0040001	Nail Technician	600
HM	HM0030038	Pre-Nutrition	720
HT	HT0010099	Culinarian	1255
HT	HT0010091	Culinary Arts	940
HT	HT0010007	Culinary Arts Management Assistant	840
HT	HT0010013	Culinary Assistant Entry Level	1056
HT	HT0010014	Culinary Hospitality Assistant	1045
HT	HT0010090	Food Service Management-Assistant	831
IT	IT0030012	3D Animator	960
IT	IT0030013	3D Modeler	960
IT	IT0040057	Android Program Developer	600
IT	IT0030006	Animator	720
IT	IT0020045	Arcgis Desktop Support Associate	720
IT	IT0010119	Assistant Network Technician	510
IT	IT0030026	Audio Production Engineer	1080
IT	IT0030096	Audio Recording Technician	840
IT	IT0040049	C# Programmer	600
IT	IT0010106	Cisco Networking Professional	840
IT	IT0040001	Computer Programmer	600
IT	IT0040046	Computer Programmer (Multiple Languages)	960
IT	IT0010018	Computer Security Specialist	600
IT	IT0010015	Cyber Security Compliance Specialist	690
IT	IT0010017	Cyber Security Forensics Specialist	690
IT	IT0010006	Cyber Security Professional (Networking Emphasis)	1080
IT	IT0010103	Cyber Security Specialist (Networking Emphasis)	1350
IT	IT0020004	Database Administrator	1200
IT	IT0020006	Database Associate	600
IT	IT0020036	Database Business Analyst	1200
IT	IT0020002	Database Developer	1080
IT	IT0020052	Database Junior Developer	840
IT	IT0040003	Database Programmer	600
IT	IT0030001	Desktop Publisher/Graphic Designer	600
IT	IT0020005	Desktop Support Technician	870
IT	IT0030023	Digital Video Producer	960
IT	IT0030069	Digital Video Production Assistant	600
IT	IT0030024	Digital Video Technician	720
IT	IT0030009	E-Business Specialist	600
IT	IT0030004	E-Commerce Designer	840
IT	IT0040002	Enterprise Developer	720
IT	IT0010003	Enterprise Network Associate	780
IT	IT0010025	Enterprise Network Associate (Security Emphasis)	900
IT	IT0010004	Enterprise Network Professional	1080
IT	IT0030020	Flash Developer	960
IT	IT0040007	Game Programmer	840
IT	IT0030010	Graphic Design Specialist	840
IT	IT0010007	Home Technology Integrator	930

<b>Career Majors INCLUDED in the A-F Report</b>			
<b>Cluster</b>	<b>Code</b>	<b>Career Major Name</b>	<b>Hours</b>
IT	IT0010075	Information Storage And Management Technician	1230
IT	IT0030015	Interactive Media Specialist	600
IT	IT0040034	Java Programmer (Entry-Level)	600
IT	IT0010095	Lan/Wan Specialist	1380
IT	IT0030078	Media Producer	600
IT	IT0010123	Microsoft Windows Server Administrator	960
IT	IT0030014	Motion Graphics Artist	1080
IT	IT0030016	Multimedia Assistant	960
IT	IT0030017	Multimedia Specialist	960
IT	IT0020001	Network Pc Support Specialist	630
IT	IT0020050	Network Pc Support Technician	750
IT	IT0010076	Network Security Compliance Technician	900
IT	IT0010011	Network Security Professional (Networking Emphasis)	900
IT	IT0010010	Network Security Professional (Systems Emphasis)	1020
IT	IT0010024	Network Security Technician	900
IT	IT0010094	Network Server Administrator	1230
IT	IT0010074	Network Systems And Data Communications Analyst	1200
IT	IT0010013	Network Systems Engineer	990
IT	IT0010014	Network Systems Specialist	1020
IT	IT0010016	Network Systems Technician	750
IT	IT0010023	Network Systems Technician (Security Emphasis)	870
IT	IT0010073	Network Technician Assistant	630
