

TRANSFERABLE OCCUPATIONS

JOHN DOE

Selected Occupational Criteria / Limitations

Climbing: <input type="checkbox"/>	Balancing: <input type="checkbox"/>	Stooping: <input type="checkbox"/>	Kneeling: <input type="checkbox"/>	Crouching: <input type="checkbox"/>
Crawling: <input type="checkbox"/>	Reaching: <input type="checkbox"/>	Handling: <input type="checkbox"/>	Fingering: <input type="checkbox"/>	Feeling: <input type="checkbox"/>
Talking: <input type="checkbox"/>	Hearing: <input type="checkbox"/>	Taste/Smell: <input type="checkbox"/>	Near Acuity: <input type="checkbox"/>	Far Acuity: <input type="checkbox"/>
PHYSICAL	Depth Percep: <input type="checkbox"/>	Accom: <input type="checkbox"/>	Color Vision: <input type="checkbox"/>	Field of Vision: <input type="checkbox"/>

Weather: <input type="checkbox"/>	Wet/Humid: <input type="checkbox"/>	Atmospheric Conditions: <input type="checkbox"/>	High, Exp. Places: <input type="checkbox"/>
Cold: <input type="checkbox"/>	Noise: <input type="checkbox"/>	Move, Mech. Parts: <input type="checkbox"/>	Radiation: <input type="checkbox"/>
Hot: <input type="checkbox"/>	Vibration: <input type="checkbox"/>	Electric Shock: <input type="checkbox"/>	Explosives: <input type="checkbox"/>
ENVIRONMENTAL		Tox. Caus. Chem.: <input type="checkbox"/>	Other E. Cond.: <input type="checkbox"/>

G	V	N	S	P	Q	K	F	M	E	C	Aptitude (GATB)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Gen. Ed. Dev.	Spec. V.P. <input type="checkbox"/>
Reasoning: <input type="checkbox"/>	Strength: <input type="checkbox"/> L
Math: <input type="checkbox"/>	
Language: <input type="checkbox"/>	

G	V	N	S	P	Q	K	F	M	E	C	Aptitude (GATB)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Minimum Values

Worker Functions		
Data: <input type="checkbox"/>	People: <input type="checkbox"/>	Things: <input type="checkbox"/>

1: <input type="checkbox"/>	2: <input type="checkbox"/>	3: <input type="checkbox"/>	4: <input type="checkbox"/>	5: <input type="checkbox"/>	Temperaments
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Vocational History Occupations

Work Fields

MPSMS Fields

DOT #	DOT Title	WF1	WF2	WF3	MP1	MP2	MP3
312474010	BARTENDER	291	143	0	903	0	0

TRANSFERABLE OCCUPATIONS
correlated to the
Classification of Instructional Programs (CIP) 2000

DOT#: 245367014 Title: BLOOD DONOR UNIT ASSISTANT

Tsa Lvl: Highly

GOE Code: 070401 Spec. Voc. Prep.: 2 Strength: L Reasoning: 2 Math: 1 Language: 2

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120507	120507	Food Service, Waiter/Waitress, and Dining Room Management/Manager	Food Service, Waiter/Waitress, and Dining Room Management/Manager. A program that prepares individuals to serve food to customers in formal or informal settings. Includes instruction in the nutritional, sensory, and functional properties of food and its ingredients; food services principles; table and counter services; dining room operations and procedures; service personnel supervision and management; communication skills; business math; safety and sanitation.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
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Classification of Instructional Programs (CIP) 2000

DOT#: **245367014** Title: **BLOOD DONOR UNIT ASSISTANT**Tsa Lvl: **Highly**GOE Code: **070401** Spec. Voc. Prep.: **2** Strength: **L** Reasoning: **2** Math: **1** Language: **2**

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200401	120508	Institutional Food Workers (NEW)	Institutional Food Workers. (NEW) A program that prepares individuals in production and service used in governmental, commercial or independently owned institutional food establishments and related food industry occupations. Includes instruction in selecting, storing, preparing, and serving food and food products; basic nutrition; sanitation, and food safety; the use and care of commercial equipment; serving techniques; and the operation of institutional food establishments.
200409	190505	Foodservice Systems Administration/Management	Foodservice Systems Administration/Management. A program that focuses on the principles and practices relating to the administration of food service systems in institutional settings, and that prepares individuals to manage such operations in public and private facilities. Includes instruction in human nutrition, food safety, the design and organization of food service systems, purchasing, personnel management, and related business practices.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200405	120504	Restaurant, Culinary, and Catering Management/Manager	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.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120507	120507	Food Service, Waiter/Waitress, and Dining Room Management/Manager	Food Service, Waiter/Waitress, and Dining Room Management/Manager. A program that prepares individuals to serve food to customers in formal or informal settings. Includes instruction in the nutritional, sensory, and functional properties of food and its ingredients; food services principles; table and counter services; dining room operations and procedures; service personnel supervision and management; communication skills; business math; safety and sanitation.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
080901	521910	Hospitality and Recreation Marketing Operations (NEW)	Hospitality and Recreation Marketing Operations. (NEW) A program that prepares individuals to provide marketing services in the hospitality and leisure fields. Includes instruction in hospitality operations, customer sales and assistance operations and techniques, telephone operations, basic office management, retail sports, recreation equipment, food and beverage .
080906	521910	Hospitality and Recreation Marketing Operations (NEW)	Hospitality and Recreation Marketing Operations. (NEW) A program that prepares individuals to provide marketing services in the hospitality and leisure fields. Includes instruction in hospitality operations, customer sales and assistance operations and techniques, telephone operations, basic office management, retail sports, recreation equipment, food and beverage .

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120502	120502	Bartending/Bartender	Bartending/Bartender. A program that prepares individuals to professionally prepare mixed alcoholic and non-alcoholic beverages and related products and manage bars, lounges, and beverage service operations in the hospitality industry. Includes instruction in mixology, oenology, accounting and cash management, inventory and cellar management, bar and lounge management, applicable laws and regulations, customer service, and labor/employment regulations.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200401	120508	Institutional Food Workers (NEW)	Institutional Food Workers. (NEW) A program that prepares individuals in production and service used in governmental, commercial or independently owned institutional food establishments and related food industry occupations. Includes instruction in selecting, storing, preparing, and serving food and food products; basic nutrition; sanitation, and food safety; the use and care of commercial equipment; serving techniques; and the operation of institutional food establishments.

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GOE Code: 070401 Spec. Voc. Prep.: 2 Strength: L Reasoning: 2 Math: 1 Language: 2

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200405	120504	Restaurant, Culinary, and Catering Management/Manager	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.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120507	120507	Food Service, Waiter/Waitress, and Dining Room Management/Manager	Food Service, Waiter/Waitress, and Dining Room Management/Manager. A program that prepares individuals to serve food to customers in formal or informal settings. Includes instruction in the nutritional, sensory, and functional properties of food and its ingredients; food services principles; table and counter services; dining room operations and procedures; service personnel supervision and management; communication skills; business math; safety and sanitation.

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TRANSFERABLE OCCUPATIONS
correlated to the
Classification of Instructional Programs (CIP) 2000

DOT#: **077117010** Title: **DIETITIAN CHIEF**Tsa Lvl: **Moderately**GOE Code: **110502** Spec. Voc. Prep.: **8** Strength: **S** Reasoning: **5** Math: **4** Language: **5**

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
190501	190501	Foods, Nutrition, and Wellness Studies, General	Foods, Nutrition, and Wellness Studies, General. A general program that focuses on the role of foods and nutrition in human health and wellness. Includes instruction in nutritional care and education, the planning and provision of food services, the development of consumable food products, life-span nutrition and wellness, the principles of nutritional assessment, and food safety and food composition.
190502	190501	Foods, Nutrition, and Wellness Studies, General	Foods, Nutrition, and Wellness Studies, General. A general program that focuses on the role of foods and nutrition in human health and wellness. Includes instruction in nutritional care and education, the planning and provision of food services, the development of consumable food products, life-span nutrition and wellness, the principles of nutritional assessment, and food safety and food composition.
190503	513101	Dietetics/Dietitian (RD)	Dietetics/Dietitian (RD). A program that prepares individuals to integrate and apply the principles of the food and nutrition sciences, human behavior, and the biomedical sciences to design and manage effective nutrition programs in a variety of settings. Includes instruction in human nutrition; nutrient metabolism; the role of foods and nutrition in health promotion and disease prevention; planning and directing food service activities; diet and nutrition analysis and planning; supervision of food storage and preparation; client education; and professional standards and regulations. (Moved from 51.2702)
190505	190505	Foodservice Systems Administration/Management	Foodservice Systems Administration/Management. A program that focuses on the principles and practices relating to the administration of food service systems in institutional settings, and that prepares individuals to manage such operations in public and private facilities. Includes instruction in human nutrition, food safety, the design and organization of food service systems, purchasing, personnel management, and related business practices.

TRANSFERABLE OCCUPATIONS
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Classification of Instructional Programs (CIP) 2000

DOT#: **077117010** Title: **DIETITIAN CHIEF**Tsa Lvl: **Moderately**GOE Code: **110502** Spec. Voc. Prep.: **8** Strength: **S** Reasoning: **5** Math: **4** Language: **5**

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200401	120508	Institutional Food Workers (NEW)	Institutional Food Workers. (NEW) A program that prepares individuals in production and service used in governmental, commercial or independently owned institutional food establishments and related food industry occupations. Includes instruction in selecting, storing, preparing, and serving food and food products; basic nutrition; sanitation, and food safety; the use and care of commercial equipment; serving techniques; and the operation of institutional food establishments.
200409	190505	Foodservice Systems Administration/Management	Foodservice Systems Administration/Management. A program that focuses on the principles and practices relating to the administration of food service systems in institutional settings, and that prepares individuals to manage such operations in public and private facilities. Includes instruction in human nutrition, food safety, the design and organization of food service systems, purchasing, personnel management, and related business practices.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
190501	190501	Foods, Nutrition, and Wellness Studies, General	Foods, Nutrition, and Wellness Studies, General. A general program that focuses on the role of foods and nutrition in human health and wellness. Includes instruction in nutritional care and education, the planning and provision of food services, the development of consumable food products, life-span nutrition and wellness, the principles of nutritional assessment, and food safety and food composition.
190502	190501	Foods, Nutrition, and Wellness Studies, General	Foods, Nutrition, and Wellness Studies, General. A general program that focuses on the role of foods and nutrition in human health and wellness. Includes instruction in nutritional care and education, the planning and provision of food services, the development of consumable food products, life-span nutrition and wellness, the principles of nutritional assessment, and food safety and food composition.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
190503	513101	Dietetics/Dietitian (RD)	Dietetics/Dietitian (RD). A program that prepares individuals to integrate and apply the principles of the food and nutrition sciences, human behavior, and the biomedical sciences to design and manage effective nutrition programs in a variety of settings. Includes instruction in human nutrition; nutrient metabolism; the role of foods and nutrition in health promotion and disease prevention; planning and directing food service activities; diet and nutrition analysis and planning; supervision of food storage and preparation; client education; and professional standards and regulations. (Moved from 51.2702)
200401	120508	Institutional Food Workers (NEW)	Institutional Food Workers. (NEW) A program that prepares individuals in production and service used in governmental, commercial or independently owned institutional food establishments and related food industry occupations. Includes instruction in selecting, storing, preparing, and serving food and food products; basic nutrition; sanitation, and food safety; the use and care of commercial equipment; serving techniques; and the operation of institutional food establishments.
200404	513104	Dietitian Assistant	Dietitian Assistant. A program that prepares individuals to assist registered dietitians in planning, preparing and serving meals to individuals with specific dietary needs. Includes instruction in equipment use, food preparation, diet regulations, food handling, safety and sanitary standards and administrative techniques and procedures. (Moved from 20.0404)

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080901	521910	Hospitality and Recreation Marketing Operations (NEW)	Hospitality and Recreation Marketing Operations. (NEW) A program that prepares individuals to provide marketing services in the hospitality and leisure fields. Includes instruction in hospitality operations, customer sales and assistance operations and techniques, telephone operations, basic office management, retail sports, recreation equipment, food and beverage .
080902	521910	Hospitality and Recreation Marketing Operations (NEW)	Hospitality and Recreation Marketing Operations. (NEW) A program that prepares individuals to provide marketing services in the hospitality and leisure fields. Includes instruction in hospitality operations, customer sales and assistance operations and techniques, telephone operations, basic office management, retail sports, recreation equipment, food and beverage .

