Application Assessment Grid for BCAK Practicing Membership – Douglas College

Issue#: DC01272026V6

Required Subject Areas – Minimum of 50% content must be in the named course	Within any given required area, a maximum of 1 course/3 credits/36 hours of study will be counted. Additional courses (3 credits/36 hours) can be counted in the Other Category.			**FOR BCAK use only**
Course List the name and number of the course as it appears on your transcript – note that a course can only be used once. The course first listed is the preferred course, the ones following are alternates – if not required, they can be used as electives.	**Post Secondary Institution** List the university or college where the course was taken	**Documentation** List the document that describes the course and that you will provide	# of courses/hours/credits	
Biomechanics of Human Movement and Tissues	Fundamentals of mechanics as applied to the execution and control of human movement, including consideration of anthropometry, kinematics, and kinetics. May include application to occupational biomechanics and ergonomics.			
SPSC 1151 or SPSC 3154 or SPSC 4151	Douglas College	Course outline	3 credits	
Clinical Kinesiology Assessment	Techniques to assess the components of physical fitness; orthopedic techniques and tests for injury/dysfunction, such as selective tissue tension testing (STT); common neurological screening tests for muscle strength, sensation, basic reflexes and gait; functional movement testing.			
SPSC 4176	Douglas College	Course Outline	3 credits	
Clinical (Advanced) Exercise Prescription	Basic and advanced principles of exercise prescription, including client screening, program design, implementation, and progression for enhancing and/or improving human health and performance in both non-clinical and selected clinical populations.			
SPSC 4161 or SPSC 4276	Douglas College	Course Outline	3 credits	
Human Systems Anatomy (Applied Human Anatomy)	Systematic study of human anatomy with emphasis on functional application. A comparative study of organs, tissues and body systems using laboratory dissections/models to provide an understanding of the three-dimensional organization of the human body.			
BIOL 1109 or BIOL 1103 or BIOL 3100	Douglas College	Course Outline	3 credits	
Human Exercise Physiology	Assessment of the human physiological responses and adaptations to acute and chronic exercise, including the cardiorespiratory, cellular, and metabolic adaptations in health, disease, and performance.			
SPSC 2275 or SPSC 3275	Douglas College	Course Outline	3 credits	
Human Motor Control and Learning (Neuroscience)	Study of the concepts in the sensorimotor planning and control of movement, including factors and disorders affecting movement, sensory and motor physiology, sensorimotor integration, current theories of motor control and motor learning.			
SPSC 1164	Douglas College	Course Outline	3 credits	

Human Systems Physiology	Study of human physiology and pathophysiology of the cardiovascular, respiratory, skeletal, musculotendinous, renal, reproductive, and nervous systems, as well as the mechanisms of regulation and integration by the endocrine, gastrointestinal, immune, and neurological systems. Anatomy of structures is detailed when it is critical to understanding function.			
BIOL 1209 or BIOL 1203	Douglas College	Course Outline	3 credits	
Research Methods and Evidence-Based Practice	Knowledge of the strengths and weaknesses of qualitative and quantitative research methods, including critical analysis and evaluation of research studies and methods, with emphasis on understanding evidence-informed practice and best-practices in kinesiology.			
SPSC 3256	Douglas College	Course Outline	3 credits	
Human Growth and Development	Study of physiological growth and development from conception to maturity, including the factors affecting growth, physical activity behaviour, and human motor performance.			
SPSC 1195	Douglas College	Course Outline	3 credits	
Human Nutrition and Metabolism	Fundamentals of nutrition (macro and micro nutrient) as it relates to human health and performance, in healthy and unhealthy populations.			
SPSC 1192	Douglas College	Course Outline	3 credits	
Kinesiology Professional Practice & Jurisprudence	Essential aspects of medical, legal and ethical issues related to professional healthcare practice, includes charting & record keeping, interdisciplinary practice, and human rights.			
SPSC 4301 and SPSC 4302 or PHIL 1121	Douglas College	If using 4301 and 4302: provide activities description, location/org, and hours for the professional kinesiology fieldwork	3 credits	
Prevention and Rehabilitation of Sports Injuries	Fundamentals of the structural and functional characteristics of the musculoskeletal and sense organs with regards to the prevention of injury in sport. Knowledge applied within a practice setting to facilitate learning of common rehabilitation treatments and modalities.			
SPSC 3276	Douglas College	Course Outline	3 credits	
Psychology and/or Sociology of Health & Human Movement (Behaviour Change/ Modification)	Fundamentals of the psychological and/or sociological factors that influence health behaviours in participation of physical activity for enhancement of physical wellness, sport and recreation performance, chronic disease management and injury/illness recovery.			
SPSC 2205 or SPSC 2231 or SPSC 4231	Douglas College	Course Outline	3 credits	
Special Populations Health	Knowledge and considerations essential to working with special populations, including the study of population health. Practical knowledge and understanding of the pathology/pathophysiology of common diseases or disorders including chronic disease and diseases of aging, neurological, orthopedic and/or mental health disorders, persons with disabilities, and epidemiology/population health.			
SPSC 3158 or BIOL 2200	Douglas College	Course Outline	3 credits	

