

Crosswalk Between the 2027 Competency and Performance Indicators and 2022 KRDN/CRDN for CP Programs

About This Crosswalk:

Prior to the 2027 Standards, Coordinated Program (CP) curricula were built around KRDN and CRDN statements written at the undergraduate level. The 2027 Standards raise the CP to the graduate level. When using this crosswalk, programs should not expect a word-for-word match. For each 2027 competency and performance indicator, consider whether the underlying concept was already covered in the 2022 curriculum, even if it was taught and assessed at the undergraduate level, and use that as the starting point for identifying where content needs to be added, expanded, or elevated to meet the 2027 graduate-level expectation.

Unit 1: Community, Public Health, and Population Health		
2027 Competency and PI		Location of Concept in 2022 Standards
C 1.1	Apply epidemiological concepts and evidence to evaluate the relationships between diet and disease development (S)	
PI 1.1.1	<i>Evaluate the strength of the association, sources of bias, and confounding factors (S)</i>	CRDN 1.2
PI 1.1.2	<i>Use nutrition surveillance data to identify patterns of disease to determine population health and nutrition needs (S)</i>	New
PI 1.1.3	<i>Examine how nutrition, nutrition education, and nutrition-related diseases are impacted by globalization (S)</i>	New
PI 1.1.4	<i>Prioritize and implement health risk reduction strategies and policies (S)</i>	RE3.1.a.6
C 1.2	Use program planning steps to develop, implement, monitor, and evaluate community programs (D)	
PI 1.2.1	<i>Conduct and interpret community and population-based needs assessments to develop a program considering all relevant factors (D)</i>	CRDNs 3.1 and 4.7
PI 1.2.2	<i>Identify resources and partnerships to support the program's sustainability (D)</i>	CRDN 3.13
PI 1.2.3	<i>Implement a program that considers relevant data and addresses the nutrition needs of the community or population (D)</i>	CRDNs 3.11 and 4.8
PI 1.2.4	<i>Implement marketing strategies to promote nutrition products, programs, or services to target audiences (D)</i>	New
PI 1.2.5	<i>Evaluate the program using intervention outcomes (D)</i>	KRDN 4.7 and CRDN 1.1
PI 1.2.6	<i>Communicate evaluation outcomes and make recommendations to promote change and justify the program (D)</i>	CRDN 1.3
C 1.3	Develop and provide education based on the learners' determinants of health (D)	
PI 1.3.1	<i>Apply education theories, pedagogy, and education principles when developing, modifying, and implementing education (D)</i>	KRDN 3.2, CRDNs 3.8, 3.9, and 3.10

PI 1.3.2	<i>Translate basic to advanced food and nutrition science knowledge into understandable language tailored to the audience (D)</i>	KRDN 3.2, CRDNs 3.4, 3.9, and 3.12
PI 1.3.3	<i>Communicate complex nutrition information to various audiences (D)</i>	KRDN 2.1, CRDNs 3.7 and 3.12