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
520902	520904	Hotel/Motel Administration/Management (NEW)	Hotel/Motel Administration/Management. (NEW) A program that prepares individuals to manage operations and facilities that provide lodging services to the traveling public. Includes instruction in hospitality industry principles; supplies purchasing, storage and control; hotel facilities design and planning; hospitality industry law; personnel management and labor relations; financial management; marketing and sales promotion; convention and event management; front desk operations; and applications to specific types of hotels and motel operations.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120504	120504	Restaurant, Culinary, and Catering Management/Manager	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.
520902	520904	Hotel/Motel Administration/Management (NEW)	Hotel/Motel Administration/Management. (NEW) A program that prepares individuals to manage operations and facilities that provide lodging services to the traveling public. Includes instruction in hospitality industry principles; supplies purchasing, storage and control; hotel facilities design and planning; hospitality industry law; personnel management and labor relations; financial management; marketing and sales promotion; convention and event management; front desk operations; and applications to specific types of hotels and motel operations.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120504	120504	Restaurant, Culinary, and Catering Management/Manager	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.
520702	520702	Franchising and Franchise Operations	Franchising and Franchise Operations. A program that prepares individuals to manage and operate franchises. Includes instruction in legal requirements, set-up costs and capitalization requirements, financing, and applications to specific franchise opportunities.
520901	520901	Hospitality Administration/Management, General	Hospitality Administration/Management, General. A program that prepares individuals to serve as general managers and directors of hospitality operations on a system-wide basis, including both travel arrangements and promotion and the provision of traveler facilities. Includes instruction in principles of operations in the travel and tourism, hotel and lodging facilities, food services, and recreation facilities industries; hospitality marketing strategies; hospitality planning; management and coordination of franchise and unit operations; business management; accounting and financial management; hospitality transportation and logistics; and hospitality industry policies and regulations.
520902	520904	Hotel/Motel Administration/Management (NEW)	Hotel/Motel Administration/Management. (NEW) A program that prepares individuals to manage operations and facilities that provide lodging services to the traveling public. Includes instruction in hospitality industry principles; supplies purchasing, storage and control; hotel facilities design and planning; hospitality industry law; personnel management and labor relations; financial management; marketing and sales promotion; convention and event management; front desk operations; and applications to specific types of hotels and motel operations.

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DOT#: **077117010** Title: **DIETITIAN CHIEF**Tsa Lvl: **Moderately**GOE Code: **110502** Spec. Voc. Prep.: **8** Strength: **S** Reasoning: **5** Math: **4** Language: **5**

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
520902	520904	Hotel/Motel Administration/Management (NEW)	Hotel/Motel Administration/Management. (NEW) A program that prepares individuals to manage operations and facilities that provide lodging services to the traveling public. Includes instruction in hospitality industry principles; supplies purchasing, storage and control; hotel facilities design and planning; hospitality industry law; personnel management and labor relations; financial management; marketing and sales promotion; convention and event management; front desk operations; and applications to specific types of hotels and motel operations.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120503	120503	Culinary Arts/Chef Training	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.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120504	120504	Restaurant, Culinary, and Catering Management/Manager	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.
190501	190501	Foods, Nutrition, and Wellness Studies, General	Foods, Nutrition, and Wellness Studies, General. A general program that focuses on the role of foods and nutrition in human health and wellness. Includes instruction in nutritional care and education, the planning and provision of food services, the development of consumable food products, life-span nutrition and wellness, the principles of nutritional assessment, and food safety and food composition.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
190505	190505	Foodservice Systems Administration/Management	Foodservice Systems Administration/Management. A program that focuses on the principles and practices relating to the administration of food service systems in institutional settings, and that prepares individuals to manage such operations in public and private facilities. Includes instruction in human nutrition, food safety, the design and organization of food service systems, purchasing, personnel management, and related business practices.
200401	120508	Institutional Food Workers (NEW)	Institutional Food Workers. (NEW) A program that prepares individuals in production and service used in governmental, commercial or independently owned institutional food establishments and related food industry occupations. Includes instruction in selecting, storing, preparing, and serving food and food products; basic nutrition; sanitation, and food safety; the use and care of commercial equipment; serving techniques; and the operation of institutional food establishments.
200409	190505	Foodservice Systems Administration/Management	Foodservice Systems Administration/Management. A program that focuses on the principles and practices relating to the administration of food service systems in institutional settings, and that prepares individuals to manage such operations in public and private facilities. Includes instruction in human nutrition, food safety, the design and organization of food service systems, purchasing, personnel management, and related business practices.
520902	520904	Hotel/Motel Administration/Management (NEW)	Hotel/Motel Administration/Management. (NEW) A program that prepares individuals to manage operations and facilities that provide lodging services to the traveling public. Includes instruction in hospitality industry principles; supplies purchasing, storage and control; hotel facilities design and planning; hospitality industry law; personnel management and labor relations; financial management; marketing and sales promotion; convention and event management; front desk operations; and applications to specific types of hotels and motel operations.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120301	120301	Funeral Service and Mortuary Science, General	Funeral Service and Mortuary Science, General. A program that generally prepares individuals for careers in the funeral service industry and for licensure as funeral service directors or morticians. Includes instruction in the basic elements of mortuary science and the business, counseling, and operational aspects of funeral service.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200601	190699	Housing and Human Environments, Other	Housing and Human Environments, Other. Any instructional program in housing and human environments not listed above.
200605	190699	Housing and Human Environments, Other	Housing and Human Environments, Other. Any instructional program in housing and human environments not listed above.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120402	120402	Barbering/Barber	Barbering/Barber. A program that prepares individuals to shave and trim facial/neck hair and beards, cut and dress hair, fit hairpieces, give facial and scalp massages, apply cosmetic treatments, and to prepare for licensure as professional barbers at various levels. Includes instruction in facial shaving; beard and mustache shaping and trimming; shampooing; hair cutting; hair styles and styling art; facial treatments and massage; chemical applications; hair and scalp anatomy and physiology; hairpiece and toupee fitting; equipment operation; health and safety; customer service; and shop business practices.
120403	120401	Cosmetology/Cosmetologist, General	Cosmetology/Cosmetologist, General. A program that generally prepares individuals to cut, trim, and style scalp, facial, and body hair; apply cosmetic preparations; perform manicures and pedicures; massage the head and extremities; and prepare for practice as licensed cosmetologists in specialized or full-service salons. Includes instruction in hair cutting and styling, manicuring, pedicuring, facial treatments, shampooing, chemical applications, esthetics, shop management, sanitation and safety, customer service, and applicable professional and labor laws and regulations. (Moved from 12.0403)

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
190501	190501	Foods, Nutrition, and Wellness Studies, General	Foods, Nutrition, and Wellness Studies, General. A general program that focuses on the role of foods and nutrition in human health and wellness. Includes instruction in nutritional care and education, the planning and provision of food services, the development of consumable food products, life-span nutrition and wellness, the principles of nutritional assessment, and food safety and food composition.
190505	190505	Foodservice Systems Administration/Management	Foodservice Systems Administration/Management. A program that focuses on the principles and practices relating to the administration of food service systems in institutional settings, and that prepares individuals to manage such operations in public and private facilities. Includes instruction in human nutrition, food safety, the design and organization of food service systems, purchasing, personnel management, and related business practices.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
190501	190501	Foods, Nutrition, and Wellness Studies, General	Foods, Nutrition, and Wellness Studies, General. A general program that focuses on the role of foods and nutrition in human health and wellness. Includes instruction in nutritional care and education, the planning and provision of food services, the development of consumable food products, life-span nutrition and wellness, the principles of nutritional assessment, and food safety and food composition.
190505	190505	Foodservice Systems Administration/Management	Foodservice Systems Administration/Management. A program that focuses on the principles and practices relating to the administration of food service systems in institutional settings, and that prepares individuals to manage such operations in public and private facilities. Includes instruction in human nutrition, food safety, the design and organization of food service systems, purchasing, personnel management, and related business practices.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200401	120508	Institutional Food Workers (NEW)	Institutional Food Workers. (NEW) A program that prepares individuals in production and service used in governmental, commercial or independently owned institutional food establishments and related food industry occupations. Includes instruction in selecting, storing, preparing, and serving food and food products; basic nutrition; sanitation, and food safety; the use and care of commercial equipment; serving techniques; and the operation of institutional food establishments.
200405	120504	Restaurant, Culinary, and Catering Management/Manager	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.
520902	520904	Hotel/Motel Administration/Management (NEW)	Hotel/Motel Administration/Management. (NEW) A program that prepares individuals to manage operations and facilities that provide lodging services to the traveling public. Includes instruction in hospitality industry principles; supplies purchasing, storage and control; hotel facilities design and planning; hospitality industry law; personnel management and labor relations; financial management; marketing and sales promotion; convention and event management; front desk operations; and applications to specific types of hotels and motel operations.
520903	520903	Tourism and Travel Services Management	Tourism and Travel Services Management. A program that prepares individuals to manage travel-related enterprises and related convention and/or tour services. Includes instruction in travel agency management, tour arranging and planning, convention and event planning, travel industry operations and procedures, tourism marketing and promotion strategies, travel counseling, travel industry law, international and domestic operations, and travel and tourism policy.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120504	120504	Restaurant, Culinary, and Catering Management/Manager	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.
120507	120507	Food Service, Waiter/Waitress, and Dining Room Management/Manager	Food Service, Waiter/Waitress, and Dining Room Management/Manager. A program that prepares individuals to serve food to customers in formal or informal settings. Includes instruction in the nutritional, sensory, and functional properties of food and its ingredients; food services principles; table and counter services; dining room operations and procedures; service personnel supervision and management; communication skills; business math; safety and sanitation.
200401	120508	Institutional Food Workers (NEW)	Institutional Food Workers. (NEW) A program that prepares individuals in production and service used in governmental, commercial or independently owned institutional food establishments and related food industry occupations. Includes instruction in selecting, storing, preparing, and serving food and food products; basic nutrition; sanitation, and food safety; the use and care of commercial equipment; serving techniques; and the operation of institutional food establishments.
200405	120504	Restaurant, Culinary, and Catering Management/Manager	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.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200409	190505	Foodservice Systems Administration/Management	Foodservice Systems Administration/Management. A program that focuses on the principles and practices relating to the administration of food service systems in institutional settings, and that prepares individuals to manage such operations in public and private facilities. Includes instruction in human nutrition, food safety, the design and organization of food service systems, purchasing, personnel management, and related business practices.
520702	520702	Franchising and Franchise Operations	Franchising and Franchise Operations. A program that prepares individuals to manage and operate franchises. Includes instruction in legal requirements, set-up costs and capitalization requirements, financing, and applications to specific franchise opportunities.
520902	520904	Hotel/Motel Administration/Management (NEW)	Hotel/Motel Administration/Management. (NEW) A program that prepares individuals to manage operations and facilities that provide lodging services to the traveling public. Includes instruction in hospitality industry principles; supplies purchasing, storage and control; hotel facilities design and planning; hospitality industry law; personnel management and labor relations; financial management; marketing and sales promotion; convention and event management; front desk operations; and applications to specific types of hotels and motel operations.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120504	120504	Restaurant, Culinary, and Catering Management/Manager	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.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120507	120507	Food Service, Waiter/Waitress, and Dining Room Management/Manager	Food Service, Waiter/Waitress, and Dining Room Management/Manager. A program that prepares individuals to serve food to customers in formal or informal settings. Includes instruction in the nutritional, sensory, and functional properties of food and its ingredients; food services principles; table and counter services; dining room operations and procedures; service personnel supervision and management; communication skills; business math; safety and sanitation.
520902	520904	Hotel/Motel Administration/Management (NEW)	Hotel/Motel Administration/Management. (NEW) A program that prepares individuals to manage operations and facilities that provide lodging services to the traveling public. Includes instruction in hospitality industry principles; supplies purchasing, storage and control; hotel facilities design and planning; hospitality industry law; personnel management and labor relations; financial management; marketing and sales promotion; convention and event management; front desk operations; and applications to specific types of hotels and motel operations.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
080204	521908	Business and Personal/Financial Services Marketing Operations (NEW)	Business and Personal/Financial Services Marketing Operations. (NEW) A program that prepares individuals to perform marketing and operational tasks associated with the provision of personal and financial services. Includes instruction in banking, marketing research, advertising, promotional campaign organization, insurance, media relations, and applicable technical and administrative skills

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
080901	521910	Hospitality and Recreation Marketing Operations (NEW)	Hospitality and Recreation Marketing Operations. (NEW) A program that prepares individuals to provide marketing services in the hospitality and leisure fields. Includes instruction in hospitality operations, customer sales and assistance operations and techniques, telephone operations, basic office management, retail sports, recreation equipment, food and beverage .

