

## Appendix D: Learning Need Codes

Use this list to identify learning need codes for use in your Learning Plan, or to identify a learning need code for each Continuing Professional Education activity completed, so the learning need codes can be recorded on your Learning Activities Log (Step 4). Please note that although one learning need code may be listed in program materials, you may select another learning need code if it is applicable.

### **1000 PROFESSIONAL SKILLS**

- 1010 Career planning, job search, goal setting
- 1020 Computer, electronic technology
- 1030 CPR
- 1040 Cultural sensitivity
- 1050 Ethics
- 1060 Foreign language, cultures
- 1070 Leadership, critical and strategic thinking
- 1080 Legislation, public policy
- 1090 Media skills
- 1100 Photography, video and graphic production
- 1110 Risk taking
- 1120 Time and stress management, life balance
- 1130 Verbal communication skills, presentations
- 1140 Written communication skills, publishing

### **2000 SCIENCE OF FOOD AND NUTRITION**

- 2010 Botanicals, phytochemicals
- 2020 Composition of foods, nutrient analysis
- 2030 Food preservation, additives, irradiation
- 2040 Food science, genetically modified food
- 2050 Genetics
- 2060 Immunology
- 2070 Macronutrients: carbohydrate, fat, protein, fiber, water
- 2080 Microbiology, food toxicology
- 2090 Micronutrients: vitamins, minerals
- 2100 Nutritional biochemistry
- 2110 Physiology, exercise physiology

### **3000 NUTRITION ASSESSMENT AND DIAGNOSIS**

- 3005 Nutrition diagnosis
- 3010 Assessment methodology
- 3020 Assessment of target groups, populations
- 3030 Anthropometrics, body composition
- 3040 Food consumption, fluid balance
- 3050 Feeding, swallowing, dentition
- 3060 Laboratory tests
- 3070 Pharmacological, drug/nutrient, herbal interaction
- 3080 Physical: blood pressure, pulse, bowel sounds
- 3090 Screening parameters, methodology, and surveillance
- 3100 Supplemental nutrients, botanicals

## **4000 WELLNESS AND PUBLIC HEALTH**

- 4010 Community intervention, monitoring, and evaluation
- 4020 Community program development
- 4030 Dietary guidelines, DRIs, Food Guide Pyramid, food labeling
- 4040 Disease prevention
- 4050 Epidemiology
- 4060 Exercise, fitness, and sports nutrition
- 4070 Food security and hunger
- 4080 Government-funded Food & Nutrition Programs
- 4090 Health behaviors: smoking cessation, stress management
- 4100 Social Marketing
- 4110 Vegetarianism
- 4120 Life Cycle (stages of life cycle)
- 4130 Pregnancy (stages of life cycle)
- 4140 Lactation (stages of life cycle)
- 4150 Infancy & Childhood (stages of life cycle)
- 4160 Adolescence (stages of life cycle)
- 4170 Men's health (stages of life cycle)
- 4180 Women's health (stages of life cycle)
- 4190 Elderly nutrition (stages of life cycle)

## **5000 MEDICAL NUTRITION THERAPY**

- 5010 Acute (care sites)
- 5020 Ambulatory (care sites)
- 5030 Home care (care sites)
- 5040 Long-term, intermediate, assisted living (care sites)
- 5050 Rehabilitation (care sites)
- 5060 Neonates (client population)
- 5070 Pediatrics (client population)
- 5080 Adolescents (client population)
- 5090 Adults (client population)
- 5100 Elderly (client population)
- 5110 Allergies, sensitivities (disease/disorder)
- 5120 Autoimmune diseases, arthritis, lupus (disease/disorder)
- 5130 Bone diseases, osteoporosis (disease/disorder)
- 5140 Burns (disease/disorder)
- 5150 Cancer (disease/disorder)
- 5160 Cardiovascular disease (disease/disorder)
- 5170 Critical care, trauma (disease/disorder)
- 5180 Developmental disorders (disease/disorder)
- 5190 Diabetes mellitus (disease/disorder)
- 5200 Disordered eating (disease/disorder)
- 5210 Dysphagia (disease/disorder)
- 5220 Gastrointestinal disorders (disease/disorder)
- 5230 Hematological disorders, anemia (disease/disorder)
- 5240 Hepatic disorders (disease/disorder)
- 5250 HIV/AIDS (disease/disorder)
- 5260 Hypertension (disease/disorder)