Unit 2: Nutrition Care Process and Medical Nutrition Therapy

2027 Competency and PI		Location of Concept in 2022 Standards
C 2.1	Integrate food and nutrition sciences into the nutrition care process (D)	
PI 2.1.1	<i>Use evidence-based information related to molecular science (for example, genes, proteins, metabolites) and microbes to inform nutrition decisions (D)</i>	KRDN 3.5
PI 2.1.2	<i>Apply knowledge of anatomy, physiology, biochemistry, and food science to make nutrition decisions (D)</i>	KRDN 3.1 and CRDN 3.1
C 2.2	Conduct a nutrition assessment for individuals and groups, including patients/clients with high acuity (D)	
PI 2.2.1	<i>Implement nutrition assessment tools based on patient/client factors (D)</i>	KRDN 3.1 and CRDN 3.1
PI 2.2.2	<i>Collect and identify relevant and accurate subjective information from multiple sources (D)</i>	KRDN 3.1 and CRDN 3.1
PI 2.2.3	<i>Conduct a nutrition-focused physical exam using established guidelines (D)</i>	CRDN 3.2
PI 2.2.4	<i>Collect food and nutrition-related medical history, mental health, physical activity, and relevant determinants of health (D)</i>	KRDN 3.1 and CRDN 3.1
PI 2.2.5	<i>Determine macronutrient, micronutrient, and fluid requirements (D)</i>	KRDN 3.1 and CRDN 3.1
PI 2.2.6	<i>Conduct and interpret indirect calorimetry measurements (S)</i>	New
PI 2.2.7	<i>Perform blood pressure testing and conduct waived point-of-care laboratory testing (for example, blood glucose or cholesterol) (D)</i>	KRDN 3.4 and CRDN 3.3
PI 2.2.8	<i>Order and interpret biochemical and biospecimen tests to inform nutrition decisions (D)</i>	CRDN 3.3
PI 2.2.9	<i>Identify signs and symptoms of nutrient deficiencies and excesses (D)</i>	New
PI 2.2.10	<i>Consider barriers that influence nutrition status (D)</i>	New
PI 2.2.11	<i>Determine the accuracy and reliability of nutrition assessment data (D)</i>	KRDN 3.1 and CRDN 3.1
PI 2.2.12	<i>Identify appropriate mathematical formulas and perform calculations to determine nutrition requirements (D)</i>	CRDN 3.1
C 2.3	Develop a nutrition diagnosis according to Nutrition Care Process terminology (D)	
PI 2.3.1	<i>Analyze and synthesize nutrition assessment data to inform nutrition diagnosis(es) (D)</i>	KRDN 3.1 and CRDN 3.1
PI 2.3.2	<i>Devise a problem, etiology, sign, and symptom (PES) statement and outline rationale for the diagnosis (D)</i>	KRDN 3.1 and CRDN 3.1
PI 2.3.3	<i>Prioritize the nutrition diagnosis(es) (D)</i>	KRDN 3.1 and CRDN 3.1

C 2.4	Develop an individualized plan of care that incorporates medical nutrition therapy in collaboration with the patient/client, including those with high acuity (D)	
PI 2.4.1	<i>Develop measurable goals that address nutrition care needs and nutrition diagnosis (D)</i>	KRDN 3.1 and CRDN 3.1
PI 2.4.2	<i>Establish the need and evaluate indications for nutrition support and therapeutic diets (D)</i>	KRDN 3.1, and CRDN 3.1
PI 2.4.3	<i>Consider relevant factors when recommending the use of oral nutrition supplements (D)</i>	KRDN 3.1 and CRDNs 3.1 and 3.6.
PI 2.4.4	<i>Identify indications and contraindications of complementary and integrative nutrition (D)</i>	CRDN 1.3
PI 2.4.5	<i>Evaluate the availability of services to support access to nutrition care and to meet nutrition goals (D)</i>	CRDN 2.6
C 2.5	Incorporate genetic data into a personalized nutrition plan (S)	
PI 2.5.1	<i>Examine the influence of genetic variations (for example, SNPs) on nutrient metabolism and diet response (K)</i>	KRDN 3.5
PI 2.5.2	<i>Analyze and interpret results from genetic and nutrigenetic tests (S)</i>	New
PI 2.5.3	<i>Create personalized nutritional interventions for individuals with specific genetic variation (S)</i>	New
PI 2.5.4	<i>Evaluate the benefits and limitations of precision nutrition tools (S)</i>	New
C 2.6	Implement and manage medical nutrition therapy interventions (D)	
PI 2.6.1	<i>Order medical nutrition therapy to address nutrition goals (D)</i>	KRDN 3.1 and CRDN 3.1
PI 2.6.2	<i>Integrate understanding of foundational sciences to manage medical nutrition therapy, diet, and disease (D)</i>	KRDN 3.1 and CRDN 3.1
PI 2.6.3	<i>Implement the nutrition intervention and nutrition plan of care with patients/clients and other team members (D)</i>	KRDN 3.1 and CRDN 3.1
PI 2.6.4	<i>Document all elements of the nutrition care process following professional standards and organizational policies (D)</i>	KRDNs 2.1 and 3.1, and CRDN 3.7
PI 2.6.5	<i>Conduct coding and billing procedures to obtain payment for nutrition services under various healthcare payment models (S)</i>	KRDN 4.3 and CRDN 4.9
C 2.7	Monitor and evaluate the impact of nutrition intervention on the nutrition diagnosis (D)	
PI 2.7.1	<i>Apply nutrition care outcome indicators to evaluate the impact of the nutrition intervention (D)</i>	KRDN 3.1 and CRDN 3.1
PI 2.7.2	<i>Assess adherence to nutrition intervention (D)</i>	KRDN 3.1 and CRDN 3.1
PI 2.7.3	<i>Make recommendations to modify the nutrition plan of care or nutrition intervention, considering barriers to meeting the nutrition goals (D)</i>	KRDN 3.1 and CRDN 3.1
PI 2.7.4	<i>Summarize the impact of nutrition interventions on patient/client outcomes (D)</i>	KRDN 3.1 and CRDN 3.1
PI 2.7.5	<i>Analyze reasons for deviation from expected nutrition outcomes (D)</i>	KRDN 3.1 and CRDN 3.1
C 2.8	Use technology to enhance practice (D)	