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
080903	521910	Hospitality and Recreation Marketing Operations (NEW)	Hospitality and Recreation Marketing Operations. (NEW) A program that prepares individuals to provide marketing services in the hospitality and leisure fields. Includes instruction in hospitality operations, customer sales and assistance operations and techniques, telephone operations, basic office management, retail sports, recreation equipment, food and beverage .
310301	310301	Parks, Recreation and Leisure Facilities Management	Parks, Recreation and Leisure Facilities Management. A program that prepares individuals to develop and manage park facilities and other indoor and outdoor recreation and leisure facilities. Includes instruction in supervising support personnel, health and safety standards, public relations, and basic business and marketing principles.
520901	520901	Hospitality Administration/Management, General	Hospitality Administration/Management, General. A program that prepares individuals to serve as general managers and directors of hospitality operations on a system-wide basis, including both travel arrangements and promotion and the provision of traveler facilities. Includes instruction in principles of operations in the travel and tourism, hotel and lodging facilities, food services, and recreation facilities industries; hospitality marketing strategies; hospitality planning; management and coordination of franchise and unit operations; business management; accounting and financial management; hospitality transportation and logistics; and hospitality industry policies and regulations.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
521501	521501	Real Estate	Real Estate. A program that prepares individuals to develop, buy, sell, appraise, and manage real property. Includes instruction in land use development policy, real estate law, real estate marketing procedures, agency management, brokerage, property inspection and appraisal, real estate investing, leased and rental properties, commercial real estate, and property management.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200301	190905	Apparel and Textile Marketing Management (NEW)	Apparel and Textile Marketing Management. (NEW) A program that focuses on marketing research and management as applied to the products and services of the apparel and textile industries. Includes instruction in applicable principles of textile and apparel design and manufacturing, sales and distribution systems, domestic and international market research, profitability, consumer research, and the design and implementation of marketing campaigns.
200309	190999	Apparel and Textiles, Other (NEW)	Apparel and Textiles, Other. (NEW) Any instructional program in apparel and textiles not listed above.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
190501	190501	Foods, Nutrition, and Wellness Studies, General	Foods, Nutrition, and Wellness Studies, General. A general program that focuses on the role of foods and nutrition in human health and wellness. Includes instruction in nutritional care and education, the planning and provision of food services, the development of consumable food products, life-span nutrition and wellness, the principles of nutritional assessment, and food safety and food composition.
190505	190505	Foodservice Systems Administration/Management	Foodservice Systems Administration/Management. A program that focuses on the principles and practices relating to the administration of food service systems in institutional settings, and that prepares individuals to manage such operations in public and private facilities. Includes instruction in human nutrition, food safety, the design and organization of food service systems, purchasing, personnel management, and related business practices.
200401	120508	Institutional Food Workers (NEW)	Institutional Food Workers. (NEW) A program that prepares individuals in production and service used in governmental, commercial or independently owned institutional food establishments and related food industry occupations. Includes instruction in selecting, storing, preparing, and serving food and food products; basic nutrition; sanitation, and food safety; the use and care of commercial equipment; serving techniques; and the operation of institutional food establishments.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200409	190505	Foodservice Systems Administration/Management	Foodservice Systems Administration/Management. A program that focuses on the principles and practices relating to the administration of food service systems in institutional settings, and that prepares individuals to manage such operations in public and private facilities. Includes instruction in human nutrition, food safety, the design and organization of food service systems, purchasing, personnel management, and related business practices.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120504	120504	Restaurant, Culinary, and Catering Management/Manager	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.
190501	190501	Foods, Nutrition, and Wellness Studies, General	Foods, Nutrition, and Wellness Studies, General. A general program that focuses on the role of foods and nutrition in human health and wellness. Includes instruction in nutritional care and education, the planning and provision of food services, the development of consumable food products, life-span nutrition and wellness, the principles of nutritional assessment, and food safety and food composition.
190505	190505	Foodservice Systems Administration/Management	Foodservice Systems Administration/Management. A program that focuses on the principles and practices relating to the administration of food service systems in institutional settings, and that prepares individuals to manage such operations in public and private facilities. Includes instruction in human nutrition, food safety, the design and organization of food service systems, purchasing, personnel management, and related business practices.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
520901	520901	Hospitality Administration/Management, General	Hospitality Administration/Management, General. A program that prepares individuals to serve as general managers and directors of hospitality operations on a system-wide basis, including both travel arrangements and promotion and the provision of traveler facilities. Includes instruction in principles of operations in the travel and tourism, hotel and lodging facilities, food services, and recreation facilities industries; hospitality marketing strategies; hospitality planning; management and coordination of franchise and unit operations; business management; accounting and financial management; hospitality transportation and logistics; and hospitality industry policies and regulations.
520902	520904	Hotel/Motel Administration/Management (NEW)	Hotel/Motel Administration/Management. (NEW) A program that prepares individuals to manage operations and facilities that provide lodging services to the traveling public. Includes instruction in hospitality industry principles; supplies purchasing, storage and control; hotel facilities design and planning; hospitality industry law; personnel management and labor relations; financial management; marketing and sales promotion; convention and event management; front desk operations; and applications to specific types of hotels and motel operations.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
520401	520401	Administrative Assistant and Secretarial Science, General	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.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
520902	520904	Hotel/Motel Administration/Management (NEW)	Hotel/Motel Administration/Management. (NEW) A program that prepares individuals to manage operations and facilities that provide lodging services to the traveling public. Includes instruction in hospitality industry principles; supplies purchasing, storage and control; hotel facilities design and planning; hospitality industry law; personnel management and labor relations; financial management; marketing and sales promotion; convention and event management; front desk operations; and applications to specific types of hotels and motel operations.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
080901	521910	Hospitality and Recreation Marketing Operations (NEW)	Hospitality and Recreation Marketing Operations. (NEW) A program that prepares individuals to provide marketing services in the hospitality and leisure fields. Includes instruction in hospitality operations, customer sales and assistance operations and techniques, telephone operations, basic office management, retail sports, recreation equipment, food and beverage .
080902	521910	Hospitality and Recreation Marketing Operations (NEW)	Hospitality and Recreation Marketing Operations. (NEW) A program that prepares individuals to provide marketing services in the hospitality and leisure fields. Includes instruction in hospitality operations, customer sales and assistance operations and techniques, telephone operations, basic office management, retail sports, recreation equipment, food and beverage .

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
520401	520401	Administrative Assistant and Secretarial Science, General	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.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
520408	520408	General Office Occupations and Clerical Services	General Office Occupations and Clerical Services. A program that prepares individuals to provide basic administrative support under the supervision of office managers, administrative assistants, secretaries, and other office personnel. Includes instruction in typing, keyboarding, filing, general business correspondence, office equipment operation, and communications skills.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
080706	521804	Selling Skills and Sales Operations	Selling Skills and Sales Operations. A program that prepares individuals to possess the skills associated with direct promotion of products and services to potential customers and to function as independent sales representatives and managers. Includes instruction in consumer psychology, image projection, public speaking and interpersonal communications, sales organization and operations, customer relations, professional standards and ethics, and applicable technical skills. (Moved from 08.0706)
080901	521910	Hospitality and Recreation Marketing Operations (NEW)	Hospitality and Recreation Marketing Operations. (NEW) A program that prepares individuals to provide marketing services in the hospitality and leisure fields. Includes instruction in hospitality operations, customer sales and assistance operations and techniques, telephone operations, basic office management, retail sports, recreation equipment, food and beverage .
080902	521910	Hospitality and Recreation Marketing Operations (NEW)	Hospitality and Recreation Marketing Operations. (NEW) A program that prepares individuals to provide marketing services in the hospitality and leisure fields. Includes instruction in hospitality operations, customer sales and assistance operations and techniques, telephone operations, basic office management, retail sports, recreation equipment, food and beverage .
520902	520904	Hotel/Motel Administration/Management (NEW)	Hotel/Motel Administration/Management. (NEW) A program that prepares individuals to manage operations and facilities that provide lodging services to the traveling public. Includes instruction in hospitality industry principles; supplies purchasing, storage and control; hotel facilities design and planning; hospitality industry law; personnel management and labor relations; financial management; marketing and sales promotion; convention and event management; front desk operations; and applications to specific types of hotels and motel operations.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
080101	521904	Apparel and Accessories Marketing Operations	Apparel and Accessories Marketing Operations. A program that prepares individuals to perform operations connected with the distribution and sale of apparel and accessories. Includes instruction in wholesaling and retailing; apparel technologies; distribution; customer sales and service skills; and principles of consumer research and sales forecasting. (Moved from 08.0101)
080102	521902	Fashion Merchandising	Fashion Merchandising. A program that prepares individualsto promote product lines/brands, and organize promotional campaigns, at the wholesale level to attract retailer interest, wholesale purchasing, and supply contracts. Includes instruction in wholesaling, wholesale advertising, selling, and customer relations. (Moved from 08.0102)
080705	521803	Retailing and Retail Operations	Retailing and Retail Operations. A program that prepares individuals to perform operations associated with retail sales in a variety of settings. Includes instruction in over-the-counter and other direct sales operations in business settings, basic bookkeeping principles, customer service, team/staff leadership and supervision, floor management, and applicable technical skills. (Moved from 08.0705)
080706	521804	Selling Skills and Sales Operations	Selling Skills and Sales Operations. A program that prepares individuals to possess the skills associated with direct promotion of products and services to potential customers and to function as independent sales representatives and managers. Includes instruction in consumer psychology, image projection, public speaking and interpersonal communications, sales organization and operations, customer relations, professional standards and ethics, and applicable technical skills. (Moved from 08.0706)

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
080705	521803	Retailing and Retail Operations	Retailing and Retail Operations. A program that prepares individuals to perform operations associated with retail sales in a variety of settings. Includes instruction in over-the-counter and other direct sales operations in business settings, basic bookkeeping principles, customer service, team/staff leadership and supervision, floor management, and applicable technical skills. (Moved from 08.0705)

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DOT#: **077117010** Title: **DIETITIAN CHIEF**Tsa Lvl: **Moderately**GOE Code: **110502** Spec. Voc. Prep.: **8** Strength: **S** Reasoning: **5** Math: **4** Language: **5**

