

Hibbing Community College

MnSCU Program Inventory by Institution

CIP & Description	Perk	Gen
Program Code/ID Approved Name	EACE Award Credits Delivery Mode Elig	Eq.
Emphasis ID CIP Name	Location Name	

09.0702: Digital Communication and Media/Multimedia. A program that focuses on the development, use, critical evaluation, and regulation of new electronic communication technologies using computer applications; and that prepares individuals to function as developers and managers of digital communications media. Includes instruction in computer and telecommunications technologies and processes; design and development of digital communications; marketing and distribution; digital communications regulation, law, and policy; the study of human interaction with, and use of, digital media; and emerging trends and issues. Examples: [Digital Media]

4672 Multimedia Specialist	N	AAS	60	Land	Yes	B
Hibbing Community College						

11.0202: Computer Programming, Specific Applications. A program that prepares individuals to apply the knowledge and skills of general computer programming to the solution of specific operational problems and customization requirements presented by individual software users and organizational users. Includes training in specific types of software and its installation and maintenance.

10-789-4321 Mobile Applications Developer	N	AAS	60	Land	Yes	B
Hibbing Community College						

11.0901: Computer Systems Networking and Telecommunications. A program that focuses on the design, implementation, and management of linked systems of computers, peripherals, and associated software to maximize efficiency and productivity, and that prepares individuals to function as network specialists and managers at various levels. Includes instruction in operating systems and applications; systems design and analysis; networking theory and solutions; types of networks; network management and control; network and flow optimization; security; configuring; and troubleshooting. Examples: [Computer Systems Telecommunications], [Computer Systems Networking]

2088 Cisco Network Technician	N	CERT	17	Land	Yes	F
Hibbing Community College						

11.1003: Computer and Information Systems Security/Information Assurance. A program that prepares individuals to assess the security needs of computer and network systems, recommend safeguard solutions, and manage the implementation and maintenance of security devices, systems, and procedures. Includes instruction in computer architecture, programming, and systems analysis; networking; telecommunications; cryptography; security system design; applicable law and regulations; risk assessment and policy analysis; contingency planning; user access issues; investigation techniques; and troubleshooting. Examples: [Information Assurance], [IT Security], [Internet Security], [Network Security], [Information Systems Security]

7226 Network Security and Forensics	N	CERT	24	Land	Yes	F
Hibbing Community College						

12.0503: Culinary Arts/Chef Training. A program that prepares individuals to provide professional chef and related cooking services in restaurants and other commercial food establishments. Includes instruction in recipe and menu planning, preparing and cooking of foods, supervising and training kitchen assistants, the management of food supplies and kitchen resources, aesthetics of food presentation, and familiarity or mastery of a wide variety of cuisines and culinary techniques.

4671 Culinary Arts	N	DIP	33	Land	Yes	F
Hibbing Community College						

12.0504: Restaurant, Culinary, and Catering Management/Manager. A program that prepares individuals to plan, supervise, and manage food and beverage preparation and service operations, restaurant facilities, and catering services. Includes instruction in food/beverage industry operations, cost control, purchasing and storage, business administration, logistics, personnel management, culinary arts, restaurant and menu planning, executive chef functions, event planning and management, health and safety, insurance, and applicable law and regulations.

1249 Culinary Arts/Food Service Management	N	AAS	72	Land	Yes	B
Hibbing Community College						

2823 Culinary Arts/Food Service Management	N	DIP	68	Land	Yes	B
Hibbing Community College						

12.0505: Food Preparation/Professional Cooking/Kitchen Assistant. A program that prepares individuals to serve under the supervision of chefs and other food service professionals as kitchen support staff and commercial food preparation workers. Includes instruction in kitchen organization and operations, sanitation and quality control, basic food preparation and cooking skills, kitchen and kitchen equipment maintenance, and quantity food measurement and monitoring.

5625 Culinary Assistant	N	CERT	16	Land	Yes	F
Hibbing Community College						

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14.0102: Pre-Engineering. A program that prepares individuals for admission or transfer to a baccalaureate-level program in any of the fields of engineering. Examples: [Pre-Engineering Transfer Program]

2657 Engineering	N	AS	60	Land	Yes	B
Hibbing Community College						

15.0505: Solar Energy Technology/Technician. A program that prepares individuals to apply basic engineering principles and technical skills in support of engineers and other professionals engaged in developing solar-powered energy systems. Includes instruction in solar energy principles, energy storage and transfer technologies, testing and inspection procedures, system maintenance procedures, and report preparation.

7764 Solar Photovoltaic Technician	N	CERT	25	Land	Yes	F
Hibbing Community College						

19.0702: Adult Development and Aging. A program that focuses on the characteristics of aging populations and the needs of older individuals in family and institutional settings. Includes instruction in the biological and psychological stages of aging; the provision of dependent care; serving the social, economic, and psychological needs of aging adults; related public policy issues; and adult community resources.

7985 Elder Care/Gerontology	N	CERT	18	Online Plus	Yes	B
Hibbing Community College						

22.0301: Legal Administrative Assistant/Secretary. A program that prepares individuals to serve as legal office managers, special assistants, and legal secretaries. Includes instruction in office management, secretarial science, principles of U.S. or Canadian law, legal terminology and documentation, legal research, legal software applications, law office procedures, record-keeping, billing, applicable policies and regulations, and professional standards and ethics.

1256 Legal Administrative Assistant	N	AAS	60	Land	Yes	M
Hibbing Community College						

24.0101: Liberal Arts and Sciences/Liberal Studies. A program that is a structured combination of the arts, biological and physical sciences, social sciences, and humanities, emphasizing breadth of study. Includes instruction in independently designed, individualized, or regular programs.

6046 Liberal Arts and Sciences	N	AA	60	Online Plus	No	B
Hibbing Community College						

43.0107: Criminal Justice/Police Science. A program that prepares individuals to perform the duties of police and public security officers, including patrol and investigative activities, traffic control, crowd control and public relations, witness interviewing, evidence collection and management, basic crime prevention methods, weapon and equipment operation and maintenance, report preparation and other routine law enforcement responsibilities.

2068 Law Enforcement	N	AAS	72	Land	Yes	F
Hibbing Community College						
Rainy River Community College						

6627 Law Enforcement	N	DIP	41	Land	Yes	F
Hibbing Community College						

3312 Law Enforcement Skills - Clinical Component	N	CERT	12	Land	Yes	F
Hibbing Community College						
Fond du Lac Tribal and Community College						
South Central College, Mankato						

46.0302: Electrician. A program that prepares individuals to apply technical knowledge and skills to install, operate, maintain, and repair electric apparatus and systems such as residential, commercial, and industrial electric-power wiring; and DC and AC motors, controls, and electrical distribution panels. Includes instruction in the principles of electronics and electrical systems, wiring, power transmission, safety, industrial and household appliances, job estimation, electrical testing and inspection, and applicable codes and standards. Examples: [Construction Electrician], [Industrial Electrician]

3666 Electrical Maintenance and Construction	N	DIP	74	Land	Yes	F
Hibbing Community College						

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Emphasis ID CIP Name	Elig Eq.	Location Name

47.0104: Computer Installation and Repair Technology/Technician. A program that prepares individuals to apply technical knowledge and skills to assemble, install, operate, maintain, and repair computers and related instruments. Includes instruction in power supplies, number systems, memory structure, buffers and registers, microprocessor design, peripheral equipment, programming, and networking.