5270 Infectious diseases (disease/disorder)  
5280 Nutrient deficiencies, Failure to thrive (disease/disorder)  
5290 Metabolic disorders, Inborn errors (disease/disorder)  
5300 Neurological: stroke, Alzheimer's, dementia, Parkinson's, spinal cord injuries (disease/disorder)  
5310 Pregnancy complication (disease/disorder)  
5320 Psychiatric disorders, anxiety (disease/disorder)  
5330 Pulmonary diseases (disease/disorder)  
5340 Renal diseases (disease/disorder)  
5350 Substance abuse, alcoholism (disease/disorder)  
5360 Transplantation (disease/disorder)  
5370 Weight management, obesity (disease/disorder)  
5380 Wound care (disease/disorder)  
5390 Care planning, documentation, and evaluation (nutritional care)  
5400 Case management (nutritional care)  
5410 Client protocols, clinical guidelines (nutritional care)  
5420 Complementary care, alternative therapies (nutritional care)  
5430 End of life care (nutritional care)  
5440 Enteral and parenteral nutrition support (nutritional care)  
5450 Feeding equipment, tube placement, adaptive utensils (nutritional care)  
5460 Self-care management (nutritional care)

#### **6000 EDUCATION, TRAINING, AND COUNSELING**

6010 Behavior change theories, techniques  
6020 Counseling, therapy, and facilitation skills  
6030 Education theories and techniques for adults  
6040 Education theories and techniques for children and adolescents  
6050 Instructional materials development  
6060 Learning needs assessment, learning plan development, and evaluation  
6070 Interviewing and listening skills  
6080 Training, coaching, and mentoring

#### **7000 BUSINESS AND MANAGEMENT**

7010 Business plan development  
7020 Conflict management  
7030 Contract management  
7040 Consultation  
7050 Customer focus  
7060 Emergency and disaster management  
7070 Entrepreneurship, private practice  
7080 Financial management  
7090 Human resources management, labor relations  
7100 Institution/regulatory policies and procedures, HCFA, OBRA, Joint Commission, NCQA, OSHA, USDA  
7110 Legal issues, malpractice  
7120 Marketing  
7130 Managed care

- 7140 Materials management
- 7150 Negotiation
- 7160 Quality management
- 7170 Reimbursement, coverage
- 7180 Strategic planning
- 7190 Supervision, crisis management
- 7200 Team building
- 7210 Sales, merchandising

### **8000 FOOD SERVICE SYSTEMS AND CULINARY ARTS**

- 8010 Child and adult food programs
- 8015 Cultural/ethnic food and culinary practices
- 8018 Environmental, agricultural and technologic influences on food systems
- 8020 Equipment management
- 8030 Facilities layout, planning and design
- 8040 Food safety, HAACP, and sanitation
- 8050 Food distribution and service
- 8060 Culinary skills and techniques
- 8070 Food production, quantity purchasing
- 8080 Food styling and food presentation
- 8090 Menu planning and development, nutrient analysis
- 8100 Food and recipe development and modification
- 8110 School foodservice
- 8120 Sales, merchandising
- 8130 Sensory perception and evaluation of foods and ingredients

### **9000 RESEARCH AND GRANTS**

- 9010 Data analysis, statistics
- 9020 Evaluation and application of research
- 9030 Outcomes research, cost-benefit analysis
- 9040 Proposal development, grant applications
- 9050 Publication, communications of research outcomes
- 9060 Research development and design
- 9070 Research instruments and techniques