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
080706	521804	Selling Skills and Sales Operations	Selling Skills and Sales Operations. A program that prepares individuals to possess the skills associated with direct promotion of products and services to potential customers and to function as independent sales representatives and managers. Includes instruction in consumer psychology, image projection, public speaking and interpersonal communications, sales organization and operations, customer relations, professional standards and ethics, and applicable technical skills. (Moved from 08.0706)
120301	120301	Funeral Service and Mortuary Science, General	Funeral Service and Mortuary Science, General. A program that generally prepares individuals for careers in the funeral service industry and for licensure as funeral service directors or morticians. Includes instruction in the basic elements of mortuary science and the business, counseling, and operational aspects of funeral service.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
520201	520201	Business Administration and Management, General	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.
520203	520203	Logistics and Materials Management	Logistics and Materials Management. A program that prepares individuals to manage and coordinate all logistical functions in an enterprise, ranging from acquisitions to receiving and handling, through internal allocation of resources to operations units, to the handling and delivery of output. Includes instruction in acquisitions and purchasing, inventory control, storage and handling, just-in-time manufacturing, logistics planning, shipping and delivery management, transportation, quality control, resource estimation and allocation, and budgeting.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
080204	521908	Business and Personal/Financial Services Marketing Operations (NEW)	Business and Personal/Financial Services Marketing Operations. (NEW) A program that prepares individuals to perform marketing and operational tasks associated with the provision of personal and financial services. Includes instruction in banking, marketing research, advertising, promotional campaign organization, insurance, media relations, and applicable technical and administrative skills
080706	521804	Selling Skills and Sales Operations	Selling Skills and Sales Operations. A program that prepares individuals to possess the skills associated with direct promotion of products and services to potential customers and to function as independent sales representatives and managers. Includes instruction in consumer psychology, image projection, public speaking and interpersonal communications, sales organization and operations, customer relations, professional standards and ethics, and applicable technical skills. (Moved from 08.0706)
200301	190905	Apparel and Textile Marketing Management (NEW)	Apparel and Textile Marketing Management. (NEW) A program that focuses on marketing research and management as applied to the products and services of the apparel and textile industries. Includes instruction in applicable principles of textile and apparel design and manufacturing, sales and distribution systems, domestic and international market research, profitability, consumer research, and the design and implementation of marketing campaigns.
200309	190999	Apparel and Textiles, Other (NEW)	Apparel and Textiles, Other. (NEW) Any instructional program in apparel and textiles not listed above.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200601	190699	Housing and Human Environments, Other	Housing and Human Environments, Other. Any instructional program in housing and human environments not listed above.
200604	190799	Human Development, Family Studies, and Related Services, Other	Human Development, Family Studies, and Related Services, Other. Any instructional program in human development, family studies, and related services not listed above.
200605	190699	Housing and Human Environments, Other	Housing and Human Environments, Other. Any instructional program in housing and human environments not listed above.
200606	190699	Housing and Human Environments, Other	Housing and Human Environments, Other. Any instructional program in housing and human environments not listed above.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200601	190699	Housing and Human Environments, Other	Housing and Human Environments, Other. Any instructional program in housing and human environments not listed above.
200604	190799	Human Development, Family Studies, and Related Services, Other	Human Development, Family Studies, and Related Services, Other. Any instructional program in human development, family studies, and related services not listed above.
200606	190699	Housing and Human Environments, Other	Housing and Human Environments, Other. Any instructional program in housing and human environments not listed above.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200601	190699	Housing and Human Environments, Other	Housing and Human Environments, Other. Any instructional program in housing and human environments not listed above.
200604	190799	Human Development, Family Studies, and Related Services, Other	Human Development, Family Studies, and Related Services, Other. Any instructional program in human development, family studies, and related services not listed above.
200605	190699	Housing and Human Environments, Other	Housing and Human Environments, Other. Any instructional program in housing and human environments not listed above.
200606	190699	Housing and Human Environments, Other	Housing and Human Environments, Other. Any instructional program in housing and human environments not listed above.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200601	190699	Housing and Human Environments, Other	Housing and Human Environments, Other. Any instructional program in housing and human environments not listed above.
200604	190799	Human Development, Family Studies, and Related Services, Other	Human Development, Family Studies, and Related Services, Other. Any instructional program in human development, family studies, and related services not listed above.
200605	190699	Housing and Human Environments, Other	Housing and Human Environments, Other. Any instructional program in housing and human environments not listed above.
200606	190699	Housing and Human Environments, Other	Housing and Human Environments, Other. Any instructional program in housing and human environments not listed above.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200301	190905	Apparel and Textile Marketing Management (NEW)	Apparel and Textile Marketing Management. (NEW) A program that focuses on marketing research and management as applied to the products and services of the apparel and textile industries. Includes instruction in applicable principles of textile and apparel design and manufacturing, sales and distribution systems, domestic and international market research, profitability, consumer research, and the design and implementation of marketing campaigns.
200601	190699	Housing and Human Environments, Other	Housing and Human Environments, Other. Any instructional program in housing and human environments not listed above.
200602	190702	Adult Development and Aging (NEW)	Adult Development and Aging. (NEW) 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.
200604	190799	Human Development, Family Studies, and Related Services, Other	Human Development, Family Studies, and Related Services, Other. Any instructional program in human development, family studies, and related services not listed above.
200606	190699	Housing and Human Environments, Other	Housing and Human Environments, Other. Any instructional program in housing and human environments not listed above.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120507	120507	Food Service, Waiter/Waitress, and Dining Room Management/Manager	Food Service, Waiter/Waitress, and Dining Room Management/Manager. A program that prepares individuals to serve food to customers in formal or informal settings. Includes instruction in the nutritional, sensory, and functional properties of food and its ingredients; food services principles; table and counter services; dining room operations and procedures; service personnel supervision and management; communication skills; business math; safety and sanitation.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120503	120503	Culinary Arts/Chef Training	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.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120501	120501	Baking and Pastry Arts/Baker/Pastry Chef	Baking and Pastry Arts/Baker/Pastry Chef. A program that prepares individuals to serve as professional bakers and pastry specialists in restaurants or other commercial baking establishments. Includes instruction in bread and pastry making, bread and pastry handling and storage, cake and pastry decorating, baking industry operations, product packaging and marketing operations, and counter display and service.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120505	120505	Food Preparation/Professional Cooking/Kitchen Assistant	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.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120501	120501	Baking and Pastry Arts/Baker/Pastry Chef	Baking and Pastry Arts/Baker/Pastry Chef. A program that prepares individuals to serve as professional bakers and pastry specialists in restaurants or other commercial baking establishments. Includes instruction in bread and pastry making, bread and pastry handling and storage, cake and pastry decorating, baking industry operations, product packaging and marketing operations, and counter display and service.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120503	120503	Culinary Arts/Chef Training	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.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120503	120503	Culinary Arts/Chef Training	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.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120505	120505	Food Preparation/Professional Cooking/Kitchen Assistant	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.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120505	120505	Food Preparation/Professional Cooking/Kitchen Assistant	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.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120506	120506	Meat Cutting/Meat Cutter	Meat Cutting/Meat Cutter. A program that prepares individuals to receive, cut, and package animal meat products in commercial establishments and to function as licensed meat cutters/butchers. Includes instruction in product recognition for beef, veal, lamb, pork, poultry, and fancy and smoked meats; retail and wholesale cutting and specialty cuts; packaging and counter display; shop safety; meat sanitation, storage and rotation; quality control; meat handling laws and regulations; and customer service.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120505	120505	Food Preparation/Professional Cooking/Kitchen Assistant	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.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120505	120505	Food Preparation/Professional Cooking/Kitchen Assistant	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.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
190501	190501	Foods, Nutrition, and Wellness Studies, General	Foods, Nutrition, and Wellness Studies, General. A general program that focuses on the role of foods and nutrition in human health and wellness. Includes instruction in nutritional care and education, the planning and provision of food services, the development of consumable food products, life-span nutrition and wellness, the principles of nutritional assessment, and food safety and food composition.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
190505	190505	Foodservice Systems Administration/Management	Foodservice Systems Administration/Management. A program that focuses on the principles and practices relating to the administration of food service systems in institutional settings, and that prepares individuals to manage such operations in public and private facilities. Includes instruction in human nutrition, food safety, the design and organization of food service systems, purchasing, personnel management, and related business practices.
200401	120508	Institutional Food Workers (NEW)	Institutional Food Workers. (NEW) A program that prepares individuals in production and service used in governmental, commercial or independently owned institutional food establishments and related food industry occupations. Includes instruction in selecting, storing, preparing, and serving food and food products; basic nutrition; sanitation, and food safety; the use and care of commercial equipment; serving techniques; and the operation of institutional food establishments.
200404	513104	Dietitian Assistant	Dietitian Assistant. A program that prepares individuals to assist registered dietitians in planning, preparing and serving meals to individuals with specific dietary needs. Includes instruction in equipment use, food preparation, diet regulations, food handling, safety and sanitary standards and administrative techniques and procedures. (Moved from 20.0404)
200409	190505	Foodservice Systems Administration/Management	Foodservice Systems Administration/Management. A program that focuses on the principles and practices relating to the administration of food service systems in institutional settings, and that prepares individuals to manage such operations in public and private facilities. Includes instruction in human nutrition, food safety, the design and organization of food service systems, purchasing, personnel management, and related business practices.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
190501	190501	Foods, Nutrition, and Wellness Studies, General	Foods, Nutrition, and Wellness Studies, General. A general program that focuses on the role of foods and nutrition in human health and wellness. Includes instruction in nutritional care and education, the planning and provision of food services, the development of consumable food products, life-span nutrition and wellness, the principles of nutritional assessment, and food safety and food composition.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
190505	190505	Foodservice Systems Administration/Management	Foodservice Systems Administration/Management. A program that focuses on the principles and practices relating to the administration of food service systems in institutional settings, and that prepares individuals to manage such operations in public and private facilities. Includes instruction in human nutrition, food safety, the design and organization of food service systems, purchasing, personnel management, and related business practices.
200401	120508	Institutional Food Workers (NEW)	Institutional Food Workers. (NEW) A program that prepares individuals in production and service used in governmental, commercial or independently owned institutional food establishments and related food industry occupations. Includes instruction in selecting, storing, preparing, and serving food and food products; basic nutrition; sanitation, and food safety; the use and care of commercial equipment; serving techniques; and the operation of institutional food establishments.
200405	120504	Restaurant, Culinary, and Catering Management/Manager	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.
200409	190505	Foodservice Systems Administration/Management	Foodservice Systems Administration/Management. A program that focuses on the principles and practices relating to the administration of food service systems in institutional settings, and that prepares individuals to manage such operations in public and private facilities. Includes instruction in human nutrition, food safety, the design and organization of food service systems, purchasing, personnel management, and related business practices.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
190501	190501	Foods, Nutrition, and Wellness Studies, General	Foods, Nutrition, and Wellness Studies, General. A general program that focuses on the role of foods and nutrition in human health and wellness. Includes instruction in nutritional care and education, the planning and provision of food services, the development of consumable food products, life-span nutrition and wellness, the principles of nutritional assessment, and food safety and food composition.
190505	190505	Foodservice Systems Administration/Management	Foodservice Systems Administration/Management. A program that focuses on the principles and practices relating to the administration of food service systems in institutional settings, and that prepares individuals to manage such operations in public and private facilities. Includes instruction in human nutrition, food safety, the design and organization of food service systems, purchasing, personnel management, and related business practices.
200401	120508	Institutional Food Workers (NEW)	Institutional Food Workers. (NEW) A program that prepares individuals in production and service used in governmental, commercial or independently owned institutional food establishments and related food industry occupations. Includes instruction in selecting, storing, preparing, and serving food and food products; basic nutrition; sanitation, and food safety; the use and care of commercial equipment; serving techniques; and the operation of institutional food establishments.
200409	190505	Foodservice Systems Administration/Management	Foodservice Systems Administration/Management. A program that focuses on the principles and practices relating to the administration of food service systems in institutional settings, and that prepares individuals to manage such operations in public and private facilities. Includes instruction in human nutrition, food safety, the design and organization of food service systems, purchasing, personnel management, and related business practices.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
190501	190501	Foods, Nutrition, and Wellness Studies, General	Foods, Nutrition, and Wellness Studies, General. A general program that focuses on the role of foods and nutrition in human health and wellness. Includes instruction in nutritional care and education, the planning and provision of food services, the development of consumable food products, life-span nutrition and wellness, the principles of nutritional assessment, and food safety and food composition.
190505	190505	Foodservice Systems Administration/Management	Foodservice Systems Administration/Management. A program that focuses on the principles and practices relating to the administration of food service systems in institutional settings, and that prepares individuals to manage such operations in public and private facilities. Includes instruction in human nutrition, food safety, the design and organization of food service systems, purchasing, personnel management, and related business practices.
200401	120508	Institutional Food Workers (NEW)	Institutional Food Workers. (NEW) A program that prepares individuals in production and service used in governmental, commercial or independently owned institutional food establishments and related food industry occupations. Includes instruction in selecting, storing, preparing, and serving food and food products; basic nutrition; sanitation, and food safety; the use and care of commercial equipment; serving techniques; and the operation of institutional food establishments.
200405	120504	Restaurant, Culinary, and Catering Management/Manager	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.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200409	190505	Foodservice Systems Administration/Management	Foodservice Systems Administration/Management. A program that focuses on the principles and practices relating to the administration of food service systems in institutional settings, and that prepares individuals to manage such operations in public and private facilities. Includes instruction in human nutrition, food safety, the design and organization of food service systems, purchasing, personnel management, and related business practices.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200401	120508	Institutional Food Workers (NEW)	Institutional Food Workers. (NEW) A program that prepares individuals in production and service used in governmental, commercial or independently owned institutional food establishments and related food industry occupations. Includes instruction in selecting, storing, preparing, and serving food and food products; basic nutrition; sanitation, and food safety; the use and care of commercial equipment; serving techniques; and the operation of institutional food establishments.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200401	120508	Institutional Food Workers (NEW)	Institutional Food Workers. (NEW) A program that prepares individuals in production and service used in governmental, commercial or independently owned institutional food establishments and related food industry occupations. Includes instruction in selecting, storing, preparing, and serving food and food products; basic nutrition; sanitation, and food safety; the use and care of commercial equipment; serving techniques; and the operation of institutional food establishments.
200405	120504	Restaurant, Culinary, and Catering Management/Manager	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.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
520902	520904	Hotel/Motel Administration/Management (NEW)	Hotel/Motel Administration/Management. (NEW) A program that prepares individuals to manage operations and facilities that provide lodging services to the traveling public. Includes instruction in hospitality industry principles; supplies purchasing, storage and control; hotel facilities design and planning; hospitality industry law; personnel management and labor relations; financial management; marketing and sales promotion; convention and event management; front desk operations; and applications to specific types of hotels and motel operations.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200601	190699	Housing and Human Environments, Other	Housing and Human Environments, Other. Any instructional program in housing and human environments not listed above.
200605	190699	Housing and Human Environments, Other	Housing and Human Environments, Other. Any instructional program in housing and human environments not listed above.
520902	520904	Hotel/Motel Administration/Management (NEW)	Hotel/Motel Administration/Management. (NEW) A program that prepares individuals to manage operations and facilities that provide lodging services to the traveling public. Includes instruction in hospitality industry principles; supplies purchasing, storage and control; hotel facilities design and planning; hospitality industry law; personnel management and labor relations; financial management; marketing and sales promotion; convention and event management; front desk operations; and applications to specific types of hotels and motel operations.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120402	120402	Barbering/Barber	Barbering/Barber. A program that prepares individuals to shave and trim facial/neck hair and beards, cut and dress hair, fit hairpieces, give facial and scalp massages, apply cosmetic treatments, and to prepare for licensure as professional barbers at various levels. Includes instruction in facial shaving; beard and mustache shaping and trimming; shampooing; hair cutting; hair styles and styling art; facial treatments and massage; chemical applications; hair and scalp anatomy and physiology; hairpiece and toupee fitting; equipment operation; health and safety; customer service; and shop business practices.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120402	120402	Barbering/Barber	Barbering/Barber. A program that prepares individuals to shave and trim facial/neck hair and beards, cut and dress hair, fit hairpieces, give facial and scalp massages, apply cosmetic treatments, and to prepare for licensure as professional barbers at various levels. Includes instruction in facial shaving; beard and mustache shaping and trimming; shampooing; hair cutting; hair styles and styling art; facial treatments and massage; chemical applications; hair and scalp anatomy and physiology; hairpiece and toupee fitting; equipment operation; health and safety; customer service; and shop business practices.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120403	120401	Cosmetology/Cosmetologist, General	Cosmetology/Cosmetologist, General. A program that generally prepares individuals to cut, trim, and style scalp, facial, and body hair; apply cosmetic preparations; perform manicures and pedicures; massage the head and extremities; and prepare for practice as licensed cosmetologists in specialized or full-service salons. Includes instruction in hair cutting and styling, manicuring, pedicuring, facial treatments, shampooing, chemical applications, esthetics, shop management, sanitation and safety, customer service, and applicable professional and labor laws and regulations. (Moved from 12.0403)