4677 Microcomputer Technology		N		DIP		64		Land		Yes		F
Hibbing Community College												

47.0106: Appliance Installation and Repair Technology/Technician. A program that prepares individuals to apply technical knowledge and skills to repair, install, and service major gas, electric, and microwave consumer appliances such as stoves, refrigerators, dryers, water heaters, washers, dishwashers, and commercial units such as ice makers and coffee makers. Examples: [Appliance Service Technician]

6863 Residential Major Appliance Technician		N		DIP		32		Land		Yes		F
Hibbing Community College												

47.0201: Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician. A program that prepares individuals to apply technical knowledge and skills to repair, install, service and maintain the operating condition of heating, air conditioning, and refrigeration systems. Includes instruction in diagnostic techniques, the use of testing equipment and the principles of mechanics, electricity, and electronics as they relate to the repair of heating, air conditioning and refrigeration systems. Examples: [Heating and Air Conditioning Maintenance Technology/Technician (HAC)], [Heating, Air Conditioning, and Refrigeration Maintenance Technology/Technician (HACR)], [Heating, Ventilation, and Air Conditioning Maintenance Technology/Technician (HVAC)], [Heating, Air Conditioning, Ventilation, and Refrigeration Maintenance Technology/Technician (HVACR)], [Oil Burner Mechanic], [Refrigeration Mechanic], [Refrigeration and Air Conditioning Mechanic], [Refrigeration and Air Conditioning Systems Mechanic]

10-123-4567 Heating and Cooling Technician		N		DIP		32		Land		Yes		F
Hibbing Community College												

1511 Refrigeration, Heating, Air-Cond, Appliance Repair		N		DIP		64		Land		Yes		F
Hibbing Community College												

47.0302: Heavy Equipment Maintenance Technology/Technician. A program that prepares individuals to apply technical knowledge and skills in the field maintenance and repair of heavy equipment, and in the general maintenance and overhaul of such equipment. Includes instruction in inspection, maintenance, and repair of tracks, wheels, brakes, operating controls, pneumatic and hydraulic systems, electrical circuitry, engines and in techniques of welding and brazing. Examples: [Heavy Duty Equipment Mechanic], [Heavy Duty Equipment Technician], [Heavy Duty Equipment Technician (Off Road)], [Heavy Equipment Service Technician]

6636 Diesel Mechanics and Heavy Equipment Maintenance		N		DIP		65		Land		Yes		F
Hibbing Community College												

47.0303: Industrial Mechanics and Maintenance Technology. A program that prepares individuals to apply technical knowledge and skills to repair and maintain industrial machinery and equipment such as cranes, pumps, engines and motors, pneumatic tools, conveyor systems, production machinery, marine deck machinery, and steam propulsion, refinery, and pipeline-distribution systems. Examples: [Industrial Plant Technician], [Industrial Equipment Technology], [Industrial Mechanic], [Millwright]

8217 Industrial Systems Technology		N		AAS		60		Land		Yes		F
Hibbing Community College												

7559 Industrial Technology		N		AAS		64		Land		Yes		F
Hibbing Community College												

47.0604: Automobile/Automotive Mechanics Technology/Technician. A program that prepares individuals to apply technical knowledge and skills to repair, service, and maintain all types of automobiles. Includes instruction in brake systems, electrical systems, engine performance, engine repair, suspension and steering, automatic and manual transmissions and drive trains, and heating and air condition systems. Examples: [Automotive Service Technician], [Motor Vehicle Mechanic]

1250 Automotive Technician		N		DIP		64		Land		Yes		F
Hibbing Community College												

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Program Code/ID Approved Name Emphasis ID CIP Name					Location Name	

49.0205: Truck and Bus Driver/Commercial Vehicle Operator and Instructor. A program that prepares individuals to apply technical knowledge and skills to drive trucks and buses, delivery vehicles, for-hire vehicles and other commercial vehicles, or to instruct commercial vehicle operators. Includes instruction in operating gas, diesel, or electrically-powered vehicles; loading and unloading cargo or passengers; reporting delays or accidents on the road; verifying load against shipping papers; arranging transportation for personnel; and keeping records of receipts and fares.

8197 Professional Truck Driver	N	CERT	16	Land	Yes	F
Hibbing Community College						

50.0702: Fine/Studio Arts, General. A program that prepares individuals to generally function as creative artists in the visual and plastic media. Includes instruction in the traditional fine arts media (drawing, painting, sculpture, printmaking, CAD/CAM) and/or modern media (ceramics, textiles, intermedia, photography, digital images), theory of art, color theory, composition and perspective, anatomy, the techniques and procedures for maintaining equipment and managing a studio, and art portfolio marketing.

7836 Art	N	AFA	60	Land	No	B
Hibbing Community College						

51.0601: Dental Assisting/Assistant. A program that prepares individuals to provide patient care, take dental radiographs (x-ray photographs), prepare patients and equipment for dental procedures, and discharge office administrative functions under the supervision of dentists and dental hygienists. Includes instruction in medical record-keeping, general office duties, reception and patient intake, scheduling, equipment maintenance and sterilization, basic radiography, pre- and post-operative patient care and instruction, chairside assisting, taking tooth and mouth impressions, and supervised practice.

1251 Dental Assistant	N	AAS	60	Land	Yes	M
Hibbing Community College						

6637 Dental Assistant	N	DIP	40	Land	Yes	M
Hibbing Community College						

51.0713: Medical Insurance Coding Specialist/Coder. A program that prepares individuals to perform specialized data entry, classification, and record-keeping procedures related to medical diagnostic, treatment, billing, and insurance documentation. Includes instruction in medical records and insurance software applications, basic anatomy and physiology, medical terminology, fundamentals of medical science and treatment procedures, data classification and coding, data entry skills, and regulations relating to Medicare and insurance documentation.

6567 Medical Coding	N	DIP	42	Land	Yes	M
Hibbing Community College						

51.0716: Medical Administrative/Executive Assistant and Medical Secretary. A program that prepares individuals to perform the duties of special assistants and personal secretaries for practicing physicians and nurses, health care facilities and services administrators, and other health care professionals. Includes instruction in business and medical communications, medical terminology, principles of health care operations, public relations and interpersonal communications, software applications, record-keeping and filing systems, scheduling and meeting planning, applicable policy and regulations, and professional standards and ethics. Examples: [Dental Secretary], [Veterinary Secretary], [Veterinary Office Administration]

1257 Medical Administrative Assistant	N	AAS	60	Land	Yes	M
Hibbing Community College						

51.0805: Pharmacy Technician/Assistant. A program that prepares individuals, under the supervision of pharmacists, to prepare medications, provide medications and related assistance to patients, and manage pharmacy clinical and business operations. Includes instruction in medical and pharmaceutical terminology, principles of pharmacology and pharmaceuticals, drug identification, pharmacy laboratory procedures, prescription interpretation, patient communication and education, safety procedures, record-keeping, measurement and testing techniques, pharmacy business operations, prescription preparation, logistics and dispensing operations, and applicable standards and regulations.

7475 Pharmacy Technician	N	AAS	60	Land	Yes	M
Hibbing Community College						

7488 Pharmacy Technician	N	DIP	34	Land	Yes	M
Hibbing Community College						

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Emphasis ID CIP Name		

51.1004: Clinical/Medical Laboratory Technician. A program that prepares individuals, under the supervision of clinical laboratory scientists/medical technologists, to perform routine medical laboratory procedures and tests and to apply preset strategies to record and analyze data. Includes instruction in general laboratory procedures and skills; laboratory mathematics; medical computer applications; interpersonal and communications skills; and the basic principles of hematology, medical microbiology, immunohematology, immunology, clinical chemistry, and urinalysis.

5704 Medical Laboratory Technician	N	AAS	68	Online Plus	Yes	M
Hibbing Community College						

51.3801: Registered Nursing/Registered Nurse. A program that generally prepares individuals in the knowledge, techniques and procedures for promoting health, providing care for sick, disabled, infirmed, or other individuals or groups. Includes instruction in the administration of medication and treatments, assisting a physician during treatments and examinations, Referring patients to physicians and other health care specialists, and planning education for health maintenance. Examples: [Nursing (ASN)], [Nursing (BSN, BScN)], [Nursing (MSN, MScN, MN)], [Registered Nurse (RN)]

286 Nursing	N	AS	64	Land	Yes	M
Hibbing Community College Vermilion Community College						

51.3902: Nursing Assistant/Aide and Patient Care Assistant/Aide. A program that prepares individuals to perform routine nursing-related services to patients in hospitals or long-term care facilities, under the training and supervision of a registered nurse or licensed practical nurse.