PI 2.8.1	<i>Operate technology and devices to create, store, and retrieve nutrition information in a secure and ethical manner, ensuring accountability for outcomes (D)</i>	KRDN 1.2 and CRDN 4.4
PI 2.8.2	<i>Analyze data generated by technologies and devices to make evidence-based decisions (D)</i>	KRDNs 1.2 and 4.7
PI 2.8.3	<i>Assess AI-generated results for accuracy and relevance and use iterative prompt engineering to refine AI outputs (D)</i>	New

Unit 3: Clinical Skills

2027 Competency and PI	Location of Concept in 2022 Standards
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C 3.1	Prescribe and administer enteral and parenteral nutrition (D)
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PI 3.1.1	<i>Apply medical nutrition therapy to order and manage nutrition support (D)</i>	KRDN 3.1 and CRDN 3.1
PI 3.1.2	<i>Recommend vascular and enteral access for nutrition support, considering contraindications and maintenance (S)</i>	New
PI 3.1.3	<i>Place and secure nasogastric or nasoenteric feeding tubes using proper techniques and ensuring patient/client safety (S)</i>	CRDN 3.5
PI 3.1.4	<i>Verify the tube placement before use (S)</i>	CRDN 3.5
PI 3.1.5	<i>Order and manage feeding and infusion schedule, rate, concentration, and composition to ensure adequate intake and patient/client safety (D)</i>	KRDN 3.1 and CRDN 3.1
PI 3.1.6	<i>Monitor and manage fluid, electrolyte, macro- and micro-nutrients, acid-base balance, blood glucose, other laboratory values, and tolerance to nutrition support (D)</i>	KRDN 3.1 and CRDN 3.1

C 3.2	Conduct nutrition counseling and therapy to promote optimal health outcomes in individuals and groups (D)
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PI 3.2.1	<i>Assess the nutrition needs and appropriateness for the recommended counseling and therapy (D)</i>	KRDN 3.3 and CRDN 3.7
PI 3.2.2	<i>Apply counseling principles and evidence-based practice when providing individual or group sessions (D)</i>	KRDN 3.3 and CRDNs 3.7 and 3.10
PI 3.2.3	<i>Identify the indications, contraindications, benefits, risks, and limitations of counseling and therapy (D)</i>	KRDN 3.3
PI 3.2.4	<i>Evaluate the effectiveness of the counseling and make necessary modifications (D)</i>	CRDN 3.10
PI 3.2.5	<i>Develop counseling goals in collaboration with patients/clients (D)</i>	CRDNs 3.7 and 3.10
PI 3.2.6	<i>Assist with resolving barriers to achieve counseling and therapy goals (D)</i>	KRDN 3.1 and CRDN 3.10