IT	IT0010105	Network Technician Associate	540
IT	IT0010115	Network Technician Associate (Server Emphasis)	1020
IT	IT0020055	Oracle Database Administrator	960
IT	IT0020051	Oracle Database Developer	840
IT	IT0020030	Pc Support And Transaction Technologies	1020
IT	IT0020003	Pc Support Technician	480
IT	IT0030046	Special Effects Technician	600
IT	IT0040004	Systems Analyst	600
IT	IT0030011	Video Editor	720
IT	IT0030025	Video Game Designer	1080
IT	IT0030005	Video Producer	1080
IT	IT0030003	Video Production Assistant	600
IT	IT0030019	Web Designer	960
IT	IT0030002	Web Designer (Entry Level)	600
IT	IT0030022	Web Developer	1080
IT	IT0030097	Web Game Developer	480
IT	IT0030007	Web Producer	840
IT	IT0030018	Web Specialist	720
IT	IT0030008	Webmaster	960
LW	LW0020006	Advanced Firefighter	707
LW	LW0020004	Basic Firefighter	600
LW	LW0010002	Corrections Officer	660
LW	LW0020001	Firefighter	800
LW	LW0020035	Firefighter Specialist-Basic	607

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<b>Cluster</b>	<b>Code</b>	<b>Career Major Name</b>	<b>Hours</b>
LW	LW0020037	Firefighter Specialist-Intermediate	564
LW	LW0030001	Security Guard	690
MK	MK0020002	Assistant Sales Manager	840
MK	MK0010069	Business Management Entrepreneurship	600
MK	MK0020053	Customer Service And Sales Associate	540
MK	MK0020003	Customer Service Representative	600
MK	MK0070001	E-Marketing Specialist	780
MK	MK0030001	Fashion Buyer	780
MK	MK0010004	Franchise Owner	960
MK	MK0010003	Independent Distributor	960
MK	MK0010005	International Business Entrepreneur	1260
MK	MK0010006	Introduction To Entrepreneurship	720
MK	MK0040002	Marketing Assistant	660
MK	MK0040001	Marketing Communications Associate	960
MK	MK0030003	Merchandise Manager	780
MK	MK0070002	Mobile Marketing	840
MK	MK0020004	Professional Sales Representative	780
MK	MK0040005	Public Information Specialist	720
MK	MK0040004	Public Relations Manager	900
MK	MK0010002	Retail Management	780
MK	MK0020010	Sales Assistant	720
MK	MK0010093	Small Business Assistant	600
MK	MK0010001	Small Business Entrepreneur	1080
MK	MK0010092	Small Business Owner	960
MK	MK0020027	Sports & Entertainment Marketing Assistant	540
MK	MK0020001	Sports Marketing Assistant	900
MK	MK0030002	Visual Merchandiser	660
MN	MN0020014	Advanced Cnc Machinist	1440
MN	MN0020015	Advanced Manual Machinist	750
MN	MN0030008	Automated Manufacturing Technician	1800
MN	MN0030017	Automated Systems Technician	1545
MN	MN0030020	Automation Maintenance Technician	1020
MN	MN0030019	Automation Maintenance Technician Assistant	495
MN	MN0030021	Automation Maintenance Technician-Craftsman	1530
MN	MN0020022	Automation Technician Assistant	645
MN	MN0030068	Basic Welder	585
MN	MN0070028	Beginning Metal Fabricator	675
MN	MN0010011	Cad Design Electronics Specialist	1020
MN	MN0010008	Cad Design Mechanical Specialist	1140
MN	MN0010014	Cad Drafter	885
MN	MN0010078	Cad Drafter (Entry Level)	515
MN	MN0010015	Cad Drafter Mechanical	600
MN	MN0010101	Cad Technician (Entry Level)	600
MN	MN0010009	Cad Technician Electronics	855
MN	MN0010007	Cad Technician Mechanical	975
MN	MN0020010	Cadd/Cam Mechanical Specialist	1785

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<b>Cluster</b>	<b>Code</b>	<b>Career Major Name</b>	<b>Hours</b>