4308 Nursing Assistant	N	CERT	4	Land	Yes	M
Hibbing Community College						

52.0201: Business Administration and Management, General. A program that generally prepares individuals to plan, organize, direct, and control the functions and processes of a firm or organization. Includes instruction in management theory, human resources management and behavior, accounting and other quantitative methods, purchasing and logistics, organization and production, marketing, and business decision-making. Examples: [General Management], [Business Administration]

6063 Business Administration	N	AS	60	Online Plus	Yes	F
Hibbing Community College						

52.0401: Administrative Assistant and Secretarial Science, General. A program that generally prepares individuals to perform the duties of administrative assistants and/or secretaries and stenographers. Includes instruction in business communications, principles of business law, word processing and data entry, office machines operation and maintenance, office procedures, public relations, secretarial accounting, filing systems and records management, and report preparation.

1260 Administrative Assistant	N	AAS	60	Land	Yes	M
Hibbing Community College						

52.0406: Receptionist. A program that prepares individuals to perform frontline public relations duties for a business, organization, or answering service. Includes instruction in telephone answering techniques, responding to information requests, keeping caller and/or visitor records, placing business calls, operating telephone switchboards and/or other communications equipment, relaying incoming and interoffice calls, schedule maintenance, and public relations skills.

1261 Secretary/Receptionist	N	DIP	30	Land	Yes	M
Hibbing Community College						

Rainy River Community College

MnSCU Program Inventory by Institution

CIP & Description	EACE	Award	Credits	Delivery Mode	Perk Elig	Gen Eq.
Program Code/ID Approved Name Emphasis ID CIP Name						Location Name

24.0101: Liberal Arts and Sciences/Liberal Studies. A program that is a structured combination of the arts, biological and physical sciences, social sciences, and humanities, emphasizing breadth of study. Includes instruction in independently designed, individualized, or regular programs.

1912 Liberal Arts and Sciences		N		AA		60		Land		No		B
Rainy River Community College												

47.0303: Industrial Mechanics and Maintenance Technology. A program that prepares individuals to apply technical knowledge and skills to repair and maintain industrial machinery and equipment such as cranes, pumps, engines and motors, pneumatic tools, conveyor systems, production machinery, marine deck machinery, and steam propulsion, refinery, and pipeline-distribution systems. Examples: [Industrial Plant Technician], [Industrial Equipment Technology], [Industrial Mechanic], [Millwright]

7566 Industrial Maintenance		N		AAS		60		Land		Yes		F
Rainy River Community College												

7662 Industrial Maintenance		N		CERT		24		Land		Yes		F
Rainy River Community College												

7576 Industrial Maintenance		N		DIP		60		Land		Yes		F
Rainy River Community College												

51.3902: Nursing Assistant/Aide and Patient Care Assistant/Aide. A program that prepares individuals to perform routine nursing-related services to patients in hospitals or long-term care facilities, under the training and supervision of a registered nurse or licensed practical nurse.

4307 Nursing Assistant		N		CERT		4		Land		Yes		M
Rainy River Community College												

05.0202: American Indian/Native American Studies. A program that focuses on the history, sociology, politics, culture, and economics of one or more of the American Indian, Aleut, Inuit, Hawaiian and other native peoples of the Americas from earliest times until the present, with particular emphasis on U.S. and Canadian populations and their problems but including reference to Caribbean and Latin American native peoples.

3463 Indigenous Studies		N		CERT		23		Land		No		N
Rainy River Community College												

51.0000: Health Services/Allied Health/Health Sciences, General. A general, introductory, undifferentiated, or joint program in health services occupations that prepares individuals for either entry into specialized training programs or for a variety of concentrations in the allied health area. Includes instruction in the basic sciences, research and clinical procedures, and aspects of the subject matter related to various health occupations.

27-003-2013 Health Sciences Broad Field		N		AS		60		Land		Yes		B
Rainy River Community College												

13.1311: Mathematics Teacher Education. A program that prepares individuals to teach mathematics programs at various educational levels. Examples: [Elementary Mathematics Teacher Education], [Middle School Mathematics Teacher Education], [Secondary Mathematics Teacher Education]

8146 Mathematics		N		AS		60		Land		Yes		B
Rainy River Community College												

Rainy River Community College

MnSCU Program Inventory by Institution

CIP & Description

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Emphasis ID CIP Name

| EACE | Award | Credits |

Delivery Mode |

Perk Gen
Elig | Eq.
Location Name

13.1316: Science Teacher Education/General Science Teacher Education. A program that prepares individuals to teach general science programs, or a combination of the biological and physical science subject matter areas, at various educational levels.

4441 Science

| N | AS | 60 | Land | Yes | B

Rainy River Community College

31.0507: Physical Fitness Technician. A program that prepares individuals for employment in health and fitness clubs, wellness centers, public and private recreation facilities, hospitals and corporate fitness programs where they will perform a variety of instructional and administrative duties. Includes instruction in human anatomy and physiology, fitness techniques, exercise science, personal training, nutrition, and customer service. Examples: [Fitness Technician], [Fitness Trainer], [Personal Trainer]

6354 Fitness Specialist

| N | CERT | 10 | Land | Yes | B

Rainy River Community College

Vermilion Community College MnSCU Program Inventory by Institution

CIP & Description	EACE	Award	Credits	Delivery Mode	Perk Elig	Gen Eq.
Program Code/ID Approved Name Emphasis ID CIP Name						Location Name

24.0101: Liberal Arts and Sciences/Liberal Studies. A program that is a structured combination of the arts, biological and physical sciences, social sciences, and humanities, emphasizing breadth of study. Includes instruction in independently designed, individualized, or regular programs.

1235 Liberal Arts and Sciences	N	AA	60	Land	No	B
Vermilion Community College						

43.0107: Criminal Justice/Police Science. A program that prepares individuals to perform the duties of police and public security officers, including patrol and investigative activities, traffic control, crowd control and public relations, witness interviewing, evidence collection and management, basic crime prevention methods, weapon and equipment operation and maintenance, report preparation and other routine law enforcement responsibilities.

120 Criminal Justice - Police Science	N	AS	60	Land	Yes	F
Vermilion Community College						

51.0810: Emergency Care Attendant (EMT Ambulance). A program that prepares individuals to assist licensed EMTs, under the supervision of a physician, to prepare and transport ill or injured patients, and to operate emergency vehicles and equipment such as life support units. Includes instruction in first aid and emergency medicine field techniques, patient stabilization and care, medical field communications, equipment operation and maintenance, emergency vehicle operation, and applicable standards and regulations.

4633 Emergency Medical Services	N	CERT	11	Land	Yes	B
Vermilion Community College						

7540 Wilderness Emergency Medical Services	N	CERT	16	Land	Yes	B
Vermilion Community College						

52.0101: Business/Commerce, General. A program that focuses on the general study of business, including the processes of interchanging goods and services (buying, selling and producing), business organization, and accounting as used in profit-making and nonprofit public and private institutions and agencies. The programs may prepare individuals to apply business principles and techniques in various occupational settings.

5028 Business	N	AS	60	Land	Yes	F
Vermilion Community College						

5775 General Business	N	DIP	33	Land	Yes	F
Vermilion Community College						

52.0701: Entrepreneurship/Entrepreneurial Studies. A program that generally prepares individuals to perform development, marketing and management functions associated with owning and operating a business.