C 3.3	Apply knowledge of pharmacology and pharmacokinetics related to nutrition-related pharmacotherapy (S)
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PI 3.3.1	<i>Demonstrate understanding of pharmacokinetics (absorption, clearance, metabolism, latency period, accumulation, half-life) and routes of administration (S)</i>	CRDN 3.1
PI 3.3.2	<i>Analyze the impact of nutrition status and diet on pharmacodynamics and pharmacokinetics (S)</i>	CRDN 3.1

C 3.4	Prescribe, recommend, and administer nutrition-related pharmacotherapy (D)	
PI 3.4.1	<i>Assess patient/client factors to determine indications for nutrition-related pharmacotherapy (D)</i>	New
PI 3.4.2	<i>Consider patient/client factors, nutrition impact, indications, side effects, contraindications, benefits, risks, alternatives, and foundational sciences when prescribing, recommending, and administering nutrition-related medication therapy (D)</i>	New
PI 3.4.3	<i>Apply the principles of safe medication administration (S)</i>	New
PI 3.4.4	<i>Create the nutrition-related pharmacotherapy plan (for example, modifications to bowel regimens, carbohydrate-to-insulin ratio, or B12 or iron supplementation) (D)</i>	New
PI 3.4.5	<i>Monitor the response and the effects of nutrition-related medications and take action to make modifications or adjustments (S)</i>	CRDN 3.4
C 3.5	Perform intramuscular, subcutaneous, and intravenous injections for nutrition-related pharmacotherapy (for example, vitamins or insulin) (S)	
PI 3.5.1	<i>Apply knowledge of anatomy to landmark different injection or infusion sites and the rationale and indication for choosing the site (K)</i>	New
PI 3.5.2	<i>Discuss with the patient/client the benefits, risks, anticipated outcomes, and alternative approaches before initiating the injection or infusion (K)</i>	New
PI 3.5.3	<i>Demonstrate an awareness of safe administration practices, including confirming the correct patient/client, substance, dose, route, time, and awareness of contraindications (S)</i>	New
PI 3.5.4	<i>Calculate and regulate flow rates based on patient/client factors and the substance to be infused (S)</i>	New
PI 3.5.5	<i>Identify the correct injection site, accurately draw the substance, and administer the injection using the proper technique while adhering to aseptic and infection control practices (K)</i>	New
PI 3.5.6	<i>Perform intradermal, intramuscular, and subcutaneous injections, ensuring patient/client safety and proper administration (S)</i>	New
PI 3.5.7	<i>Document the administration, including the substance administered, dosage, route, site, and patient/client response (S)</i>	CRDN 3.7
C 3.6	Demonstrate knowledge of the indication and risk for conducting swallowing assessments (K)	
PI 3.6.1	<i>Demonstrate understanding of the phases of swallowing and the anatomy and physiology of the swallow (K)</i>	New
PI 3.6.2	<i>Identify indications for the swallowing assessment based on patient/client risk factors and swallowing difficulties (K)</i>	CRDN 3.6
PI 3.6.3	<i>Identify etiological risk categories, including evaluating cranial nerve function and oral motor assessment (K)</i>	New
C 3.7	Perform swallowing assessments to determine a person's ability to consume solids or liquids safely (S)	
PI 3.7.1	<i>Assess signs of aspiration and dysphagia, such as cough, changes in voice post swallow, and decrease in arterial blood oxygenation (S)</i>	New
PI 3.7.2	<i>Perform a water swallowing trial to identify risk for aspiration and dysphagia, complying with the facility's dysphagia risk-management procedures (S)</i>	New

PI 3.7.3	<i>Contribute as a member of the interdisciplinary team in a diagnostic swallowing study to assess swallowing mechanics (S)</i>	New
C 3.8	Order and interpret imaging to identify the etiology of nutrition problems and to inform nutrition decisions (K)	
PI 3.8.1	<i>Understand the indications, limitations, and protocols for various imaging modalities (for example, DEXA, x-ray, CT, MRI) (K)</i>	New
PI 3.8.2	<i>Select the imaging modality based on the clinical question and patient/client characteristics (for example, age, medical history, allergies) (K)</i>	New
PI 3.8.3	<i>Analyze images (for example, enteral and parenteral placement, vascular access/line placement, contraindications to enteral nutrition, and body composition) to identify relevant findings, differentiate between normal and abnormal findings, and assess image quality (S)</i>	New
PI 3.8.4	<i>Analyze imaging findings or written results, considering other clinical data and tests to arrive at a comprehensive nutrition diagnosis (S)</i>	New