MN	MN0020006	Cnc Machinist	795
MN	MN0020005	Cnc Machinist Assistant	525
MN	MN0020007	Cnc Manufacturing Technician	960
MN	MN0020024	Cnc Precision Machining Technician	1005
MN	MN0020011	Cnc/Cam Technician	1380
MN	MN0070030	Combination Welder	1050
MN	MN0070034	Combination Welder - Nccer Aligned	1050
MN	MN0010002	Design Engineer Technician	705
MN	MN0030002	Electrical Maintenance Technician Assistant	900
MN	MN0030015	Electrical/Electronics Maintenance Technician	1590
MN	MN0030018	Electrical/Electronics Technician	1155
MN	MN0030064	Energy Technician	980
MN	MN0020016	Engine Lathe Operational Technician	555
MN	MN0070031	Entry Level Welder	525
MN	MN0070004	Fcaw Pipe Welder	375
MN	MN0030005	Fluid Power/Mechanical Power Transmission Technician	795
MN	MN0070005	Gmaw Pipe Welder	450
MN	MN0070009	Gtaw Pipe Welder	645
MN	MN0070008	Gtaw Structural Welder	390
MN	MN0030048	Industrial Maintenance And Repair Technician Assistant	495
MN	MN0030006	Industrial Maintenance Technician	915
MN	MN0030052	Instrumentation And Mechanical Maintenance Assistant	1155
MN	MN0030014	Instrumentation Technician	1155
MN	MN0030007	Instrumentation Technician Assistant	915
MN	MN0030009	Maintenance, Installation & Repair Workforce Transition	390
MN	MN0020026	Manufacturing Production Machinist	1020
MN	MN0010012	Manufacturing Production Process Development Workforce Transition	390
MN	MN0020020	Manufacturing Specialist - Cnc Machinist Assistant	1050
MN	MN0010013	Manufacturing Specialist - Design Engineer Technician	1230
MN	MN0020018	Manufacturing Specialist - Engine Lathe Operator	795
MN	MN0070023	Manufacturing Specialist - Gtaw Pipe Welder	1170
MN	MN0030016	Manufacturing Specialist - Mechanical Maintenance Technician Assistant	930
MN	MN0070022	Manufacturing Specialist - Robotic Welding Operational Technician	1065
MN	MN0020041	Manufacturing Technician	885
MN	MN0030012	Mechanical Maintenance Technician	735
MN	MN0030001	Mechanical Maintenance Technician Assistant	585
MN	MN0030063	Mechatronic Systems - Microcomputer Focus	2177
MN	MN0030062	Mechatronic Systems Specialist	1935
MN	MN0030049	Mechatronics Systems Technician	1050
MN	MN0030071	Mechatronics Technician Assistant	1005
MN	MN0070014	Metal Fabricator	1215
MN	MN0020017	Milling Machine Operational Technician	555
MN	MN0030053	Mobile Electronics Installer	615
MN	MN0030067	Multi-Skilled Maintenance Technician	2125
MN	MN0020047	Nims Certified Machine Operator (Entry Level)	600
MN	MN0020046	Nims Certified Machine Technician	1050

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<b>Cluster</b>	<b>Code</b>	<b>Career Major Name</b>	<b>Hours</b>
MN	MN0030074	Noc Industrial Technology/Mechanical Technician	435
MN	MN0030073	Noc Process Technology/Instrumentation Technician	960
MN	MN0070025	Pipe Welder	915
MN	MN0070024	Plasma/Flame Burn Table Operator	735
MN	MN0070021	Plate Roller Operator	780
MN	MN0070015	Press Brake Operator	720
MN	MN0020039	Production, Manufacturing, And Quality Control Specialist	525
MN	MN0030045	Robotic Systems Technician	1050
MN	MN0030044	Robotic Systems Technician Assistant	525
MN	MN0070007	Smaw Pipe Welder	750
MN	MN0070001	Smaw Structural Welder	555
MN	MN0070035	Smaw Structural Welder - Nccer Aligned	480