6924 Entrepreneurship	N	CERT	12	Land	Yes	F
Rainy River Community College						
Vermilion Community College						
Itasca Community College						
Mesabi Range Community and Technical College, Virginia						

01.0508: Taxidermy/Taxidermist. A program that prepares individuals to reproduce life-like three-dimensional representations of living animals for permanent display using elements of the deceased specimen(s) as well as artificial materials, and to manage taxidermy services and businesses. Includes instruction in specimen grading and selection, caping and fleshing, preservation procedures, tanning, drying, measurements, form and armature construction, carpentry and woodworking, molding and casting, drawing, sculptural techniques, painting and finishing techniques, basic business operations, customer communications, and applicable laws and regulations.

6231 Taxidermy Skills	N	CERT	18	Land	Yes	B
Vermilion Community College						

8141 Taxidermy	N	DIP	32	Land	Yes	B
Vermilion Community College						

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CIP & Description	Perk	Gen
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03.0101: Natural Resources/Conservation, General. A general program that focuses on the studies and activities relating to the natural environment and its conservation, use, and improvement. Includes instruction in subjects such as climate, air, soil, water, land, fish and wildlife, and plant resources; in the basic principles of environmental science and natural resources management; and the recreational and economic uses of renewable and nonrenewable natural resources.

5668 Natural Resource Technology - Forestry/Wildlife	N	AAS	67	Land	Yes	F
Vermilion Community College						

5669 Wildlife Ecology	N	CERT	25	Land	Yes	F
Vermilion Community College						

03.0208: Natural Resources Law Enforcement and Protective Services. A program that prepares individuals to enforce natural resource and environmental protection regulations and laws; and to perform emergency duties to protect human life, property and natural resources, including fire prevention and control measures, and emergency and rescue procedures. Includes instruction in natural and physical sciences, natural resource management, outdoor field skills, firearms and outdoor equipment and vehicle operation, evidence collection and environmental sampling and monitoring, natural resource legislation, environmental compliance techniques, patrol procedures, investigation and report writing, interpersonal skills and crisis intervention, community liaison, public safety, public education, and public relations. Note: this program was re-instated after being deleted from CIP 2000; previously, it was coded as 03.0203. Examples: [Conservation Enforcement]

2167 Wildland/Wildlife Law Enforcement	N	AAS	72	Land	Yes	F
Vermilion Community College						

4417 Seasonal Park Law Enforcement Ranger	N	CERT	19	Land	Yes	F
Vermilion Community College						

03.0601: Wildlife, Fish and Wildlands Science and Management. A program that prepares individuals to conserve and manage wilderness areas and the flora, marine and aquatic life therein, and manage wildlife reservations and zoological/aquarium facilities for recreational, commercial, and ecological purposes. Includes instruction in wildlife biology, marine/aquatic biology, environmental science, freshwater and saltwater ecosystems, natural resources management and policy, outdoor recreation and parks management, the design and operation of natural and artificial wildlife habitats, applicable law and regulations, and related administrative and communications skills.

8585 Wilderness and Park Management	N	AAS	68	Land	Yes	F
Vermilion Community College						

3501 Fisheries and Wildlife Management	N	AS	60	Land	Yes	F
Vermilion Community College						

15.0506: Water Quality and Wastewater Treatment Management and Recycling Technology/Technician. A program that prepares individuals to apply basic engineering principles and technical skills in support of engineers and other professionals engaged in developing and using water storage, waterpower, and wastewater treatment systems. Includes instruction in water storage, power and/or treatment systems and equipment; testing and inspection procedures; system maintenance procedures; and report preparation.

8480 Water Quality Science	N	AAS	60	Land	Yes	F
Vermilion Community College						

3493 Water Operations	N	DIP	35	Land	Yes	F
Vermilion Community College						

15.0507: Environmental Engineering Technology/Environmental Technology. A program that prepares individuals to apply basic engineering principles and technical skills in support of engineers and other professionals engaged in developing and using indoor and outdoor environmental pollution control systems. Includes instruction in environmental safety principles, testing and sampling procedures, laboratory techniques, instrumentation calibration, safety and protection procedures, equipment maintenance, and report preparation.

8253 Environmental Technician	N	AAS	60	Land	Yes	F
Vermilion Community College						

15.1102: Surveying Technology/Surveying. A program that prepares individuals to apply mathematical and scientific principles to the delineation, determination, planning and positioning of land tracts, land and water boundaries, land contours and features; and the preparation of related maps, charts and reports. Includes instruction in applied geodesy, computer graphics, photointerpretation, plane and geodetic surveying, mensuration, traversing, survey equipment operation and maintenance, instrument calibration, and basic cartography.

4287 Land Surveying	N	AS	60	Land	Yes	F
Vermilion Community College						

4288 Land Surveying	N	CERT	24	Land	Yes	F
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31.0504: Sport and Fitness Administration/Management. A program that prepares individuals to apply business, coaching and physical education principles to the organization, administration and management of athletic programs and teams, fitness/rehabilitation facilities and health clubs, sport recreation services, and related services. Includes instruction in program planning and development; business and financial management principles; sales, marketing and recruitment; event promotion, scheduling and management; facilities management; public relations; legal aspects of sports; and applicable health and safety standards.

7581 Sports Management	N	AS	60	Land	Yes	B
Vermilion Community College						

31.0601: Outdoor Education. A program that prepares individuals to work as an educator, instructor or facilitator in parks, recreational facilities, camps and other outdoor settings. Includes instruction in leadership skills, wilderness survival skills, first aid, group processes, counseling techniques, environmental studies and instruction in recreational activities such as rock climbing, ropes courses, backpacking, kayaking and canoeing.

7477 Outdoor Leadership	N	AS	60	Land	Yes	B
Vermilion Community College						

7478 Outdoor Leadership	N	CERT	30	Land	Yes	B
Vermilion Community College						

2012 Backcountry Guide	N	CERT	16	Land	Yes	B
Vermilion Community College						

40.0605: Hydrology and Water Resources Science. A program that focuses on the scientific study of the occurrence, circulation, distribution, chemical and physical properties, and environmental interaction of surface and subsurface waters, including groundwater. Includes instruction in geophysics, thermodynamics, fluid mechanics, chemical physics, geomorphology, mathematical modeling, hydrologic analysis, continental water processes, global water balance, and environmental science. Examples: [Hydrogeology]

4630 Watershed Science	N	AS	60	Land	No	F
Vermilion Community College						

51.2309: Therapeutic Recreation/Recreational Therapy. A program that prepares individuals to plan, organize, and direct recreational activities designed to promote health and well-being for patients who are physically, mentally, or emotionally disabled. Includes instruction in the foundations of therapeutic recreation, leisure education and counseling, program planning, therapeutic recreational modalities, basic anatomy and physiology, psychology, medical terminology, human growth and development, patient observation and evaluation, special needs populations, and professional standards and ethics.

8082 Outdoor Recreation Therapy	N	AS	60	Land	Yes	M
Vermilion Community College						

Itasca Community College

MnSCU Program Inventory by Institution

CIP & Description	EACE	Award	Credits	Delivery Mode	Perk Elig	Gen Eq.
Program Code/ID Approved Name Emphasis ID CIP Name						Location Name

14.0102: Pre-Engineering. A program that prepares individuals for admission or transfer to a baccalaureate-level program in any of the fields of engineering. Examples: [Pre-Engineering Transfer Program]

8473 Engineering		N		AS		60		Land		Yes		B
Itasca Community College												

24.0101: Liberal Arts and Sciences/Liberal Studies. A program that is a structured combination of the arts, biological and physical sciences, social sciences, and humanities, emphasizing breadth of study. Includes instruction in independently designed, individualized, or regular programs.