Unit 4: Foodservice

2027 Competency and PI		Location of Concept in 2022 Standards
C 4.1	Direct the purchasing, production, and distribution of food products to ensure quantity and quality (D)	
PI 4.1.1	<i>Oversee the purchasing, receipt, and storage of products used in food production and services (D)</i>	CRDN 3.13
PI 4.1.2	<i>Analyze the workflow design and recommend modifications or approval for implementation (D)</i>	CRDN 4.5
PI 4.1.3	<i>Develop an operational plan that considers budget, inventory control, staffing needs, and daily tasks (D)</i>	KRDNs 4.1 and 4.2 and CRDN 4.8

Unit 5: Leadership and Management

2027 Competency and PI		Location of Concept in 2022 Standards
C 5.1	Apply critical thinking to make ethical and evidence-based decisions (D)	
PI 5.1.1	<i>Use critical thinking through a systematic process that evaluates multiple variables and leads to an informed decision (D)</i>	KRDN 1.3 and CRDN 1.5
PI 5.1.2	<i>Incorporate the thought process used in critical thinking models and frameworks (for example, decision trees, theories, system analysis, ethical decision-making frameworks) (D)</i>	CRDN 1.5
C 5.2	Demonstrate ethical and professional behaviors in accordance with the professional Code of Ethics (D)	
PI 5.2.1	<i>Engage in self-reflective practice activities to develop and maintain ongoing competence and professional behaviors (D)</i>	KRDN 5.1 and CRDNs 5.1 and 5.3
PI 5.2.2	<i>Consult and refer to other health professionals when situations or patient/client needs are beyond personal competence (D)</i>	CRDNs 2.6 and 3.6

PI 5.2.3	<i>Adhere to nutrition-related legislation, regulations, and standards of practice (D)</i>	KRDN 2.2 and CRDN 2.1
PI 5.2.4	<i>Apply patient/client-centered principles to all activities and services (D)</i>	CRDN 2.10
PI 5.2.5	<i>Identify and take steps to manage unethical, incompetent, or unsafe behavior (D)</i>	CRDN 2.1
PI 5.2.6	<i>Practice in a manner that respects others (D)</i>	CRDN 2.11
PI 5.2.7	<i>Maintain confidentiality and security when sharing, transmitting, storing, and managing protected health information (D)</i>	CRDN 2.1
C 5.3	Demonstrate leadership skills to guide practice (D)	
PI 5.3.1	<i>Apply leadership and management theories and frameworks to inform decisions and behaviors (D)</i>	KRDN 4.1
PI 5.3.2	<i>Respond to social cues and group dynamics to facilitate desired outcomes (D)</i>	KRDN 5.5 and CRDNs 2.3 and 5.6
PI 5.3.3	<i>Apply principles of emotional intelligence, including self-awareness, self-management, social awareness, and relationship management (D)</i>	CRDNs 5.1 and 5.2
PI 5.3.4	<i>Reflect on situations and critically evaluate outcomes and possible alternate courses of action (D)</i>	CRDN 5.1
PI 5.3.5	<i>Provide and receive constructive feedback to support professional development and seek feedback for personal growth (D)</i>	KRDNs 5.1 and 5.6 and CRDNs 5.1, 5.7 and 5.8
PI 5.3.6	<i>Model behaviors that maximize group participation by consulting, listening, and communicating clearly (D)</i>	CRDN 5.6
C 5.4	Use effective communication, collaboration, and advocacy skills (D)	
PI 5.4.1	<i>Use effective and ethical communication skills and techniques to achieve desired goals and outcomes (D)</i>	KRDN 2.1 and CRDNs 2.2 and 3.7
PI 5.4.2	<i>Facilitate intraprofessional and interprofessional collaboration (D)</i>	CRDNs 2.3, 2.4, and 2.5
PI 5.4.3	<i>Participate in advocacy activities to change or promote new legislation and regulations (D)</i>	KRDN 2.9 and CRDN 2.13
PI 5.4.4	<i>Use communication skills to influence or produce a desired outcome during negotiations or conflict resolution (D)</i>	KRDN 5.4 and CRDNs 2.7, 2.8, and 5.5
PI 5.4.5	<i>Communicate in a responsive, responsible, respectful, and compassionate manner (D)</i>	CRDNs 2.10 and 3.7
C 5.5	Develop and implement continuous quality management or improvement plans (D)	
PI 5.5.1	<i>Align quality management activities with the organizational strategic plan, goals, mission, and vision (D)</i>	CRDN 4.3
PI 5.5.2	<i>Assign responsibilities to various team members according to role and competence (D)</i>	KRDN 5.5 and CRDN 5.6
PI 5.5.3	<i>Set and monitor clear targets for team members, departments, and the organization aligned with common goals and objectives (D)</i>	KRDN 4.7 and CRDN 5.6
PI 5.5.4	<i>Demonstrate an understanding of how individuals and groups interact within the organization (D)</i>	CRDN 5.6