MN	MN0070026	Structural And Pipe Welder	1425
MN	MN0070011	Structural Welder	840
MN	MN0070029	Welder/Fitter	1050
SC	SC0010005	Electronics Technician	1050
TR	TR0080018	Advanced Automotive Service Technician	930
TR	TR0110007	Aerospace Technician	1900
TR	TR0110001	Airframe Mechanic	1150
TR	TR0080022	Alternative Fuels Technician	1065
TR	TR0080021	Auto Preventive Maintenance With Heating & A/C	515
TR	TR0080006	Automotive Air Conditioning Technician	420
TR	TR0080002	Automotive Chassis Technician	465
TR	TR0080026	Automotive Cng/Lpg Fuels Technician	995
TR	TR0090011	Automotive Collision Repair Technology	960
TR	TR0080007	Automotive Drivability Technician	630
TR	TR0080019	Automotive General Service Technician	915
TR	TR0080020	Automotive General Service Technician (Natef Aligned)	945
TR	TR0080003	Automotive Maintenance & Light Repair Technician	525
TR	TR0080024	Automotive Maintenance & Light Repair Technician (Natef Aligned)	630
TR	TR0080017	Automotive Service Master Technician	1380
TR	TR0080001	Automotive Service Technician	915
TR	TR0080025	Automotive Service Technician (Natef Compliant)	995
TR	TR0080005	Automotive Transmission Technician	495
TR	TR0090010	Collision Repair Technician	1050
TR	TR0090008	Combination Collision Repair Technician	975
TR	TR0100009	Diesel/Agriculture Related Technician	1005
TR	TR0110005	General Aviation	400
TR	TR0110010	General Aviation - Secondary	700
TR	TR0100012	General Diesel Service Technician	1050
TR	TR0040002	Heavy Equipment Repair Technician	1005
TR	TR0040001	Heavy Equipment Service Technician	615
TR	TR0100008	Medium/Heavy Diesel Service Technician	1050
TR	TR0100004	Medium/Heavy Diesel Truck Engine Technician	510
TR	TR0100002	Medium/Heavy Diesel Truck Heavy Line Technician	1065
TR	TR0100003	Medium/Heavy Diesel Truck Service And Light Repair Technician	780

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TR	TR0100011	Medium/Heavy Diesel Truck Technician - Natef Aligned	1020
TR	TR0100010	Medium/Heavy Diesel/Advanced Technician	1035
TR	TR0090002	Non-Structural Repair Technician	465
TR	TR0110002	Power Plant Mechanic	1150
TR	TR0090001	Refinishing Technician	510
TR	TR0090003	Structural Repair Technician	765

### Career Majors NOT Included in the A-F Report

Cluster	Code	Career Major	Hours
AC	AC0030007	Air Distribution Fabricator/Installer	300
AC	AC0020011	Animator Technician	510
AC	AC0030081	Architecture And Construction Academy	495
AC	AC0020005	Cad Design Civil Specialist	960
AC	AC0020013	Cad Design Engineering Specialist	925
AC	AC0020001	Cad Technician Civil	840
AC	AC0030001	Construction And Architectural Design Academy	495
AC	AC0030024	Construction Workforce Transition	390
AC	AC0020007	Design/Pre Construction Workforce Transition	390
AC	AC0030041	Electrical Assistant - Entry Level	330
AC	AC0030077	Entry Level Construction Assistant	87
AC	AC0040003	Forklift Operator	345
AC	AC0040061	Industrial Hvac Service Technician	1049
AC	AC0040017	Maintenance/Operations Workforce Transition	390
AC	AC0040019	Major Appliance Installer	225
AC	AC0040055	Plumber'S Apprentice	480
AC	AC0030092	Residential/Commercial Electrician'S Assistant	1050
AC	AC0040012	Service Careers Custodial Floor Care Technician	240