2010 Liberal Arts and Sciences		N		AA		60		Land		No		B
Itasca Community College												

51.3902: Nursing Assistant/Aide and Patient Care Assistant/Aide. A program that prepares individuals to perform routine nursing-related services to patients in hospitals or long-term care facilities, under the training and supervision of a registered nurse or licensed practical nurse.

6418 Nursing Assistant		N		CERT		3		Land		Yes		M
Itasca Community College												

52.0201: Business Administration and Management, General. A program that generally prepares individuals to plan, organize, direct, and control the functions and processes of a firm or organization. Includes instruction in management theory, human resources management and behavior, accounting and other quantitative methods, purchasing and logistics, organization and production, marketing, and business decision-making. Examples: [General Management], [Business Administration]

1103 Business Administration		N		AS		60		Land		Yes		F
Itasca Community College												

03.0506: Forest Management/Forest Resources Management. A program that prepares individuals to apply principles of forestry and natural resources management to the administration of forest lands and related resources. Includes instruction in silviculture, forest mensuration, forest protection, inventorying, biometrics, geographic information systems, remote sensing, photogrammetry, forest policy and economics, forest land use planning, fire protection and management, and related administrative skills. Examples: [Silviculture], [Sylviculture]

5647 Natural Resources		N		AAS		64		Land		Yes		F
Itasca Community College												

12-763-0003 43.0206 Wildland Firefighting				Emph		24						
12-089-2013 03.0501 Forest Resources				Emph		24						
12-764-0004 45.0702 Geospatial				Emph		24						
12-088-2013 03.0208 Law Enforcement				Emph		24						

03.0509: Wood Science and Wood Products/Pulp and Paper Technology. A program that focuses on the application of chemical, physical, and engineering principles to the analysis of the properties and behavior of wood and wood products and the development of processes for converting wood into paper and other products. Includes instruction in wood classification and testing, product development, manufacturing and processing technologies, and the design and development of related equipment and systems.

6823 Industrial Technology: Pulp and Paper		N		AAS		60		Land		Yes		F
Itasca Community College												

6824 Industrial Technology: Pulp and Paper		N		DIP		36		Land		Yes		F
Itasca Community College UPM Blandin Training Center												

Itasca Community College

MnSCU Program Inventory by Institution

CIP & Description	Perk	Gen
Program Code/ID Approved Name	EACE Award Credits Delivery Mode	Elig Eq.
Emphasis ID CIP Name	Location Name	

05.0202: American Indian/Native American Studies. A program that focuses on the history, sociology, politics, culture, and economics of one or more of the American Indian, Aleut, Inuit, Hawaiian and other native peoples of the Americas from earliest times until the present, with particular emphasis on U.S. and Canadian populations and their problems but including reference to Caribbean and Latin American native peoples.

3464 American Indian Studies	N	CERT	30	Land	No	N
Itasca Community College						

13.1210: Early Childhood Education and Teaching. A program that prepares individuals to teach students ranging in age from infancy through eight years (grade three), depending on the school system or state regulations. Includes preparation to teach all relevant subject matter. Examples: [Early Childhood Education (AA)], [Early Childhood Education (BA)], [Early Childhood Education (MA)], [Early Childhood Education (PhD)]

6816 Early Childhood Education	N	AS	60	Land	Yes	M
Itasca Community College						

13.1314: Physical Education Teaching and Coaching. A program that prepares individuals to teach physical education programs and/or to coach sports at various educational levels.

7921 Coaching	N	CERT	9	Land	Yes	B
Itasca Community College						

15.0503: Energy Management and Systems Technology/Technician. A program that prepares individuals to apply basic engineering principles and technical skills in support of engineers and other professionals engaged in developing energy-efficient systems or monitoring energy use. Includes instruction in principles of energy conservation, instrumentation calibration, monitoring systems and test procedures, energy loss inspection procedures, energy conservation techniques, and report preparation.

7841 Energy Technical Specialist	N	AAS	60	Land	Yes	F
Itasca Community College						

15.0613: Manufacturing Engineering Technology/Technician. A program that prepares individuals to apply basic engineering principles and technical skills to the identification and resolution of production problems in the manufacture of products. Includes instruction in machine operations, production line operations, engineering analysis, systems analysis, instrumentation, physical controls, automation, computer-aided manufacturing (CAM), manufacturing planning, quality control, and informational infrastructure.

7799 Industrial Technology - Power Generation	N	AAS	60	Land	Yes	F
Itasca Community College						

19.0709: Child Care Provider/Assistant. A program that prepares individuals to be primary providers of home, family, residential, or institutional-based child care services. Includes instruction in child growth and development, nutrition, recreation, planning and supervision of play and learning activities, child abuse and neglect prevention, parent-child relationships, and applicable legal and administrative requirements.

6361 Child Development	N	CERT	16	Land	Yes	M
Itasca Community College						

42.2813: Applied Psychology. A program that focuses on the application of psychological theories and methods to real-world settings and problems, such as business and industry, government, education, military, and community settings. Includes instruction in applications of psychology, industrial/organizational psychology, developmental psychology, social psychology, cognitive psychology, counseling, human factors, research methods and statistics, and program evaluation.

8236 Applied Psychology/Human Services	N	AS	60	Land	No	
Itasca Community College						

Itasca Community College

MnSCU Program Inventory by Institution

CIP & Description	Perk	Gen
Program Code/ID Approved Name	EACE Award Credits Delivery Mode	Elig Eq.
Emphasis ID CIP Name	Location Name	

43.0206: Wildland/Forest Firefighting and Investigation. A program focusing on the application of fire science, firefighting and investigation to the prevention, control and mitigation of wildland fires and the analysis of causes. Includes instruction in fire science and behavior, wildland environments, meteorology, wildland fire hydraulics and dynamics, water and chemical supply systems, wildland firefighting operations, airborne firefighting, firebreak engineering, communications systems, wildland arson, forensic procedures, wildland fire prevention, investigation techniques, case management and preparation.

5649 Wildland Firefighting	N	DIP	32	Land	Yes	F
Itasca Community College						

43.0304: Terrorism and Counterterrorism Operations. A program focusing on the study of terrorism as a global and national threat and the methods for analyzing and countering it. Includes instruction in psychology, cultural studies, terrorist history and organization, terrorist capabilities, terrorist finance and international money-laundering, threat assessment, intelligence operations, incident command systems, border security, emergency response, joint operations, surveillance and communications systems, cyberterrorism, weapons of mass destruction, counterterrorist operations, and applications to specific terrorist organizations and threats.

12-001-2013 Strategic Security Studies	N	AS	60	Online Plus	Yes	B
Itasca Community College						

45.0702: Geographic Information Science and Cartography. A program that focuses on the systematic study of map-making and the application of mathematical, computer, and other techniques to the analysis of large amounts of geographic data and the science of mapping geographic information. Includes instruction in cartographic theory and map projections, computer-assisted cartography, geographic information systems, map design and layout, photogrammetry, air photo interpretation, remote sensing, spatial analysis, geodesy, cartographic editing, and applications to specific industrial, commercial, research, and governmental mapping problems. Examples: [Geographic Information Systems (GIS)], [Spatial Analysis], [Geomatics], [Remote Sensing]

5777 Geography/Geographic Information System (GIS)	N	AS	60	Land	Yes	F
Itasca Community College						

2009 Geographic Information Systems (GIS) Professional	N	CERT	16	Online Plus	Yes	F
Itasca Community College						

51.0000: Health Services/Allied Health/Health Sciences, General. A general, introductory, undifferentiated, or joint program in health services occupations that prepares individuals for either entry into specialized training programs or for a variety of concentrations in the allied health area. Includes instruction in the basic sciences, research and clinical procedures, and aspects of the subject matter related to various health occupations.