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120403	120401	Cosmetology/Cosmetologist, General	Cosmetology/Cosmetologist, General. A program that generally prepares individuals to cut, trim, and style scalp, facial, and body hair; apply cosmetic preparations; perform manicures and pedicures; massage the head and extremities; and prepare for practice as licensed cosmetologists in specialized or full-service salons. Includes instruction in hair cutting and styling, manicuring, pedicuring, facial treatments, shampooing, chemical applications, esthetics, shop management, sanitation and safety, customer service, and applicable professional and labor laws and regulations. (Moved from 12.0403)

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120403	120401	Cosmetology/Cosmetologist, General	Cosmetology/Cosmetologist, General. A program that generally prepares individuals to cut, trim, and style scalp, facial, and body hair; apply cosmetic preparations; perform manicures and pedicures; massage the head and extremities; and prepare for practice as licensed cosmetologists in specialized or full-service salons. Includes instruction in hair cutting and styling, manicuring, pedicuring, facial treatments, shampooing, chemical applications, esthetics, shop management, sanitation and safety, customer service, and applicable professional and labor laws and regulations. (Moved from 12.0403)

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120403	120401	Cosmetology/Cosmetologist, General	Cosmetology/Cosmetologist, General. A program that generally prepares individuals to cut, trim, and style scalp, facial, and body hair; apply cosmetic preparations; perform manicures and pedicures; massage the head and extremities; and prepare for practice as licensed cosmetologists in specialized or full-service salons. Includes instruction in hair cutting and styling, manicuring, pedicuring, facial treatments, shampooing, chemical applications, esthetics, shop management, sanitation and safety, customer service, and applicable professional and labor laws and regulations. (Moved from 12.0403)

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120402	120402	Barbering/Barber	Barbering/Barber. A program that prepares individuals to shave and trim facial/neck hair and beards, cut and dress hair, fit hairpieces, give facial and scalp massages, apply cosmetic treatments, and to prepare for licensure as professional barbers at various levels. Includes instruction in facial shaving; beard and mustache shaping and trimming; shampooing; hair cutting; hair styles and styling art; facial treatments and massage; chemical applications; hair and scalp anatomy and physiology; hairpiece and toupee fitting; equipment operation; health and safety; customer service; and shop business practices.

TRANSFERABLE OCCUPATIONS
correlated to the
Classification of Instructional Programs (CIP) 2000

DOT#: **077117010** Title: **DIETITIAN CHIEF**Tsa Lvl: **Moderately**GOE Code: **110502** Spec. Voc. Prep.: **8** Strength: **S** Reasoning: **5** Math: **4** Language: **5**

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120403	120401	Cosmetology/Cosmetologist, General	Cosmetology/Cosmetologist, General. A program that generally prepares individuals to cut, trim, and style scalp, facial, and body hair; apply cosmetic preparations; perform manicures and pedicures; massage the head and extremities; and prepare for practice as licensed cosmetologists in specialized or full-service salons. Includes instruction in hair cutting and styling, manicuring, pedicuring, facial treatments, shampooing, chemical applications, esthetics, shop management, sanitation and safety, customer service, and applicable professional and labor laws and regulations. (Moved from 12.0403)

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120403	120401	Cosmetology/Cosmetologist, General	Cosmetology/Cosmetologist, General. A program that generally prepares individuals to cut, trim, and style scalp, facial, and body hair; apply cosmetic preparations; perform manicures and pedicures; massage the head and extremities; and prepare for practice as licensed cosmetologists in specialized or full-service salons. Includes instruction in hair cutting and styling, manicuring, pedicuring, facial treatments, shampooing, chemical applications, esthetics, shop management, sanitation and safety, customer service, and applicable professional and labor laws and regulations. (Moved from 12.0403)

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120403	120401	Cosmetology/Cosmetologist, General	Cosmetology/Cosmetologist, General. A program that generally prepares individuals to cut, trim, and style scalp, facial, and body hair; apply cosmetic preparations; perform manicures and pedicures; massage the head and extremities; and prepare for practice as licensed cosmetologists in specialized or full-service salons. Includes instruction in hair cutting and styling, manicuring, pedicuring, facial treatments, shampooing, chemical applications, esthetics, shop management, sanitation and safety, customer service, and applicable professional and labor laws and regulations. (Moved from 12.0403)

TRANSFERABLE OCCUPATIONS
correlated to the
Classification of Instructional Programs (CIP) 2000

DOT#: **077117010** Title: **DIETITIAN CHIEF**Tsa Lvl: **Moderately**GOE Code: **110502** Spec. Voc. Prep.: **8** Strength: **S** Reasoning: **5** Math: **4** Language: **5**

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120406	120406	Make-Up Artist/Specialist	Make-Up Artist/Specialist. A program that prepares individuals to professionally apply cosmetic makeup preparations and perform complete and specialized appearance makeovers including hairdressing, wig work, masking, temporary prosthesis applications, cosmetic applications, and related costuming for leisure or for professional stage, camera, clinical, or security purposes. Includes instruction in period and contemporary hairstyling and costuming; wig work and hairpiece application; synthetic hair and masks; cosmetic preparations and treatments; makeup artistry; attachment, removal, and camouflaging of prostheses; health and safety; client consultation and care; pre- and post-production operations; set and crew conduct and relations; script, instruction, and prescription interpretation; labor relations; and business practices.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120403	120401	Cosmetology/Cosmetologist, General	Cosmetology/Cosmetologist, General. A program that generally prepares individuals to cut, trim, and style scalp, facial, and body hair; apply cosmetic preparations; perform manicures and pedicures; massage the head and extremities; and prepare for practice as licensed cosmetologists in specialized or full-service salons. Includes instruction in hair cutting and styling, manicuring, pedicuring, facial treatments, shampooing, chemical applications, esthetics, shop management, sanitation and safety, customer service, and applicable professional and labor laws and regulations. (Moved from 12.0403)

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correlated to the
Classification of Instructional Programs (CIP) 2000

DOT#: **077117010** Title: **DIETITIAN CHIEF**Tsa Lvl: **Moderately**GOE Code: **110502** Spec. Voc. Prep.: **8** Strength: **S** Reasoning: **5** Math: **4** Language: **5**

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120406	120406	Make-Up Artist/Specialist	Make-Up Artist/Specialist. A program that prepares individuals to professionally apply cosmetic makeup preparations and perform complete and specialized appearance makeovers including hairdressing, wig work, masking, temporary prosthesis applications, cosmetic applications, and related costuming for leisure or for professional stage, camera, clinical, or security purposes. Includes instruction in period and contemporary hairstyling and costuming; wig work and hairpiece application; synthetic hair and masks; cosmetic preparations and treatments; makeup artistry; attachment, removal, and camouflaging of prostheses; health and safety; client consultation and care; pre- and post-production operations; set and crew conduct and relations; script, instruction, and prescription interpretation; labor relations; and business practices.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
310101	310101	Parks, Recreation and Leisure Studies	Parks, Recreation and Leisure Studies. A program that focuses on the principles underlying recreational and leisure activities, and the practices involved in providing indoor and outdoor recreational facilities and services for the general public.
310301	310301	Parks, Recreation and Leisure Facilities Management	Parks, Recreation and Leisure Facilities Management. A program that prepares individuals to develop and manage park facilities and other indoor and outdoor recreation and leisure facilities. Includes instruction in supervising support personnel, health and safety standards, public relations, and basic business and marketing principles.
310501	310501	Health and Physical Education, General	Health and Physical Education, General. A general program that focuses on activities and principles that promote physical fitness, achieve and maintain athletic prowess, and accomplish related research and service goals. Includes instruction in human movement studies, motivation studies, rules and practice of specific sports, exercise and fitness principles and techniques, basic athletic injury prevention and treatment, and organizing and leading fitness and sports programs.

TRANSFERABLE OCCUPATIONS
correlated to the
Classification of Instructional Programs (CIP) 2000

DOT#: **077117010** Title: **DIETITIAN CHIEF**Tsa Lvl: **Moderately**GOE Code: **110502** Spec. Voc. Prep.: **8** Strength: **S** Reasoning: **5** Math: **4** Language: **5**

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
310504	310504	Sport and Fitness Administration/Management	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.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120404	120404	Electrolysis/Electrology and Electrolysis Technician	Electrolysis/Electrology and Electrolysis Technician. A program that prepares individuals to permanently remove hair from the human scalp, face, and body using specialized charged solid needle probes, and to function as licensed electrologists and electrolysis technicians. Includes instruction in direct current electrolysis, alternating current/high frequency thermolysis, blend/dual modality treatments, equipment theory and operation, safety and sanitation, client evaluation and care, laws and regulations, and business practices.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120403	120401	Cosmetology/Cosmetologist, General	Cosmetology/Cosmetologist, General. A program that generally prepares individuals to cut, trim, and style scalp, facial, and body hair; apply cosmetic preparations; perform manicures and pedicures; massage the head and extremities; and prepare for practice as licensed cosmetologists in specialized or full-service salons. Includes instruction in hair cutting and styling, manicuring, pedicuring, facial treatments, shampooing, chemical applications, esthetics, shop management, sanitation and safety, customer service, and applicable professional and labor laws and regulations. (Moved from 12.0403)

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120203	129999	Personal and Culinary Services, Other	Personal and Culinary Services, Other. Any instructional program in personal and culinary services not listed above.

TRANSFERABLE OCCUPATIONS
correlated to the
Classification of Instructional Programs (CIP) 2000

DOT#: **077117010** Title: **DIETITIAN CHIEF**Tsa Lvl: **Moderately**GOE Code: **110502** Spec. Voc. Prep.: **8** Strength: **S** Reasoning: **5** Math: **4** Language: **5**

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200301	190905	Apparel and Textile Marketing Management (NEW)	Apparel and Textile Marketing Management. (NEW) A program that focuses on marketing research and management as applied to the products and services of the apparel and textile industries. Includes instruction in applicable principles of textile and apparel design and manufacturing, sales and distribution systems, domestic and international market research, profitability, consumer research, and the design and implementation of marketing campaigns.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200401	120508	Institutional Food Workers (NEW)	Institutional Food Workers. (NEW) A program that prepares individuals in production and service used in governmental, commercial or independently owned institutional food establishments and related food industry occupations. Includes instruction in selecting, storing, preparing, and serving food and food products; basic nutrition; sanitation, and food safety; the use and care of commercial equipment; serving techniques; and the operation of institutional food establishments.
200409	190505	Foodservice Systems Administration/Management	Foodservice Systems Administration/Management. A program that focuses on the principles and practices relating to the administration of food service systems in institutional settings, and that prepares individuals to manage such operations in public and private facilities. Includes instruction in human nutrition, food safety, the design and organization of food service systems, purchasing, personnel management, and related business practices.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200601	190699	Housing and Human Environments, Other	Housing and Human Environments, Other. Any instructional program in housing and human environments not listed above.
200605	190699	Housing and Human Environments, Other	Housing and Human Environments, Other. Any instructional program in housing and human environments not listed above.