AC	AC0040060	Service Careers Custodial, Landscape, And Horticulture Management	1050
AC	AC0030094	Service Careers Fleet And Facilities Maintenance Technician	1017
AC	AC0040020	Service Careers Forklift Operator'S Assistant	330
AC	AC0040026	Service Careers Water Garden Construction & Maintenance Technician	135
AC	AC0070001	Techconnect Plus Carpentry I (Two Hour)	480
AC	AC0070002	Techconnect Plus Carpentry Ii (Three Hour)	720
AG	AG0020031	Advanced Floral Design & Interior Landscape Management (T&I)	1050
AG	AG0040001	Ag Power, Structures, And Technology	480
AG	AG0020005	Agri Technology	1050
AG	AG0050001	Agribusiness And Management	360
AG	AG0040002	Agricultural & Machinery Repair Technician (T&I)	1350
AG	AG0040008	Agricultural Air Conditioning Technician	270
AG	AG0060001	Agricultural Communications	480
AG	AG0040006	Agricultural Engine Technician	285
AG	AG0040004	Agricultural Fluid Power Technician	300
AG	AG0040003	Agricultural Power Train Specialist	300
AG	AG0040009	Agricultural Tires And Track Specialist	240
AG	AG0040005	Agricultural Welding Technician	270
AG	AG0020002	Agronomic Plant And Soil Science	480
AG	AG0030003	Animal Science	720
AG	AG0050002	Crop Care Professional	600
AG	AG0030004	Equine Production (T & I)	1050

<b>Career Majors NOT Included in the A-F Report</b>			
<b>Cluster</b>	<b>Code</b>	<b>Career Major</b>	<b>Hours</b>
AG	AG0020042	Floral Design Entrepreneur	995
AG	AG0020004	Floriculture Design Assistant (T&I)	1008
AG	AG0010001	Food Products And Processing	360
AG	AG0020033	Greenhouse/Landscape Assistant	720
AG	AG0040007	Harvesting Equipment Technician	330
AG	AG0040010	Hay And Forage Equipment Specialist	315
AG	AG0020001	Horticultural Plant And Soil Science	600
AG	AG0020003	Horticulture (T&I)	525
AG	AG0070002	Landscape Designer (T&I)	690
AG	AG0070003	Landscape Maintenance Assistant (T&I)	390
AG	AG0010002	Meat Processor (T&I)	1050
AG	AG0070001	Natural Resources And Environmental Science	600
AG	AG0020007	Plant And Soil Services Workforce Transition	390
AG	AG0020006	Service Careers Horticulture Assistant (T&I)	390
AG	AG0020009	Service Careers Horticulture Technician	1005
AG	AG0020008	Service Careers Landscaper'S Assistant (T&I)	300
AR	AR0060011	Boot Maker	1260
AR	AR0060027	Copy Center Assistant	270
AR	AR0060001	Copy Center Technician	570
AR	AR0060039	Fashion Assistant	300
AR	AR0040005	Finishing Operator	195
AR	AR0030095	Graphic Designer	435
AR	AR0040062	Graphic Designer II	1005
AR	AR0040006	Graphic Illustrator	285
AR	AR0060014	Jewelry Maker Level I	525
AR	AR0060015	Jewelry Maker Level II	465
AR	AR0060016	Jewelry Maker Level III	525
AR	AR0020004	Journalism And Broadcasting Workforce Transition	390
AR	AR0030014	Performing Arts Workforce Transition	390
AR	AR0060028	Photography Assistant	120
AR	AR0040009	Press Operator	270
AR	AR0040016	Printing Technology Workforce Transition	390
AR	AR0060013	Saddle Maker	1260
AR	AR0050004	Telecommunication Technician	165
AR	AR0050003	Telecommunications Workforce Transitions	390
AR	AR0060021	Upholstery Technician	480
AR	AR0040063	Vinyl And Graphics Installation Specialist	600
AR	AR0060019	Visual Arts Workforce Transition	390
HL	HL0010003	Advanced Emergency Medical Technician	358