12-222-2013 Health Sciences Broad Field	N	AS	60	Land	Yes	B
Itasca Community College						

51.3901: Licensed Practical/Vocational Nurse Training. A program that prepares individuals to assist in providing general nursing care under the direction of a registered nurse, physician or dentist. Includes instruction in taking patient vital signs, applying sterile dressings, patient health education, and assistance with examinations and treatment. Examples: [Licensed Practical Nurse (LPN)], [Licensed Vocational Nurse (LVN)], [Licensed Practical/Vocational Nurse Training (Cert.)], [Licensed Practical/Vocational Nurse Training (Dipl.)], [Licensed Practical/Vocational Nurse Training (AAS)]

1105 Practical Nursing	N	DIP	40	Land	Yes	M
Rainy River Community College						
Itasca Community College						
Lakewood Health Center, Baudette						

Itasca Community College MnSCU Program Inventory by Institution

CIP & Description	EACE Award Credits	Delivery Mode	Perk Gen	Elig Eq.	Location Name
Program Code/ID Approved Name					
Emphasis ID CIP Name					

52.0301: Accounting. A program that prepares individuals to practice the profession of accounting and to perform related business functions. Includes instruction in accounting principles and theory, financial accounting, managerial accounting, cost accounting, budget control, tax accounting, legal aspects of accounting, auditing, reporting procedures, statement analysis, planning and consulting, business information systems, accounting research methods, professional standards and ethics, and applications to specific for-profit, public, and non-profit organizations.

7741 Accounting	N	AS	60		Land	Yes	B
Itasca Community College							

Mesabi Range College

MnSCU Program Inventory by Institution

CIP & Description	EACE	Award	Credits	Delivery Mode	Perk Elig	Gen Eq.
Program Code/ID Approved Name Emphasis ID CIP Name					Location Name	

24.0101: Liberal Arts and Sciences/Liberal Studies. A program that is a structured combination of the arts, biological and physical sciences, social sciences, and humanities, emphasizing breadth of study. Includes instruction in independently designed, individualized, or regular programs.

1234 Liberal Arts and Sciences	N	AA	60	Land	No	B
Mesabi Range Community and Technical College, Virginia						

47.0303: Industrial Mechanics and Maintenance Technology. A program that prepares individuals to apply technical knowledge and skills to repair and maintain industrial machinery and equipment such as cranes, pumps, engines and motors, pneumatic tools, conveyor systems, production machinery, marine deck machinery, and steam propulsion, refinery, and pipeline-distribution systems. Examples: [Industrial Plant Technician], [Industrial Equipment Technology], [Industrial Mechanic], [Millwright]

8373 Industrial Technology	N	AAS	63	Land	Yes	F
Vermilion Community College Mesabi Range Community and Technical College, Eveleth						

8429 Industrial Mechanical Technology	N	AAS	60	Land	Yes	F
Mesabi Range Community and Technical College, Eveleth						

3816 Industrial Mechanical Technology	N	DIP	60	Land	Yes	F
Mesabi Range Community and Technical College, Eveleth						

51.3902: Nursing Assistant/Aide and Patient Care Assistant/Aide. A program that prepares individuals to perform routine nursing-related services to patients in hospitals or long-term care facilities, under the training and supervision of a registered nurse or licensed practical nurse.

4448 Nursing Assistant/Home Health Aide	N	CERT	4	Land	Yes	M
Mesabi Range Community and Technical College, Eveleth						

52.0401: Administrative Assistant and Secretarial Science, General. A program that generally prepares individuals to perform the duties of administrative assistants and/or secretaries and stenographers. Includes instruction in business communications, principles of business law, word processing and data entry, office machines operation and maintenance, office procedures, public relations, secretarial accounting, filing systems and records management, and report preparation.

8519 Executive Office Management	N	AAS	60	Land	Yes	M
Mesabi Range Community and Technical College, Virginia						

8532 Executive Office Management	N	CERT	18	Land	Yes	M
Mesabi Range Community and Technical College, Virginia						

8531 Executive Office Management	N	DIP	34	Land	Yes	M
Mesabi Range Community and Technical College, Virginia						

15.0503: Energy Management and Systems Technology/Technician. A program that prepares individuals to apply basic engineering principles and technical skills in support of engineers and other professionals engaged in developing energy-efficient systems or monitoring energy use. Includes instruction in principles of energy conservation, instrumentation calibration, monitoring systems and test procedures, energy loss inspection procedures, energy conservation techniques, and report preparation.

7844 Energy Technical Specialist	N	AAS	60	Land	Yes	F
Mesabi Range Community and Technical College, Eveleth Mesabi Range Community and Technical College, Virginia						

15.0613: Manufacturing Engineering Technology/Technician. A program that prepares individuals to apply basic engineering principles and technical skills to the identification and resolution of production problems in the manufacture of products. Includes instruction in machine operations, production line operations, engineering analysis, systems analysis, instrumentation, physical controls, automation, computer-aided manufacturing (CAM), manufacturing planning, quality control, and informational infrastructure.

8238 Process Automation Systems	N	AAS	72	Land	Yes	F
Mesabi Range Community and Technical College, Eveleth						

8239 Process Automation Systems	N	DIP	67	Land	Yes	F
Mesabi Range Community and Technical College, Eveleth						

4642 Computer Integrated Manufacturing	N	CERT	29	Land	Yes	F
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Mesabi Range College

MnSCU Program Inventory by Institution

CIP & Description	Perk	Gen
Program Code/ID Approved Name	EACE Award Credits Delivery Mode	Elig Eq.
Emphasis ID CIP Name	Location Name	

15.0613: Manufacturing Engineering Technology/Technician. A program that prepares individuals to apply basic engineering principles and technical skills to the identification and resolution of production problems in the manufacture of products. Includes instruction in machine operations, production line operations, engineering analysis, systems analysis, instrumentation, physical controls, automation, computer-aided manufacturing (CAM),
 Mesabi Range Community and Technical College, Eveleth

19.0709: Child Care Provider/Assistant. A program that prepares individuals to be primary providers of home, family, residential, or institutional-based child care services. Includes instruction in child growth and development, nutrition, recreation, planning and supervision of play and learning activities, child abuse and neglect prevention, parent-child relationships, and applicable legal and administrative requirements.

8076 Child Development Competency	N	CERT	10	Online Plus	Yes	M
Mesabi Range Community and Technical College, Virginia						

6793 Early Childhood Personal Care Attendant	N	CERT	17	Land	Yes	M
Mesabi Range Community and Technical College, Virginia						

6794 School Age Personal Care Attendant	N	CERT	17	Land	Yes	M
Mesabi Range Community and Technical College, Virginia						

51.3901: Licensed Practical/Vocational Nurse Training. A program that prepares individuals to assist in providing general nursing care under the direction of a registered nurse, physician or dentist. Includes instruction in taking patient vital signs, applying sterile dressings, patient health education, and assistance with examinations and treatment. Examples: [Licensed Practical Nurse (LPN)], [Licensed Vocational Nurse (LVN)], [Licensed Practical/Vocational Nurse Training (Cert.)], [Licensed Practical/Vocational Nurse Training (Dipl)], [Licensed Practical/Vocational Nurse Training (AAS)]

464 Practical Nursing	N	DIP	51	Land	Yes	M
Vermilion Community College						
Mesabi Range Community and Technical College, Eveleth						

10.0301: Graphic Communications, General. A program that generally prepares individuals to apply technical knowledge and skills in the manufacture and distribution or transmission of graphic communications products. Includes instruction in the prepress, press, and postpress phases of production operations and processes such as offset lithography, flexography, gravure, letterpress, screen printing, foil stamping, digital imaging, and other reproduction methods.

3586 Graphic Design Media	N	AAS	75	Land	Yes	B
Mesabi Range Community and Technical College, Eveleth						

4897 Graphic Design Media	N	DIP	64	Land	Yes	B
Mesabi Range Community and Technical College, Eveleth						

13.1015: Education/Teaching of Individuals in Early Childhood Special Education Programs. A program that focuses on the design and provision of teaching and other educational services to infant and pre-school age children with special learning needs or disabilities, and that prepares individuals to teach such students. Includes instruction in diagnosing learning disabilities, developing individual education plans, teaching and supervising special education students, special education counseling, and applicable laws and policies.