TRANSFERABLE OCCUPATIONS
correlated to the
Classification of Instructional Programs (CIP) 2000

DOT#: **077117010** Title: **DIETITIAN CHIEF**Tsa Lvl: **Moderately**GOE Code: **110502** Spec. Voc. Prep.: **8** Strength: **S** Reasoning: **5** Math: **4** Language: **5**

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
081104	521906	Tourism Promotion Operations	Tourism Promotion Operations. A program that prepares individuals to perform marketing and sales operations connected with the promotion of tourism in public and private sector settings. Includes instruction in principles of marketing research and advertising, promotional campaign organization, media relations, and applicable technical and administrative skills. (Moved from 08.1104)

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
081104	521906	Tourism Promotion Operations	Tourism Promotion Operations. A program that prepares individuals to perform marketing and sales operations connected with the promotion of tourism in public and private sector settings. Includes instruction in principles of marketing research and advertising, promotional campaign organization, media relations, and applicable technical and administrative skills. (Moved from 08.1104)
310101	310101	Parks, Recreation and Leisure Studies	Parks, Recreation and Leisure Studies. A program that focuses on the principles underlying recreational and leisure activities, and the practices involved in providing indoor and outdoor recreational facilities and services for the general public.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
190501	190501	Foods, Nutrition, and Wellness Studies, General	Foods, Nutrition, and Wellness Studies, General. A general program that focuses on the role of foods and nutrition in human health and wellness. Includes instruction in nutritional care and education, the planning and provision of food services, the development of consumable food products, life-span nutrition and wellness, the principles of nutritional assessment, and food safety and food composition.

TRANSFERABLE OCCUPATIONS
correlated to the
Classification of Instructional Programs (CIP) 2000

DOT#: **077117010** Title: **DIETITIAN CHIEF**Tsa Lvl: **Moderately**GOE Code: **110502** Spec. Voc. Prep.: **8** Strength: **S** Reasoning: **5** Math: **4** Language: **5**

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
190503	513101	Dietetics/Dietitian (RD)	Dietetics/Dietitian (RD). A program that prepares individuals to integrate and apply the principles of the food and nutrition sciences, human behavior, and the biomedical sciences to design and manage effective nutrition programs in a variety of settings. Includes instruction in human nutrition; nutrient metabolism; the role of foods and nutrition in health promotion and disease prevention; planning and directing food service activities; diet and nutrition analysis and planning; supervision of food storage and preparation; client education; and professional standards and regulations. (Moved from 51.2702)
200401	120508	Institutional Food Workers (NEW)	Institutional Food Workers. (NEW) A program that prepares individuals in production and service used in governmental, commercial or independently owned institutional food establishments and related food industry occupations. Includes instruction in selecting, storing, preparing, and serving food and food products; basic nutrition; sanitation, and food safety; the use and care of commercial equipment; serving techniques; and the operation of institutional food establishments.
200404	513104	Dietitian Assistant	Dietitian Assistant. A program that prepares individuals to assist registered dietitians in planning, preparing and serving meals to individuals with specific dietary needs. Includes instruction in equipment use, food preparation, diet regulations, food handling, safety and sanitary standards and administrative techniques and procedures. (Moved from 20.0404)

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200201	190708	Child Care and Support Services Management (NEW)	Child Care and Support Services Management. (NEW) A program that focuses on the provision and management of child care services and that prepares individuals to plan, design, and manage child care facilities and programs that meet children's developmental needs and interests and that provide safe and healthy environments. Includes instruction in child development and psychology; home- and institution- based child care; identification of diseases, injuries, and psychological trauma and applicable referrals; parent relations; personnel and business management principles; and related laws and policies.

TRANSFERABLE OCCUPATIONS
correlated to the
Classification of Instructional Programs (CIP) 2000

DOT#: **077117010** Title: **DIETITIAN CHIEF**Tsa Lvl: **Moderately**GOE Code: **110502** Spec. Voc. Prep.: **8** Strength: **S** Reasoning: **5** Math: **4** Language: **5**

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200202	190709	Child Care Provider/Assistant	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. (Moved from 20.0202)
200601	190699	Housing and Human Environments, Other	Housing and Human Environments, Other. Any instructional program in housing and human environments not listed above.
200602	190702	Adult Development and Aging (NEW)	Adult Development and Aging. (NEW) 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.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200301	190905	Apparel and Textile Marketing Management (NEW)	Apparel and Textile Marketing Management. (NEW) A program that focuses on marketing research and management as applied to the products and services of the apparel and textile industries. Includes instruction in applicable principles of textile and apparel design and manufacturing, sales and distribution systems, domestic and international market research, profitability, consumer research, and the design and implementation of marketing campaigns.
200309	190999	Apparel and Textiles, Other (NEW)	Apparel and Textiles, Other. (NEW) Any instructional program in apparel and textiles not listed above.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200301	190905	Apparel and Textile Marketing Management (NEW)	Apparel and Textile Marketing Management. (NEW) A program that focuses on marketing research and management as applied to the products and services of the apparel and textile industries. Includes instruction in applicable principles of textile and apparel design and manufacturing, sales and distribution systems, domestic and international market research, profitability, consumer research, and the design and implementation of marketing campaigns.

TRANSFERABLE OCCUPATIONS
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Classification of Instructional Programs (CIP) 2000

DOT#: **077117010** Title: **DIETITIAN CHIEF**Tsa Lvl: **Moderately**GOE Code: **110502** Spec. Voc. Prep.: **8** Strength: **S** Reasoning: **5** Math: **4** Language: **5**

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
430109	430109	Security and Loss Prevention Services	Security and Loss Prevention Services. A program that prepares individuals to perform routine inspection, patrol and crime prevention services for private clients. Includes instruction in the provision of personal protection as well as property security.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
430109	430109	Security and Loss Prevention Services	Security and Loss Prevention Services. A program that prepares individuals to perform routine inspection, patrol and crime prevention services for private clients. Includes instruction in the provision of personal protection as well as property security.

DOT#: **045107018** Title: **DIRECTOR OF COUNSELING**Tsa Lvl: **Work Field**GOE Code: **100102** Spec. Voc. Prep.: **8** Strength: **S** Reasoning: **5** Math: **5** Language: **5**

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
131101	131101	Counselor Education/School Counseling and Guidance Services	Counselor Education/School Counseling and Guidance Services. A program that prepares individuals to apply the theory and principles of guidance and counseling to the provision of support for the personal, social, educational, and vocational development of students, and the organizing of guidance services within elementary, middle and secondary educational institutions. Includes instruction in legal and professional requirements, therapeutic counselor intervention, vocational counseling, and related sociological and psychological foundations.
131102	131102	College Student Counseling and Personnel Services	College Student Counseling and Personnel Services. A program that focuses on the organization and provision of counseling, referral, assistance and administrative services to students in postsecondary educational institutions and adult education facilities, and that may prepare individuals to function as professional counselors in such settings. Includes instruction in applicable laws and policies, residential counseling and services, vocational counseling and placement services, remedial skills counseling, and therapeutic counselor intervention.

TRANSFERABLE OCCUPATIONS
correlated to the
Classification of Instructional Programs (CIP) 2000

DOT#: **045107018** Title: **DIRECTOR OF COUNSELING**Tsa Lvl: **Work Field**GOE Code: **100102** Spec. Voc. Prep.: **8** Strength: **S** Reasoning: **5** Math: **5** Language: **5**

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
510805	510805	Pharmacy Technician/Assistant	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.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
130101	130101	Education, General	Education, General. A program that focuses on the general theory and practice of learning and teaching; the basic principles of educational psychology; the art of teaching; the planning and administration of educational activities; school safety and health issues; and the social foundations of education.
200201	190708	Child Care and Support Services Management (NEW)	Child Care and Support Services Management. (NEW) A program that focuses on the provision and management of child care services and that prepares individuals to plan, design, and manage child care facilities and programs that meet children's developmental needs and interests and that provide safe and healthy environments. Includes instruction in child development and psychology; home- and institution-based child care; identification of diseases, injuries, and psychological trauma and applicable referrals; parent relations; personnel and business management principles; and related laws and policies.
200202	190709	Child Care Provider/Assistant	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. (Moved from 20.0202)

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DOT#: **045107018** Title: **DIRECTOR OF COUNSELING**Tsa Lvl: **Work Field**GOE Code: **100102** Spec. Voc. Prep.: **8** Strength: **S** Reasoning: **5** Math: **5** Language: **5**

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
520201	520201	Business Administration and Management, General	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.
520205	520205	Operations Management and Supervision	Operations Management and Supervision. A program that prepares individuals to manage and direct the physical and/or technical functions of a firm or organization, particularly those relating to development, production, and manufacturing. Includes instruction in principles of general management, manufacturing and production systems, plant management, equipment maintenance management, production control, industrial labor relations and skilled trades supervision, strategic manufacturing policy, systems analysis, productivity analysis and cost control, and materials planning.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200201	190708	Child Care and Support Services Management (NEW)	Child Care and Support Services Management. (NEW) A program that focuses on the provision and management of child care services and that prepares individuals to plan, design, and manage child care facilities and programs that meet children's developmental needs and interests and that provide safe and healthy environments. Includes instruction in child development and psychology; home- and institution- based child care; identification of diseases, injuries, and psychological trauma and applicable referrals; parent relations; personnel and business management principles; and related laws and policies.
200202	190709	Child Care Provider/Assistant	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. (Moved from 20.0202)

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Classification of Instructional Programs (CIP) 2000

DOT#: **045107018** Title: **DIRECTOR OF COUNSELING**Tsa Lvl: **Work Field**GOE Code: **100102** Spec. Voc. Prep.: **8** Strength: **S** Reasoning: **5** Math: **5** Language: **5**

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200203	190708	Child Care and Support Services Management (NEW)	Child Care and Support Services Management. (NEW) A program that focuses on the provision and management of child care services and that prepares individuals to plan, design, and manage child care facilities and programs that meet children's developmental needs and interests and that provide safe and healthy environments. Includes instruction in child development and psychology; home- and institution- based child care; identification of diseases, injuries, and psychological trauma and applicable referrals; parent relations; personnel and business management principles; and related laws and policies.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
080901	521910	Hospitality and Recreation Marketing Operations (NEW)	Hospitality and Recreation Marketing Operations. (NEW) A program that prepares individuals to provide marketing services in the hospitality and leisure fields. Includes instruction in hospitality operations, customer sales and assistance operations and techniques, telephone operations, basic office management, retail sports, recreation equipment, food and beverage .
080903	521910	Hospitality and Recreation Marketing Operations (NEW)	Hospitality and Recreation Marketing Operations. (NEW) A program that prepares individuals to provide marketing services in the hospitality and leisure fields. Includes instruction in hospitality operations, customer sales and assistance operations and techniques, telephone operations, basic office management, retail sports, recreation equipment, food and beverage .

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200201	190708	Child Care and Support Services Management (NEW)	Child Care and Support Services Management. (NEW) A program that focuses on the provision and management of child care services and that prepares individuals to plan, design, and manage child care facilities and programs that meet children's developmental needs and interests and that provide safe and healthy environments. Includes instruction in child development and psychology; home- and institution- based child care; identification of diseases, injuries, and psychological trauma and applicable referrals; parent relations; personnel and business management principles; and related laws and policies.

TRANSFERABLE OCCUPATIONS
correlated to the
Classification of Instructional Programs (CIP) 2000

DOT#: **045107018** Title: **DIRECTOR OF COUNSELING**Tsa Lvl: **Work Field**GOE Code: **100102** Spec. Voc. Prep.: **8** Strength: **S** Reasoning: **5** Math: **5** Language: **5**

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200202	190709	Child Care Provider/Assistant	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. (Moved from 20.0202)

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200601	190699	Housing and Human Environments, Other	Housing and Human Environments, Other. Any instructional program in housing and human environments not listed above.
200606	190699	Housing and Human Environments, Other	Housing and Human Environments, Other. Any instructional program in housing and human environments not listed above.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
081104	521906	Tourism Promotion Operations	Tourism Promotion Operations. A program that prepares individuals to perform marketing and sales operations connected with the promotion of tourism in public and private sector settings. Includes instruction in principles of marketing research and advertising, promotional campaign organization, media relations, and applicable technical and administrative skills. (Moved from 08.1104)
081105	521905	Tourism and Travel Services Marketing Operations (NEW)	Tourism and Travel Services Marketing Operations. (NEW) A program that prepares individuals to provide direct retail services to hotel and motel clients and customers in a variety of settings. Includes instruction in the principles of hotel/motel operations, customer sales and assistance operations and techniques, telephone operations, and basic office management.
520201	520201	Business Administration and Management, General	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.