HL	HL0050019	Assistant Laboratory Animal Science Technician	885
HL	HL0050017	Biological Laboratory Assistant	765
HL	HL0050015	Biological Laboratory Technician	420
HL	HL0050016	Biological Laboratory Technologist I	885
HL	HL0050021	Biological Laboratory Technologist II	1155
HL	HL0050023	Biological Research Technician	930
HL	HL0010063	Certified Crown And Bridge Technician	1050

<b>Career Majors NOT Included in the A-F Report</b>			
<b>Cluster</b>	<b>Code</b>	<b>Career Major</b>	<b>Hours</b>
HL	HL0010006	Certified Medication Aide	61
HL	HL0010068	Certified Medication Aide - Advanced	77
HL	HL0010084	Certified Nurse Aide li	75
HL	HL0010030	Chiropractic Assistant	555
HL	HL0010040	Dental Assistant	585
HL	HL0010011	Emergency Medical Technician	256
HL	HL0010041	Emergency Medical Technician (Advanced & Paramedic)	1422
HL	HL0010066	Emt Intermediate	193
HL	HL0010047	Feeding Assistant	285
HL	HL0040042	Health Unit Clerk	525
HL	HL0010024	Home Health Care Nursing Aide	16
HL	HL0050022	Laboratory Animal Science Technician	1005
HL	HL0050018	Laboratory Animal Science Technologist	1245
HL	HL0010027	Long Term Care Aide	91
HL	HL0010037	Long Term Care/Home Health Care Aide	107
HL	HL0020001	Magnetic Resonance Imaging Technologist	847
HL	HL0010028	Medication Administration Technician	16
HL	HL0010048	Mental Health Aide	525
HL	HL0010025	Occupational Therapy Aide	555
HL	HL0010010	Paramedic	1064
HL	HL0010117	Pedorthic Practice Management	350
HL	HL0010056	Pharmacy Aide	335
HL	HL0010016	Physical Therapy Aide	600
HL	HL0050024	Pre-Medical / Medical Research Analyst	975
HL	HL0050025	Pre-Veterinary/Veterinary Research Analyst	975
HL	HL0010118	Professional Medical Coder	449
HL	HL0040035	Project Search	1002
HL	HL0010097	Ptc Certified Industry Professional	550
HL	HL0020008	Radiology Aide	705
HL	HL0010045	Restorative Aide	556
HL	HL0010021	Student Athletic Training Aide	615
HL	HL0010015	Surgical First Assistant	662
HL	HL0040003	Surgical Nurse Assistant	375
HL	HL0010046	Therapy Technician	930
HL	HL0010019	Veterinary Assistant	600
HL	HL0050026	Veterinary Research Technician	990
HL	HL0010071	Vision Care Assistant	555
HL	HL0010072	Vision Care Technician	1010
HM	HM0050027	Co-Op Work Experience	330
HM	HM0050029	Co-Op Work Experience	330
HM	HM0010010	Early Care Assistant	300
HM	HM0010002	Early Education: Pathway To Cda	200
HM	HM0010003	Entry Level Teacher	110
HM	HM0050028	Facs Community Partnership	600
HM	HM0010011	Introduction To Parenting And Early Care	180
HM	HM0010008	Paraprofessional-Child Development	525

<b>Career Majors NOT Included in the A-F Report</b>			
<b>Cluster</b>	<b>Code</b>	<b>Career Major</b>	<b>Hours</b>
HM	HM0040008	Practicing Master Instructor	500
HM	HM0060001	Tcp-Cosmetology	720
HT	HT0010082	Baker	515
HT	HT0010009	Baker Assistant	500
HT	HT0010008	Banquet Caterer	600
HT	HT0010113	Culinary Arts Apprenticeship Program	1130
HT	HT0010001	Culinary Arts Assistant	480
HT	HT0010010	Culinary Coordinator	600
HT	HT0050001	Destination Meetings And Event Management Assistant	600
HT	HT0010112	Food Service Assistant	360
HT	HT0010006	Food Service Attendant	360
HT	HT0010012	Food Service Workforce Transition (T&I)	390
HT	HT0010110	Food Services	960
HT	HT0020002	Front Desk Worker (Formerly Front Desk)	180