8565 Early Childhood/Early Childhood Special Education	N	AAS	60	Online Plus	Yes	B
Mesabi Range Community and Technical College, Virginia						

13.1501: Teacher Assistant/Aide. A program that prepares individuals to assist a teacher in regular classroom settings or in providing instruction and supervision to special student populations, such as bilingual/bicultural students, special education students, adult learners, and students learning English. Includes instruction in techniques of general classroom supervision, maintaining order, assisting with lessons and carrying out related assignments. Examples: [Early Childhood Education Teacher Assistant/Aide], [Elementary Education Teacher Assistant/Aide], [Special Education Teacher Assistant/Aide], [Paraprofessional Educator]

5717 Teacher Assistant/Instructional Aide/Paraprofessio	N	AAS	60	Land	Yes	M
Mesabi Range Community and Technical College, Virginia						

6718 Paraprofessional	N	CERT	29	Land	Yes	M
Mesabi Range Community and Technical College, Virginia						

Mesabi Range College

MnSCU Program Inventory by Institution

CIP & Description	Perk	Gen
Program Code/ID Approved Name	EACE Award Credits	Delivery Mode
Emphasis ID CIP Name	Elig Eq.	Location Name

26.0101: Biology/Biological Sciences, General. A general program of biology at the introductory, basic level or a program in biology or the biological sciences that is undifferentiated as to title or content. Includes instruction in general biology and programs covering a variety of biological specializations.

6201 Biology	N	AS	60	Land	No	B
Mesabi Range Community and Technical College, Virginia						

43.0203: Fire Science/Fire-fighting. A program focusing on the theory and practice of fires and fire-fighting. Includes instruction in fire chemistry and physics, combustible materials, computer science, building construction, fire codes and related laws, fire hydraulics, fire command, fire prevention/inspection, fire protection systems, fire suppression systems, fire/arson investigation, occupational safety, equipment operation, emergency medicine and communications. Examples: [Fire Science and Analysis], [Firefighter Training]

3604 Fire Suppression Technician	N	CERT	24	Land	Yes	F
Mesabi Range Community and Technical College, Eveleth						

44.0000: Human Services, General. A program that focuses on the general study and provision of human and social services to individuals and communities and prepares individuals to work in public and private human services agencies and organizations. Includes instruction in the social sciences, psychology, principles of social service, human services policy, planning and evaluation, social services law and administration, and applications to particular issues, services, localities, and populations.

4648 Human Services Generalist	N	AAS	60	Land	Yes	B
Mesabi Range Community and Technical College, Virginia						

46.0000: Construction Trades, General. A program that generally prepares individuals to apply technical knowledge and skills in the building, inspecting, and maintaining of structures and related properties. May include instruction in masonry, carpentry, electrical and power transmission installation, building/construction finishing, management, inspection and other construction-related applications. Examples: [Construction Craft Worker]

4450 Construction Trade	N	DIP	64	Land	Yes	B
Mesabi Range Community and Technical College, Eveleth						

46.0101: Mason/Masonry. A program that prepares individuals to apply technical knowledge and skills in the laying and/or setting of exterior brick, concrete block, hard tile, marble and related materials, using trowels, levels, hammers, chisels, and other hand tools. Includes instruction in technical mathematics, blueprint reading, structural masonry, decorative masonry, foundations, reinforcement, mortar preparation, cutting and finishing, and applicable codes and standards. Examples: [Bricklayer], [Brick and Stone Mason]

2013 Blocklaying	N	CERT	11	Land	Yes	F
Mesabi Range Community and Technical College, Eveleth						

3121 Masonry	N	CERT	29	Land	Yes	F
Mesabi Range Community and Technical College, Eveleth						

46.0201: Carpentry/Carpenter. A program that prepares individuals to apply technical knowledge and skills to lay out, cut, fabricate, erect, install, and repair wooden structures and fixtures, using hand and power tools. Includes instruction in technical mathematics, framing, construction materials and selection, job estimating, blueprint reading, foundations and roughing-in, finish carpentry techniques, and applicable codes and standards. Examples: [General Carpenter]

1236 Carpentry	N	DIP	64	Land	Yes	F
Mesabi Range Community and Technical College, Eveleth						

1603 Carpentry Assistant	N	DIP	30	Land	Yes	F
Mesabi Range Community and Technical College, Eveleth						

Mesabi Range College

MnSCU Program Inventory by Institution

CIP & Description	Perk	Gen
Program Code/ID Approved Name	EACE Award Credits Delivery Mode	Elig Eq.
Emphasis ID CIP Name	Location Name	

46.0402: Concrete Finishing/Concrete Finisher. A program that prepares individuals to prepare, construct, and finish buildings, components, and related structures using compound masonry mixtures of stone, gravel, sand, cement, and water. Includes instruction in site preparation, applied mathematics, mixing formulas and applications, job estimation, concrete design, finishing techniques, mold preparation, reinforcement installation, site safety, and equipment operation and maintenance.

4650 Concrete Flatwork	N	CERT	11	Land	Yes	F
Mesabi Range Community and Technical College, Eveleth						

46.0404: Drywall Installation/Drywaller. A program that prepares individuals to apply technical knowledge and skills to install, tape, and plaster drywall installations in interior and exterior construction jobs. Includes instruction in drywall handling and transport, cutting and mounting, taping and spackling, finishing, job analysis and estimation, site safety, tool operation and maintenance, blueprint and specification interpretation, and applicable codes and standards. Examples: [Drywall, Acousting and Lathing Applicator], [Drywall and Acoustical Mechanic], [Lather (Interior Systems Mechanic)], [Interior Systems Installer], [Wall and Ceiling Installer]

4656 Insulating and Sheetrocking	N	CERT	11	Land	Yes	F
Mesabi Range Community and Technical College, Eveleth						

46.0410: Roofer. A program that prepares individuals to apply technical knowledge and skills to prepare, install, and maintain exterior roofing materials and roofs. Includes instruction in building materials, flashing, lag bolts, site safety, equipment operation and maintenance, layering, site preparation, basic internal structural design, finishing, waterproofing, and applicable codes and standards.

4654 Roofing	N	CERT	11	Land	Yes	F
Mesabi Range Community and Technical College, Eveleth						

47.0103: Communications Systems Installation and Repair Technology. A program that prepares individuals to apply technical knowledge and skills to assemble, install, operate, maintain, and repair one- and two- way communications equipment and systems, including television cable systems and mobile or stationary communication devices. Includes instruction in diagnostic techniques, the use of testing equipment and the principles of mechanics, electricity, and electronics as they relate to the repair of communications systems.

