

National Occupational Competency Profiles for Paramedic Practitioners

FOUNDATION KNOWLEDGE PROFILE



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Project Director: Mary Beth Gibbons, MA

Project Consultant: David Cane, PhD; Catalysis Consulting, Kamloops BC

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Paramedic Association of Canada

Unit 294

230 - 1210 Summit Drive

Kamloops BC V2C 6M1

www.paramedic.ca

The student in a paramedic training program at the level of PCP, ACP or CCP should have knowledge in the areas listed below. The student in an EMR program should have, at most, a basic awareness of these areas.

AREA	PRINCIPAL LINKS TO COMPETENCY PROFILE
Chemistry	
Classifications of matter	5.5, 5.8
Measuring matter	5.5, 5.8
Chemical symbols and formulas	5.5, 5.8
Chemical equations	5.5, 5.8
Mixtures, solutions and electrolytes	4.5, 5.5
Acids and bases, pH calculations	4.5
Physics	
Units and measurement	4.4, 4.5, 5.5, 5.8
Motion and velocity	4.5
Energy	4.5, 5.5
The gas laws	4.4, 5.2, 5.3, 5.4, 7.4
Anatomy and Physiology	
Organization of the human body (from cells to the whole organism)	4.3, 4.4, 4.5, 6.1, 6.2, 6.3
Metabolic processes	4.3, 4.4, 4.5, 6.1, 6.2, 6.3
Structure and function of the following systems:	
Cardiovascular	4.3, 4.4, 4.5, 6.1, 6.2, 6.3
Neurological	4.3, 4.4, 4.5, 6.1, 6.2, 6.3
Respiratory	4.3, 4.4, 4.5, 6.1, 6.2, 6.3
Reproductive	4.3, 4.4, 4.5, 6.1, 6.2, 6.3
Gastrointestinal	4.3, 4.4, 4.5, 6.1, 6.2, 6.3
Genitourinary	4.3, 4.4, 4.5, 6.1, 6.2, 6.3
Integumentary	4.3, 4.4, 4.5, 6.1, 6.2, 6.3
Musculoskeletal	4.3, 4.4, 4.5, 6.1, 6.2, 6.3
Immune	4.3, 4.4, 4.5, 6.1, 6.2, 6.3
Endocrine	4.3, 4.4, 4.5, 6.1, 6.2, 6.3