HT	HT0020011	Front Office Assistant (Formerly Front Desk Asst.)	270
HT	HT0010005	Garde Manger	280
HT	HT0020012	Hospitality And Tourism Manager	900
HT	HT0020010	Hospitality Service Assistant	1050
HT	HT0020003	Hospitality Steward	210
HT	HT0020004	Housekeeper	180
HT	HT0020008	Housekeeping Workforce Transition (T&I)	390
HT	HT0010080	Line Cook	555
HT	HT0020001	Lodging Management Assistant	540
HT	HT0020006	Lodging Manager	780
HT	HT0010004	Prep Cook	240
HT	HT0020005	Restaurant & Lodging Assistant	720
HT	HT0010114	Restaurant Cook	466
HT	HT0010003	Restaurant Food & Beverage Services Management Assistant	420
HT	HT0010011	Service Careers Food Services Assistant (T&I)	180
HT	HT0020034	Service Careers Hospitality & Restaurant Assistant	1050
HT	HT0020007	Service Careers Housekeeping Assistant (T&I)	180
HT	HT0010015	Sous Chef	1046
HT	HT0050002	Tourism Assistant	360
LW	LW0020007	Advanced Emt Firefighter	736
LW	LW0020005	Basic Emt Firefighter	450
LW	LW0050001	Court-Related Investigation	570
LW	LW0040003	Criminal Forensics	645
LW	LW0040033	Criminal Justice	967
LW	LW0040048	Criminal Justice Forensics & Security	532
LW	LW0040001	Criminal Justice Officer	1035
LW	LW0040047	Criminal Justice Practical Law Enforcement	525
LW	LW0010067	Detention Officer	720
LW	LW0020044	Fire Academy Core-Fire Portion	352
LW	LW0040029	Law Enforcement Officer Prep	738
LW	LW0010001	Probation/Parole	720
LW	LW0030004	Security & Protective Services Workforce Transition	390

<b>Career Majors NOT Included in the A-F Report</b>			
<b>Cluster</b>	<b>Code</b>	<b>Career Major</b>	<b>Hours</b>
LW	LW0030003	Service Careers - Unarmed Security Guard	240
LW	LW0080001	Techconnect Plus Law Enforcement I (Two Hour)	480
LW	LW0080002	Techconnect Plus Law Enforcement Ii (Three Hour)	720
MN	MN0110001	Academy Of Manufacturing Science	450
MN	MN0010120	Advanced Cad Drafter - Architectural Emphasis	1065
MN	MN0010121	Advanced Cad Drafter - Civil/Structural Emphasis	1065
MN	MN0010122	Advanced Cad Drafter -Piping Emphasis	1065
MN	MN0020056	Advanced Cnc Technician	525
MN	MN0030093	Advanced Wind Energy Technician	755
MN	MN0020038	Assembler Technician	330
MN	MN0070010	Cutting Processes Technician	180
MN	MN0020023	Drill Press Operator	270
MN	MN0020012	Electronics Assembler	150
MN	MN0020003	Engine Lathe Operator	270
MN	MN0030075	Engineering/Process Technology	975
MN	MN0070003	Fcaw Structural Welder	330
MN	MN0030013	Flight Simulator Operations Assistant	300
MN	MN0030011	Flight Simulator Technician	1050
MN	MN0070006	Gmaw Structural Welder	330
MN	MN0020021	Grinder Operational Technician	525
MN	MN0020001	Grinder Operator	225
MN	MN0070033	Industrial Fabrication Technology	1260
MN	MN0030003	Industrial Facilities Manager	1665
MN	MN0040003	Lab Technician	300
MN	MN0020004	Manual Machinist	345
MN	MN0070036	Metal Fabrication Technology	1050
MN	MN0020002	Milling Machine Operator	270
MN	MN0020054	Nims Certified Cnc Machine Operator (Entry Level)	510
MN	MN0040001	Product Inspector	405
MN	MN0020013	Production Workforce Transition	390
MN	MN0010096	Project Search Workforce Transition	1008
MN	MN0040004	Quality Assurance Workforce Transition	390
MN	MN0070018	Robotic Welding Operational Technician	600
MN	MN0070019	Robotic Welding Operator	540