3308 Network Cabling Technician	N	CERT	17	Land	Yes	F
Mesabi Range Community and Technical College, Eveleth						

48.0508: Welding Technology/Welder. A program that prepares individuals to apply technical knowledge and skills to join or cut metal surfaces. Includes instruction in arc welding, resistance welding, brazing and soldering, cutting, high-energy beam welding and cutting, solid state welding, ferrous and non-ferrous materials, oxidation-reduction reactions, welding metallurgy, welding processes and heat treating, structural design, safety, and applicable codes and standards. Examples: [Arc Welding], [Flux-Core Arc Welding], [Gas Metal Arc Welding], [Gas Tungsten Arc Welding], [Shielded Metal Arc Welding], [Structural Steel Welding], [Tungsten Inert Gas (TIG) Welding], [Pipe Welding], [Wire Welding], [Industrial Welder], [Welder], [Metal Inert Gas (MIG) Welding]

5631 Advanced Welding	N	DIP	65	Land	Yes	F
Mesabi Range Community and Technical College, Eveleth Two Harbors High School						

2475 Entry Level Welding	N	DIP	32	Land	Yes	F
Mesabi Range Community and Technical College, Eveleth Two Harbors High School						

48.0703: Cabinetmaking and Millwork. A program that prepares individuals to apply technical knowledge and skills to set up, operate and repair industrial woodworking machinery, and to use such machinery to design and fabricate wooden components and complete articles. Examples: [Cabinetmaker], [Joiner]

4652 Cabinet and Counter Top Installation	N	CERT	11	Land	Yes	F
Mesabi Range Community and Technical College, Eveleth						

Mesabi Range College

MnSCU Program Inventory by Institution

CIP & Description	Perk	Gen
Program Code/ID Approved Name	EACE Award Credits Delivery Mode	Elig Eq.
Emphasis ID CIP Name	Location Name	

51.0810: Emergency Care Attendant (EMT Ambulance). A program that prepares individuals to assist licensed EMTs, under the supervision of a physician, to prepare and transport ill or injured patients, and to operate emergency vehicles and equipment such as life support units. Includes instruction in first aid and emergency medicine field techniques, patient stabilization and care, medical field communications, equipment operation and maintenance, emergency vehicle operation, and applicable standards and regulations.

4658 Emergency Medical Services	N	CERT	16	Land	Yes	B
Mesabi Range Community and Technical College, Eveleth						

51.0904: Emergency Medical Technology/Technician (EMT Paramedic). A program that prepares individuals, under the remote supervision of physicians, to recognize, assess, and manage medical emergencies in prehospital settings and to supervise Ambulance personnel. Includes instruction in basic, intermediate, and advanced EMT procedures; emergency surgical procedures; medical triage; rescue operations; crisis scene management and personnel supervision; equipment operation and maintenance; patient stabilization, monitoring, and care; drug administration; identification and preliminary diagnosis of diseases and injuries; communication and computer operations; basic anatomy, physiology, pathology, and toxicology; and professional standards and regulations.

3611 Paramedic	N	AAS	72	Land	Yes	B
Mesabi Range Community and Technical College, Eveleth						

14-011-2013 Paramedic	N	DIP	51	Land	Yes	B
Mesabi Range Community and Technical College, Eveleth						

51.1501: Substance Abuse/Addiction Counseling. A program that prepares individuals to help prevent substance abuse, counsel individuals and families with drug and alcohol problems, and perform intervention and therapeutic services for persons suffering from addiction. Includes instruction in individual and group counseling skills, psychology of addiction, sociology, crisis intervention, substance abuse identification methodologies, substance abuse treatment modalities, substance abuse prevention and treatment resources, pharmacology and behavioral aspects of abused substances, treatment evaluation, patient observation and education, group dynamics, professional standards and ethics, and applicable law and regulations.

2100 Human Services-Chemical Dependency Specialist	N	AAS	60	Land	Yes	B
Mesabi Range Community and Technical College, Virginia						

4254 Chemical Dependency Specialist	N	CERT	30	Land	Yes	B
Mesabi Range Community and Technical College, Virginia						

52.0101: Business/Commerce, General. A program that focuses on the general study of business, including the processes of interchanging goods and services (buying, selling and producing), business organization, and accounting as used in profit-making and nonprofit public and private institutions and agencies. The programs may prepare individuals to apply business principles and techniques in various occupational settings.

2132 Business	N	AS	60	Land	Yes	F
Mesabi Range Community and Technical College, Virginia						

1606 General Business	N	DIP	31	Land	Yes	F
Mesabi Range Community and Technical College, Virginia						

52.0204: Office Management and Supervision. A program that prepares individuals to supervise and manage the operations and personnel of business offices and management-level divisions. Includes instruction in employee supervision, management, and labor relations; budgeting; scheduling and coordination; office systems operation and maintenance; office records management, organization, and security; office facilities design and space management; preparation and evaluation of business management data; and public relations.

4661 Supervisory Management	N	CERT	18	Land	Yes	B
Mesabi Range Community and Technical College, Virginia						

52.0207: Customer Service Management. A program that prepares individuals to supervise and monitor customer service performance and manage frontline customer support services, call centers/help desks, and customer relations. Includes instruction in customer behavior, specialized information technology and systems management, developing and using customer service databases, user surveys and other feedback mechanisms, strategic and performance planning and analysis, operations management, personnel supervision, and communications and marketing skills.

4668 Service Support Specialist	N	DIP	35	Land	Yes	B
Mesabi Range Community and Technical College, Eveleth						

Mesabi Range College

MnSCU Program Inventory by Institution

CIP & Description	Perk	Gen
Program Code/ID Approved Name	EACE Award Credits Delivery Mode	Elig Eq.
Emphasis ID CIP Name	Location Name	

52.0302: Accounting Technology/Technician and Bookkeeping. A program that prepares individuals to provide technical administrative support to professional accountants and other financial management personnel. Includes instruction in posting transactions to accounts, record-keeping systems, accounting software operation, and general accounting principles and practices.

1604 Small Business Accounting	N	CERT	12	Land	Yes	M
Mesabi Range Community and Technical College, Eveleth						

52.0407: Business/Office Automation/Technology/Data Entry. A program that prepares individuals to support business information operations by using computer equipment to enter, process, and retrieve data for a wide variety of administrative purposes. Includes instruction in using basic business software and hardware, business computer networking, principles of desktop publishing, preparing mass mailings, compiling and editing spreadsheets, list maintenance, preparing tables and graphs, receipt control, and preparing business performance reports.

4899 Computer Applications	N	CERT	16	Land	Yes	M
Mesabi Range Community and Technical College, Eveleth						

4663 Computer Proficiency	N	CERT	10	Land	Yes	M
Mesabi Range Community and Technical College, Eveleth						

52.0411: Customer Service Support/Call Center/Teleservice Operation. A program that prepares individuals to assist customers with inquiries and problems in frontline call centers, help desks, teleservice centers, and online. Includes instruction in user interfaces and user behavior, principles of hardware and software systems operation, customer interaction skills, telephone and e-mailing skills, data entry, and database and Internet searching and retrieval.

4665 Customer Service Specialist	N	CERT	17	Land	Yes	M
Mesabi Range Community and Technical College, Eveleth						

52.0701: Entrepreneurship/Entrepreneurial Studies. A program that generally prepares individuals to perform development, marketing and management functions associated with owning and operating a business.

14-001-2013 Entrepreneurship	N	CERT	14	Land	Yes	F
Mesabi Range Community and Technical College, Virginia						

52.0703: Small Business Administration/Management. A program that prepares individuals to develop and manage independent small businesses. Includes instruction in business administration; enterprise planning and entrepreneurship; start-up; small business operations and problems; personnel supervision; capitalization and investment; taxation; business law and regulations; e-commerce; home business operations; and applications to specific sectors, products, and services.

4660 Small Business Management	N	DIP	38	Land	Yes	B
Mesabi Range Community and Technical College, Eveleth						

52.2001: Construction Management. A program that prepares individuals to manage, coordinate, and supervise the construction process from concept development through project completion on timely and economic bases. Includes instruction in commercial, residential, mechanical, highway/heavy civil, electrical, environmental, industrial, and specialty construction; facilities management; project planning; budgeting and cost control; logistics and materials management; personnel management and labor relations; site safety; construction contracting; construction processes and techniques; organization and scheduling; and applicable codes and regulations.

14-000-0002 Construction Management	N	AS	60	Land	Yes	F
Mesabi Range Community and Technical College, Virginia						

14-003-2014 Construction Management & Supervision	N	CERT	30	Online Plus	Yes	F
Mesabi Range Community and Technical College, Virginia						

Institution Short Formal Name: Hibbing Community College, Itasca Community College, Mesabi Range College, Rainy River Community College, Vermilion Community College