TRANSFERABLE OCCUPATIONS
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DOT#: **045107018** Title: **DIRECTOR OF COUNSELING**Tsa Lvl: **Work Field**GOE Code: **100102** Spec. Voc. Prep.: **8** Strength: **S** Reasoning: **5** Math: **5** Language: **5**

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
520204	520204	Office Management and Supervision	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.
520903	520903	Tourism and Travel Services Management	Tourism and Travel Services Management. A program that prepares individuals to manage travel-related enterprises and related convention and/or tour services. Includes instruction in travel agency management, tour arranging and planning, convention and event planning, travel industry operations and procedures, tourism marketing and promotion strategies, travel counseling, travel industry law, international and domestic operations, and travel and tourism policy.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
520401	520401	Administrative Assistant and Secretarial Science, General	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.
520406	520406	Receptionist	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.

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DOT#: **045107018** Title: **DIRECTOR OF COUNSELING**Tsa Lvl: **Work Field**GOE Code: **100102** Spec. Voc. Prep.: **8** Strength: **S** Reasoning: **5** Math: **5** Language: **5**

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
081104	521906	Tourism Promotion Operations	Tourism Promotion Operations. A program that prepares individuals to perform marketing and sales operations connected with the promotion of tourism in public and private sector settings. Includes instruction in principles of marketing research and advertising, promotional campaign organization, media relations, and applicable technical and administrative skills. (Moved from 08.1104)

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
081105	521905	Tourism and Travel Services Marketing Operations (NEW)	Tourism and Travel Services Marketing Operations. (NEW) A program that prepares individuals to provide direct retail services to hotel and motel clients and customers in a variety of settings. Includes instruction in the principles of hotel/motel operations, customer sales and assistance operations and techniques, telephone operations, and basic office management.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
081104	521906	Tourism Promotion Operations	Tourism Promotion Operations. A program that prepares individuals to perform marketing and sales operations connected with the promotion of tourism in public and private sector settings. Includes instruction in principles of marketing research and advertising, promotional campaign organization, media relations, and applicable technical and administrative skills. (Moved from 08.1104)

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
081105	521905	Tourism and Travel Services Marketing Operations (NEW)	Tourism and Travel Services Marketing Operations. (NEW) A program that prepares individuals to provide direct retail services to hotel and motel clients and customers in a variety of settings. Includes instruction in the principles of hotel/motel operations, customer sales and assistance operations and techniques, telephone operations, and basic office management.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
081105	521905	Tourism and Travel Services Marketing Operations (NEW)	Tourism and Travel Services Marketing Operations. (NEW) A program that prepares individuals to provide direct retail services to hotel and motel clients and customers in a variety of settings. Includes instruction in the principles of hotel/motel operations, customer sales and assistance operations and techniques, telephone operations, and basic office management.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
081104	521906	Tourism Promotion Operations	Tourism Promotion Operations. A program that prepares individuals to perform marketing and sales operations connected with the promotion of tourism in public and private sector settings. Includes instruction in principles of marketing research and advertising, promotional campaign organization, media relations, and applicable technical and administrative skills. (Moved from 08.1104)

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
080101	521904	Apparel and Accessories Marketing Operations	Apparel and Accessories Marketing Operations. A program that prepares individuals to perform operations connected with the distribution and sale of apparel and accessories. Includes instruction in wholesaling and retailing; apparel technologies; distribution; customer sales and service skills; and principles of consumer research and sales forecasting. (Moved from 08.0101)
080705	521803	Retailing and Retail Operations	Retailing and Retail Operations. A program that prepares individuals to perform operations associated with retail sales in a variety of settings. Includes instruction in over-the-counter and other direct sales operations in business settings, basic bookkeeping principles, customer service, team/staff leadership and supervision, floor management, and applicable technical skills. (Moved from 08.0705)
080706	521804	Selling Skills and Sales Operations	Selling Skills and Sales Operations. A program that prepares individuals to possess the skills associated with direct promotion of products and services to potential customers and to function as independent sales representatives and managers. Includes instruction in consumer psychology, image projection, public speaking and interpersonal communications, sales organization and operations, customer relations, professional standards and ethics, and applicable technical skills. (Moved from 08.0706)
200301	190905	Apparel and Textile Marketing Management (NEW)	Apparel and Textile Marketing Management. (NEW) A program that focuses on marketing research and management as applied to the products and services of the apparel and textile industries. Includes instruction in applicable principles of textile and apparel design and manufacturing, sales and distribution systems, domestic and international market research, profitability, consumer research, and the design and implementation of marketing campaigns.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200306	190906	Fashion and Fabric Consultant	Fashion and Fabric Consultant. A program that prepares individuals to assist in apparel and fashion selection, style coordination, customer sales and consulting, fabric selection, clothing specifications, and contract buying activities. Includes instruction in supplying regular clothing needs or acting as a consultant for special events such as weddings. (Moved from 20.0306)
200601	190699	Housing and Human Environments, Other	Housing and Human Environments, Other. Any instructional program in housing and human environments not listed above.
200606	190699	Housing and Human Environments, Other	Housing and Human Environments, Other. Any instructional program in housing and human environments not listed above.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
080706	521804	Selling Skills and Sales Operations	Selling Skills and Sales Operations. A program that prepares individuals to possess the skills associated with direct promotion of products and services to potential customers and to function as independent sales representatives and managers. Includes instruction in consumer psychology, image projection, public speaking and interpersonal communications, sales organization and operations, customer relations, professional standards and ethics, and applicable technical skills. (Moved from 08.0706)

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200601	190699	Housing and Human Environments, Other	Housing and Human Environments, Other. Any instructional program in housing and human environments not listed above.
200602	190702	Adult Development and Aging (NEW)	Adult Development and Aging. (NEW) 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.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120203	129999	Personal and Culinary Services, Other	Personal and Culinary Services, Other. Any instructional program in personal and culinary services not listed above.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120203	129999	Personal and Culinary Services, Other	Personal and Culinary Services, Other. Any instructional program in personal and culinary services not listed above.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
310301	310301	Parks, Recreation and Leisure Facilities Management	Parks, Recreation and Leisure Facilities Management. A program that prepares individuals to develop and manage park facilities and other indoor and outdoor recreation and leisure facilities. Includes instruction in supervising support personnel, health and safety standards, public relations, and basic business and marketing principles.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
080901	521910	Hospitality and Recreation Marketing Operations (NEW)	Hospitality and Recreation Marketing Operations. (NEW) A program that prepares individuals to provide marketing services in the hospitality and leisure fields. Includes instruction in hospitality operations, customer sales and assistance operations and techniques, telephone operations, basic office management, retail sports, recreation equipment, food and beverage .

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
080903	521910	Hospitality and Recreation Marketing Operations (NEW)	Hospitality and Recreation Marketing Operations. (NEW) A program that prepares individuals to provide marketing services in the hospitality and leisure fields. Includes instruction in hospitality operations, customer sales and assistance operations and techniques, telephone operations, basic office management, retail sports, recreation equipment, food and beverage .
081105	521905	Tourism and Travel Services Marketing Operations (NEW)	Tourism and Travel Services Marketing Operations. (NEW) A program that prepares individuals to provide direct retail services to hotel and motel clients and customers in a variety of settings. Includes instruction in the principles of hotel/motel operations, customer sales and assistance operations and techniques, telephone operations, and basic office management.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
520901	520901	Hospitality Administration/Management, General	Hospitality Administration/Management, General. A program that prepares individuals to serve as general managers and directors of hospitality operations on a system-wide basis, including both travel arrangements and promotion and the provision of traveler facilities. Includes instruction in principles of operations in the travel and tourism, hotel and lodging facilities, food services, and recreation facilities industries; hospitality marketing strategies; hospitality planning; management and coordination of franchise and unit operations; business management; accounting and financial management; hospitality transportation and logistics; and hospitality industry policies and regulations.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
490205	490205	Truck and Bus Driver/Commercial Vehicle Operation	Truck and Bus Driver/Commercial Vehicle Operation. 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. 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.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200201	190708	Child Care and Support Services Management (NEW)	Child Care and Support Services Management. (NEW) A program that focuses on the provision and management of child care services and that prepares individuals to plan, design, and manage child care facilities and programs that meet children's developmental needs and interests and that provide safe and healthy environments. Includes instruction in child development and psychology; home- and institution- based child care; identification of diseases, injuries, and psychological trauma and applicable referrals; parent relations; personnel and business management principles; and related laws and policies.
200202	190709	Child Care Provider/Assistant	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. (Moved from 20.0202)

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200201	190708	Child Care and Support Services Management (NEW)	Child Care and Support Services Management. (NEW) A program that focuses on the provision and management of child care services and that prepares individuals to plan, design, and manage child care facilities and programs that meet children's developmental needs and interests and that provide safe and healthy environments. Includes instruction in child development and psychology; home- and institution- based child care; identification of diseases, injuries, and psychological trauma and applicable referrals; parent relations; personnel and business management principles; and related laws and policies.
200202	190709	Child Care Provider/Assistant	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. (Moved from 20.0202)

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
430107	430107	Criminal Justice/Police Science	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.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
010301	010301	Agricultural Production Operations, General	Agricultural Production Operations, General. A program that focuses on the general planning, economics, and use of facilities, natural resources, equipment, labor, and capital to produce plant and animal products, and that may prepare individuals for work in farming, ranching, and agribusiness.
010302	010302	Animal/Livestock Husbandry and Production	Animal/Livestock Husbandry and Production. A program that prepares individuals to select, breed, care for, process, and market livestock and small farm animals. Includes instruction in basic animal science, animal nutrition, and animal health as applied to various species and breeds; design and operation of housing, feeding, and processing facilities; and related issues of safety, applicable regulations, logistics, and supply.
010507	010507	Equestrian/Equine Studies	Equestrian/Equine Studies. A program that focuses on the horse, horsemanship, and related subjects and prepares individuals to care for horses and horse equipment; ride and drive horses for leisure, sport, show, and professional purposes; and manage the training of horses and riders. Includes instruction in horse breeding, nutrition, health, and safety; history of the horse and horsemanship; horse development and training; riding and equestrian technique; stable, paddock, and track management; and equipment maintenance and repair.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
030301	030301	Fishing and Fisheries Sciences and Management	Fishing and Fisheries Sciences and Management. A program that focuses on the scientific study of the husbandry and production of non-domesticated fish and shellfish populations for recreational and commercial purposes and the management of fishing and marine/aquatic product processing to ensure adequate conservation and efficient utilization. Includes instruction in the principles of marine/aquatic biology, freshwater and saltwater ecosystems, water resources, fishing production operations and management, fishing policy and regulation, and the management of recreational and commercial fishing activities.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
480599	480599	Precision Metal Working, Other	Precision Metal Working, Other. Any instructional program in precision metal work not listed above.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
520201	520201	Business Administration and Management, General	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.
520205	520205	Operations Management and Supervision	Operations Management and Supervision. A program that prepares individuals to manage and direct the physical and/or technical functions of a firm or organization, particularly those relating to development, production, and manufacturing. Includes instruction in principles of general management, manufacturing and production systems, plant management, equipment maintenance management, production control, industrial labor relations and skilled trades supervision, strategic manufacturing policy, systems analysis, productivity analysis and cost control, and materials planning.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
010401	010401	Agricultural and Food Products Processing	Agricultural and Food Products Processing. A program that prepares individuals to receive, inspect, store, process, and package agricultural products in the form of human food consumables, animal or plant food, or other industrial products. Includes instruction in the nutrient and industrial properties of various agricultural products; logistics and storage procedures; chemical and mechanical processing operations; packaging; safety and health requirements; and related technical and business principles.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
520201	520201	Business Administration and Management, General	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.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
520205	520205	Operations Management and Supervision	Operations Management and Supervision. A program that prepares individuals to manage and direct the physical and/or technical functions of a firm or organization, particularly those relating to development, production, and manufacturing. Includes instruction in principles of general management, manufacturing and production systems, plant management, equipment maintenance management, production control, industrial labor relations and skilled trades supervision, strategic manufacturing policy, systems analysis, productivity analysis and cost control, and materials planning.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
520201	520201	Business Administration and Management, General	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.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
520205	520205	Operations Management and Supervision	Operations Management and Supervision. A program that prepares individuals to manage and direct the physical and/or technical functions of a firm or organization, particularly those relating to development, production, and manufacturing. Includes instruction in principles of general management, manufacturing and production systems, plant management, equipment maintenance management, production control, industrial labor relations and skilled trades supervision, strategic manufacturing policy, systems analysis, productivity analysis and cost control, and materials planning.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
520201	520201	Business Administration and Management, General	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.
520205	520205	Operations Management and Supervision	Operations Management and Supervision. A program that prepares individuals to manage and direct the physical and/or technical functions of a firm or organization, particularly those relating to development, production, and manufacturing. Includes instruction in principles of general management, manufacturing and production systems, plant management, equipment maintenance management, production control, industrial labor relations and skilled trades supervision, strategic manufacturing policy, systems analysis, productivity analysis and cost control, and materials planning.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
489999	489999	Precision Production, Other	Precision Production, Other. Any instructional program in precision production not listed above.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
520201	520201	Business Administration and Management, General	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.
520205	520205	Operations Management and Supervision	Operations Management and Supervision. A program that prepares individuals to manage and direct the physical and/or technical functions of a firm or organization, particularly those relating to development, production, and manufacturing. Includes instruction in principles of general management, manufacturing and production systems, plant management, equipment maintenance management, production control, industrial labor relations and skilled trades supervision, strategic manufacturing policy, systems analysis, productivity analysis and cost control, and materials planning.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
520201	520201	Business Administration and Management, General	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.
520205	520205	Operations Management and Supervision	Operations Management and Supervision. A program that prepares individuals to manage and direct the physical and/or technical functions of a firm or organization, particularly those relating to development, production, and manufacturing. Includes instruction in principles of general management, manufacturing and production systems, plant management, equipment maintenance management, production control, industrial labor relations and skilled trades supervision, strategic manufacturing policy, systems analysis, productivity analysis and cost control, and materials planning.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
520401	520401	Administrative Assistant and Secretarial Science, General	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.
520408	520408	General Office Occupations and Clerical Services	General Office Occupations and Clerical Services. A program that prepares individuals to provide basic administrative support under the supervision of office managers, administrative assistants, secretaries, and other office personnel. Includes instruction in typing, keyboarding, filing, general business correspondence, office equipment operation, and communications skills.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
470303	470303	Industrial Mechanics and Maintenance Technology	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.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
520201	520201	Business Administration and Management, General	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.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
520205	520205	Operations Management and Supervision	Operations Management and Supervision. A program that prepares individuals to manage and direct the physical and/or technical functions of a firm or organization, particularly those relating to development, production, and manufacturing. Includes instruction in principles of general management, manufacturing and production systems, plant management, equipment maintenance management, production control, industrial labor relations and skilled trades supervision, strategic manufacturing policy, systems analysis, productivity analysis and cost control, and materials planning.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
470401	150404	Instrumentation Technology/Technician	Instrumentation Technology/Technician. A program that prepares individuals to apply basic engineering principles and technical skills in support of engineers engaged in developing control and measurement systems and procedures. Includes instruction in instrumentation design and maintenance, calibration, design and production testing and scheduling, automated equipment functions, applications to specific industrial tasks, and report preparation. (Moved from 47.0401)