MN	MN0030054	Scada -Manufacturing And Energy Systems Emphasis	1440
MN	MN0070027	Service Careers - Metal Fabricator Assistant	285
MN	MN0070037	Smaw Structural Welder/Cutting Technician	600
MN	MN0030010	Supervisory Control And Data Acquisition Technician (Scada)	1695
MN	MN0100003	Techconnect Plus Welding I	480
MN	MN0100002	Techconnect Plus Welding Ii	720
MN	MN0070016	Welding And Metal Fabrication Workforce Transition	390
MN	MN0030022	Wind Energy Technician	615
MN	MN0030042	Wind Technician	795
SC	SC0020025	Advanced Pltw Biomedical Science And Medicine	1440
SC	SC0010009	Advanced Pltw Pre-Engineering	1440
SC	SC0020013	Biotechnology	960

<b>Career Majors NOT Included in the A-F Report</b>			
<b>Cluster</b>	<b>Code</b>	<b>Career Major</b>	<b>Hours</b>
SC	SC0020008	Laboratory Science Assistant	465
SC	SC0020007	Laboratory Science Technician	945
SC	SC0020005	Pltw Biomedical Science And Medicine	960
SC	SC0010008	Pltw Pre-Engineering	960
SC	SC0020015	Specialized Laboratory Science Technician	990
TR	TR0110012	Aerospace Maintenance Foundations (Secondary)	835
TR	TR0110006	Aircraft Electronics Technician	525
TR	TR0080016	Automotive Alignment Technician	345
TR	TR0090009	Automotive Collision Workforce Transition	390
TR	TR0080009	Automotive Preventive Maintenance Technician	420
TR	TR0080028	Automotive Service Technology	1195
TR	TR0080011	Automotive Service Workforce Transition	390
TR	TR0110009	Aviation Composites Technician	255
TR	TR0110015	Aviation Maintenance Technician - Fast Track	660
TR	TR0110008	Aviation Sheet Metal Technician	255
TR	TR0110013	Aviation Technology	604
TR	TR0110011	Avionics Technician	1390
TR	TR0090004	Body Mechanical/Electrical Technician	330
TR	TR0090012	Combination Collision Repair Technician Assistant	600
TR	TR0090006	Detailing Specialist	135
TR	TR0030056	Distribution/Logistics Inventory Specialist	675
TR	TR0080023	Entry Level Automotive Assistant	90
TR	TR0110014	General Aviation - Adult	700
TR	TR0040008	Heavy Equipment Technician Workforce Transition	390
TR	TR0040003	Marine Repair Technician	960
TR	TR0040007	Marine Technician Workforce Transition	390
TR	TR0100005	Medium/Heavy Diesel Parts Specialist	210
TR	TR0100001	Medium/Heavy Diesel Preventative Maintenance Technician	300
TR	TR0100006	Medium/Heavy Diesel Service Consultant	330
TR	TR0100007	Medium/Heavy Diesel Technician Workforce Transition	390
TR	TR0040004	Motorcycle Technician	750
TR	TR0040006	Motorcycle Technician Workforce Transition	390
TR	TR0040030	Motorcycle Tire And Lube Technician	255
TR	TR0040044	Power Products Specialist	1170
TR	TR0040009	Power Products Technician	450
TR	TR0010002	Private Pilot (Ground School)	262
TR	TR0010003	Professional Truck Driver (Adult)	209
TR	TR0080013	Service Careers Auto Care Assistant	165
TR	TR0080015	Service Careers Auto Detailing Assistant	90
TR	TR0040014	Service Careers Small Engines Assistant	150
TR	TR0140002	Techconnect Automotive II (Three Hours)	720
TR	TR0140001	Techconnect Plus Automotive I (Two Hour)	480
TR	TR0010001	Truck Driver Training (Adult Only)	253
TR	TR0030060	Warehouse Distribution Material Handler	480
TR	TR0030055	Warehouse Distribution/Logistics Technology Specialist	980
TR	TR0040015	Watercraft Technician	735