PI 5.5.5	<i>Evaluate the plan to make modifications to ensure positive outcomes and to meet goals and objectives (D)</i>	KRDN 4.7 and CRDN 1.3
PI 5.5.6	<i>Collect and analyze outcome data to determine if established goals and objectives are met (D)</i>	KRDN 4.7 and CRDN 4.3
C 5.6	Apply principles of financial management and productivity (D)	
PI 5.6.1	<i>Prioritize activities to manage time and workload effectively (D)</i>	New
PI 5.6.2	<i>Collect, understand, and analyze financial data to support fiscally responsible decision-making (D)</i>	KRDN 4.2 and CRDNs 4.5 and 4.7
PI 5.6.3	<i>Analyze components of productivity systems, including units of service and work hours, and make recommendations (D)</i>	CRDN 4.5
PI 5.6.4	<i>Analyze the effectiveness of the budget (D)</i>	KRDN 4.2 and CRDN 4.5
PI 5.6.5	<i>Engage in, manage, or lead human resource activities, adhering to applicable laws and regulations (D)</i>	KRDN 4.4 and CRDN 4.1

Unit 6: Research

2027 Competency and PI		Location of Concept in 2022 Standards
C 6.1	Conduct research using appropriate scientific design and methods (D)	
PI 6.1.1	<i>Articulate a clear research question or problem and formulate a hypothesis (D)</i>	CRDN 1.4
PI 6.1.2	<i>Identify and demonstrate appropriate research methods (D)</i>	CRDN 1.4
PI 6.1.3	<i>Interpret and apply research ethics and responsible conduct in research (D)</i>	CRDN 1.4
PI 6.1.4	<i>Collect and retrieve data using a variety of methods and technologies (D)</i>	KRDN 1.2 and CRDN 1.4
PI 6.1.5	<i>Analyze research data using appropriate data analysis techniques (D)</i>	CRDNs 1.2 and 1.4
PI 6.1.6	<i>Determine if data support hypothesis(es) and translate research findings into practice implications (D)</i>	CRDN 1.2
PI 6.1.7	<i>Translate and communicate research findings through a variety of media (D)</i>	CRDN 2.2
C 6.2	Apply current research and evidence-based practice to services (D)	
PI 6.2.1	<i>Use research terminology when communicating with other professionals (D)</i>	New
PI 6.2.2	<i>Analyze and formulate a professional opinion based on current research, evidence-based findings, and experiential learning (D)</i>	CRDN 1.3
PI 6.2.3	<i>Critically examine and interpret research and evidence-based information to determine the validity, reliability, and credibility of information (D)</i>	KRDN 1.1 and CRDN 1.2