Where multiple courses are listed above, only one course is to be allocated in each of the above topics (unless the courses are linked by the word 'and') – the unused courses are to be allocated to the electives category (minimum of 16 required 3 CREDIT COURSES – where a course is 1.5 credits it needs to be 2 to equal the minimum of 3 credits). Note: A course can only be allocated once either as a Core or as an Elective (i.e. it cannot appear in multiple categories).				
OTHER Courses **List the name and number of the course as it appears on your transcript**	**Post Secondary Institution** List the university or college where the course was taken	**Documentation** List the document that describes the course and that you will provide	# of courses/hours/credits	**FOR BCAK use only**
Below List OTHER Kinesiology Subjects (by course)	Use this category to list other courses that you have completed directly related to kinesiology **(a minimum of 16 courses required**) – do not include any courses used above.			
SPSC 1103	Douglas College	Course Outline	3 credits	
SPSC 1105	Douglas College	Course Outline	3 credits	
SPSC 1316	Douglas College	Course Outline	3 credits	
SPSC 2101	Douglas College	Fieldwork – provide activities, organization and hours	1.5 credits (add to another fieldwork to equal 3 credits)	
SPSC 2252	Douglas College	Course Outline	3 credits	
SPSC 3101	Douglas College	Fieldwork – provide activities, organization and hours	1.5 credits (add to another fieldwork to equal 3 credits)	
SPSC 3154	Douglas College	Course Outline	3 credits	
SPSC 3201	Douglas College	Fieldwork – provide activities, organization and hours	1.5 credits (add to another fieldwork to equal 3 credits)	
SPSC 3203	Douglas College	Course Outline	3 credits	
SPSC 3991	Douglas College	Course Outline	3 credits	
SPSC 4101	Douglas College	Fieldwork – provide activities, organization and hours	1.5 credits (add to another fieldwork to equal 3 credits)	
SPSC 4256	Douglas College	Course Outline	3 credits	
BIOL 3100	Douglas College	Course Outline	3 credits	

BIOL 3205	Douglas College	Course Outline	3 credits	
PHIL 4205	Douglas College	Course Outline	3 credits	
PSYC 2300	Douglas College	Course Outline	3 credits	
PSYC 2315	Douglas College	Course Outline	3 credits	
PSYC 3304	Douglas College	Course Outline	3 credits	
PSYC 3315	Douglas College	Course Outline	3 credits	
PSYC 3320	Douglas College	Course Outline	3 credits	
PSYC 3322	Douglas College	Course Outline	3 credits	
PSYC 3342	Douglas College	Course Outline	3 credits	
PSYC 3370	Douglas College	Course Outline	3 credits	
PSYC 4370	Douglas College	Course Outline	3 credits	
NURS 3318	Douglas College	Course Outline	3 credits	
DACS 4111	Douglas College	Course Outline	3 credits	
SOCI 2280	Douglas College	Course Outline	3 credits	
Foundational Maths/Sciences - up to a maximum of 4 (including biology courses listed in the electives category): 1 first year Math (e.g. Math 1234, Math 1160 or Math 1101) and 1 lab science and up to two other maths/sciences courses).				
5000 LEVEL COURSES: SPSC 5391, 5492, 5493, 5495, 5591	Douglas College	Course Outline	3 credits	

Additional Notes:

- Acceptance for the first 14 subjects as a core course does **not** mean that the Professional Competency Exam (PCE) questions in this subject are limited to the educational materials offered at an institution, as the examination will cover the professional core competencies, which relate to athletic and clinical populations at an acute and functional level.