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
469999	469999	Construction Trades, Other	Construction Trades, Other. Any instructional program in construction trades not listed above.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
520201	520201	Business Administration and Management, General	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.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
520205	520205	Operations Management and Supervision	Operations Management and Supervision. A program that prepares individuals to manage and direct the physical and/or technical functions of a firm or organization, particularly those relating to development, production, and manufacturing. Includes instruction in principles of general management, manufacturing and production systems, plant management, equipment maintenance management, production control, industrial labor relations and skilled trades supervision, strategic manufacturing policy, systems analysis, productivity analysis and cost control, and materials planning.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
490202	490202	Construction/Heavy Equipment/Earthmoving Equipment Operation	Construction/Heavy Equipment/Earthmoving Equipment Operation. A program that prepares individuals to apply technical knowledge and skills to operate and maintain a variety of heavy equipment, such as a crawler tractors, motor graders and scrapers, shovels, rigging devices, hoists, and jacks. Includes instruction in digging, ditching, sloping, stripping, grading, and backfilling, clearing and excavating.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
081105	521905	Tourism and Travel Services Marketing Operations (NEW)	Tourism and Travel Services Marketing Operations. (NEW) A program that prepares individuals to provide direct retail services to hotel and motel clients and customers in a variety of settings. Includes instruction in the principles of hotel/motel operations, customer sales and assistance operations and techniques, telephone operations, and basic office management.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
470501	479999	Mechanic and Repair Technologies/Technicians, Other	Mechanic and Repair Technologies/Technicians, Other. Any instructional program in mechanics and repairs not listed above.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
490299	490299	Ground Transportation, Other	Ground Transportation, Other. Any instructional program in vehicle and equipment operation not listed above.

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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
080101	521904	Apparel and Accessories Marketing Operations	Apparel and Accessories Marketing Operations. A program that prepares individuals to perform operations connected with the distribution and sale of apparel and accessories. Includes instruction in wholesaling and retailing; apparel technologies; distribution; customer sales and service skills; and principles of consumer research and sales forecasting. (Moved from 08.0101)
080103	521903	Fashion Modeling	Fashion Modeling. A program that prepares individuals to present and display fashion, apparel, and accessories products in wholesale and retail settings, either on the person or via props and natural or artificial settings. Includes instruction in modeling skills, health and cosmetic principles, fashion show management, display design and production, and applicable aspects of advertising and fashion photography. (Moved from 08.0103)

DOT#: **077127018** Title: **DIETITIAN CONSULTANT**Tsa Lvl: **MPSMS**GOE Code: **050517** Spec. Voc. Prep.: **8** Strength: **L** Reasoning: **5** Math: **4** Language: **5**

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
190501	190501	Foods, Nutrition, and Wellness Studies, General	Foods, Nutrition, and Wellness Studies, General. A general program that focuses on the role of foods and nutrition in human health and wellness. Includes instruction in nutritional care and education, the planning and provision of food services, the development of consumable food products, life-span nutrition and wellness, the principles of nutritional assessment, and food safety and food composition.
190502	190501	Foods, Nutrition, and Wellness Studies, General	Foods, Nutrition, and Wellness Studies, General. A general program that focuses on the role of foods and nutrition in human health and wellness. Includes instruction in nutritional care and education, the planning and provision of food services, the development of consumable food products, life-span nutrition and wellness, the principles of nutritional assessment, and food safety and food composition.

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Classification of Instructional Programs (CIP) 2000

DOT#: **077127018** Title: **DIETITIAN CONSULTANT**Tsa Lvl: **MPSMS**GOE Code: **050517** Spec. Voc. Prep.: **8** Strength: **L** Reasoning: **5** Math: **4** Language: **5**

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
190503	513101	Dietetics/Dietitian (RD)	Dietetics/Dietitian (RD). A program that prepares individuals to integrate and apply the principles of the food and nutrition sciences, human behavior, and the biomedical sciences to design and manage effective nutrition programs in a variety of settings. Includes instruction in human nutrition; nutrient metabolism; the role of foods and nutrition in health promotion and disease prevention; planning and directing food service activities; diet and nutrition analysis and planning; supervision of food storage and preparation; client education; and professional standards and regulations. (Moved from 51.2702)

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200401	120508	Institutional Food Workers (NEW)	Institutional Food Workers. (NEW) A program that prepares individuals in production and service used in governmental, commercial or independently owned institutional food establishments and related food industry occupations. Includes instruction in selecting, storing, preparing, and serving food and food products; basic nutrition; sanitation, and food safety; the use and care of commercial equipment; serving techniques; and the operation of institutional food establishments.
200409	190505	Foodservice Systems Administration/Management	Foodservice Systems Administration/Management. A program that focuses on the principles and practices relating to the administration of food service systems in institutional settings, and that prepares individuals to manage such operations in public and private facilities. Includes instruction in human nutrition, food safety, the design and organization of food service systems, purchasing, personnel management, and related business practices.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
520902	520904	Hotel/Motel Administration/Management (NEW)	Hotel/Motel Administration/Management. (NEW) A program that prepares individuals to manage operations and facilities that provide lodging services to the traveling public. Includes instruction in hospitality industry principles; supplies purchasing, storage and control; hotel facilities design and planning; hospitality industry law; personnel management and labor relations; financial management; marketing and sales promotion; convention and event management; front desk operations; and applications to specific types of hotels and motel operations.

TRANSFERABLE OCCUPATIONS
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CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120504	120504	Restaurant, Culinary, and Catering Management/Manager	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.

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
200401	120508	Institutional Food Workers (NEW)	Institutional Food Workers. (NEW) A program that prepares individuals in production and service used in governmental, commercial or independently owned institutional food establishments and related food industry occupations. Includes instruction in selecting, storing, preparing, and serving food and food products; basic nutrition; sanitation, and food safety; the use and care of commercial equipment; serving techniques; and the operation of institutional food establishments.
200404	513104	Dietitian Assistant	Dietitian Assistant. A program that prepares individuals to assist registered dietitians in planning, preparing and serving meals to individuals with specific dietary needs. Includes instruction in equipment use, food preparation, diet regulations, food handling, safety and sanitary standards and administrative techniques and procedures. (Moved from 20.0404)

CIP1990#	CIP2000#	CIP 2000 Title	CIP Description
120507	120507	Food Service, Waiter/Waitress, and Dining Room Management/Manager	Food Service, Waiter/Waitress, and Dining Room Management/Manager. A program that prepares individuals to serve food to customers in formal or informal settings. Includes instruction in the nutritional, sensory, and functional properties of food and its ingredients; food services principles; table and counter services; dining room operations and procedures; service personnel supervision and management; communication skills; business math; safety and sanitation.

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200409	190505	Foodservice Systems Administration/Management	Foodservice Systems Administration/Management. A program that focuses on the principles and practices relating to the administration of food service systems in institutional settings, and that prepares individuals to manage such operations in public and private facilities. Includes instruction in human nutrition, food safety, the design and organization of food service systems, purchasing, personnel management, and related business practices.

Number of Transferable Occupations: **315**

Transferable Occupations (* non-duplicated) Transferable Occupations listed in order of transferability.

* If an occupation was Moderately Transferable and it was Highly Transferable, it will only appear as Highly Transferable.

HIGHLY TRANSFERABLE OCCUPATIONS share one of the three digit Work fields and have one of the same three digit MPSMS fields. (Work fields are categories of technologies that reflect how work gets done and what gets done as a result of the work activities of a job: the purpose of the job. MPSMS fields are categories of the Materials, Products, Subject Matter and Services rendered for a particular job.)

CLOSELY TRANSFERABLE OCCUPATIONS share one of the three digit Combination Work fields and have one of the same two digit MPSMS fields. (Work fields are categories of technologies that reflect how work gets done and what gets done as a result of the work activities of a job: the purpose of the job. MPSMS fields are categories of the Materials, Products, Subject Matter and Services for a particular job.)

MODERATELY or GENERALLY TRANSFERABLE OCCUPATIONS share one of the two digit Work fields and one of the two digit MPSMS fields. (Work fields are categories of technologies that reflect how work gets done and what gets done as a result of the work activities of a job: the purpose of the job. MPSMS fields are categories of the Materials, Products, Subject Matter and Services for a particular job.)

WORK FIELD RELATED OCCUPATIONS share one of the three digit Work fields. (Work fields are categories of technologies that reflect how work gets done and what gets done as a result of the work activities of a job: the purpose of the job.)

MPSMS RELATED OCCUPATIONS share one of three three digit MPSMS fields. (MPSMS fields are categories of the Materials, Products, Subject Matter and Services for a particular job.)

TRANSFERABLE OCCUPATIONS
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Classification of Instructional Programs (CIP)

The purpose of the Classification of Instructional Programs (CIP) is to provide a taxonomic scheme that will support the accurate tracking, assessment, and reporting of fields of study and program completions activity. CIP was originally developed by the U.S. Department of Education's National Center for Education Statistics (NCES) in 1980, with revisions occurring in 1985 and 1990. The 2000 edition of the CIP (CIP-2000) is the third revision of the taxonomy and presents an updated taxonomy of instructional program classifications and descriptions.

Revisions to national and international coding schemes such as the CIP require that users be given ample opportunity to comment on proposed changes as well as sufficient time to make these changes in their reporting systems. In developing the CIP-2000, public comment was invited on two review drafts. This final publication reflects the comments that were received or agreements that were reached on the approach to particular revisions. Additionally, to allow sufficient time for users to implement the CIP-2000 in their databases and reporting systems, NCES will give users at least 2 years from the date of publication of the CIP-2000 to implement the revised taxonomy in reporting on postsecondary program completions.

The CIP is the accepted federal government statistical standard on instructional program classifications and is used in a variety of education information surveys and databases. Since 1980 when it was first published, the CIP has been used by NCES in the Integrated Postsecondary Education Data System (IPEDS) and its predecessor, the Higher Education General Information Survey (HEGIS). It is also used by other Department of Education offices, such as the Office for Civil Rights, the Office of Vocational and Adult Education, and the Office of Special Education, and serves as the standard on instructional programs for other federal agencies, including the (former) National Occupational Information Coordinating Committee (NOICC), the National Science Foundation and the Department of Commerce (Bureau of the Census), the Department of Labor (Bureau of Labor Statistics), and others. The CIP is also used by the National Academy of Sciences, state agencies, national associations, academic institutions, and employment counseling services as the basis for collecting, reporting, and analyzing instructional program data.