

Further appendix to Physical Education 2006

Appendix 1.

Ranking of Generic Competences

	GENERIC COMPETENCES 1-5	ACA	EEE	EER	ACT	MEA
1	Capacity to adapt to new situations	5,50	5,15	6,00	5,24	5,55
2	Capacity for applying knowledge to practice	5,61	4,88	6,00	5,05	5,49
3	Teamwork	5,06	5,30	6,00	5,26	5,45
4	Capacity for organisation and planning	5,33	4,65	6,00	4,81	5,32
5	Capacity for generation of new ideas (creativity)	5,17	4,68	6,00	4,80	5,28
6	Basic general knowledge	5,17	4,65	6,00	4,78	5,27
7	Capacity of analysis and synthesis	5,39	4,41	6,00	4,64	5,26
8	Capacity to learn	5,22	4,47	6,00	4,65	5,23
9	Ethical commitment	5,11	4,45	6,00	4,61	5,18
10	Ability to work in an interdisciplinary team	4,78	4,61	6,00	4,66	5,13
11	Ability to work autonomously	4,94	3,89	6,00	4,14	4,94
12	Critical and self-critical abilities	5,06	4,77	5,00	4,84	4,94
13	Grounding in basic knowledge of the profession	5,11	4,65	5,00	4,75	4,92
14	Concern for quality	5,39	4,06	5,00	4,35	4,81
15	Native language oral and written communication	4,67	4,56	5,00	4,59	4,74
16	Ability to communicate with other fields' experts	4,72	3,80	5,00	4,01	4,50

Ranking of Specific Competences

	SPECIFIC COMPETENCES	ACA	EEE	EER	ACT	MEA
1	PE subject knowledge, skills and understanding	5,50	5,06	6,00	5,17	5,52
2	Knowledge of students and their characteristics	5,44	5,08	6,00	5,17	5,50
3	Pedagogical content knowledge	5,33	5,14	6,00	5,19	5,49
4	Professional engagement	4,89	5,31	6,00	5,23	5,40
5	Collaborative work and planning	5,06	4,83	6,00	4,89	5,29
6	Knowledge of curriculum planning and development	5,39	4,34	6,00	4,58	5,24
7	Ethical commitment	5,06	4,52	6,00	4,65	5,19
8	Reflective practice	5,33	5,22	5,00	5,24	5,18
9	The theory/practice connection	5,28	5,00	5,00	5,06	5,09
10	Body concepts' knowledge & appreciation	5,06	5,15	5,00	5,13	5,07
11	Knowledge of pedagogical and didactical (including teaching styles) interventions	5,72	4,43	5,00	4,71	5,05
12	Uses inclusion strategies and manages class heterogeneity	4,89	5,25	5,00	5,17	5,04
13	Curriculum implementation (teaching activities)	5,39	3,67	6,00	4,06	5,02
14	Teach range of activities	4,94	4,97	5,00	4,96	4,97
15	Continuing professional development	5,06	4,55	5,00	4,66	4,87
16	Professional knowledge	5,06	4,46	5,00	4,60	4,84
17	Knowledge of education systems and physical activities	5,22	4,18	5,00	4,42	4,80
18	Subject knowledge (covered by 26 above, therefore, can be deleted)	4,56	4,82	5,00	4,76	4,79
19	Knowledge of human movement & sport science	5,11	4,23	5,00	4,42	4,78
20	Community collaboration	4,61	4,65	5,00	4,65	4,75
21	Knowledge and application of legal aspects/regulations of physical activities	4,61	4,42	5,00	4,46	4,67
22	Knowledge of educational contexts (micro, meso and macro levels)	5,28	3,52	5,00	3,92	4,60
23	Knowledge of mental and creative development	4,78	3,82	5,00	4,04	4,53

NB Key for both Generic and Specific Competences' tables

ACA = Providers; EEE = Employees; EER = Employers; ACT = All Respondents; MEA = Mean of Means.

Source: Klein, 2006a.

Appendix 2.

Employers: Job Competences Frequency of Response

Management (Classroom, Resource, Staff) inc. Administrative Skills	24
Performance & Progress Monitoring/Assessment inc. Student Record Maintenance	20
Curriculum Planning & Development	16
Effective Teaching/Learning Strategies (inc. Motivation of students)	16
Subject Knowledge inc. Curriculum requirements	14
Communication Skills inc. Inter-personal Skills	13
Extra-Curricular Sport	10
School/Departmental Ethos and Policy Implementation	8
ICT Support	7
Development of Professional Relationships	3
Promote Ethical Values	3
Coaching a Specific Sport	1

Appendix 3.

Study Programmes and Learning Outcomes*

Field of Study

1. Practical Activities (Theory and Practice)

- Knowledge, understanding and analysis of (motor) skills and performance factors in a range of activities and analysis (15)
- Teach activities' skills/didactic competence connecting theory to practice (12)
- Have a range of, and apply, practical skills (4)
- Understanding of movement principles (2)
- Assessment and evaluation (2)
- Able to referee and officiate (2)
- Understand exercise effects on motor and effort capacities, health and survival (1)
- Understand educational values of activities (1)
- Knowledge of co-ordination and fitness (1)
- Specialism in one/two activities (1)
- Autonomous decision-making (1)
- Health promotion knowledge (1)
- Biological maturity, facilitation of growth knowledge (1)
- Personality development understanding (1)

2. Pedagogy/Didactics

- Knowledge of curriculum implementation (13)
- Knowledge of education and effective teaching theories (12)
- Communication and learning processes (2)
- Knowledge of Special Education Needs codes of practice and pedagogy (2)
- Classroom and behaviour management skills (2)
- Understand secondary school students' development (1)
- Recognise range of pupils and diversity of schools (1)
- Knowledge of citizenship, personal, social and health development (1)
- Cultural and emotional development (1)
- Principles of training methods knowledge and skills (1)
- ICT analysis (1)
- Knowledge of educational value of activity (1)
- Identify pupils' qualities (1)
- Evolution of education and PE (1)
- Analysis of activities (1)
- Critical perception of education and content (1)
- Self-learning (1)
- Organisation and leadership (1)
- Environmental education (1)

3. Natural/Biological Sciences

- Knowledge of structure, function and control of physical systems (10)
- Understanding and application of biomechanical principles to motion (9)
- Knowledge of human anatomy (7)
- Knowledge of health, fitness and quality of life (4)
- Appreciation of health and environmental ecology (1)
- Knowledge of nutrition and drugs (1)
- Knowledge of mental and physical development (1)
- Knowledge of biology (1)
- Critical thinking to understand concepts meaningfully (1)
- Training theory (1)
- Knowledge of age group characteristics (1)
- Development of hygienic habits (1)

4. Social Sciences

- Knowledge of PE/sport in society historical/sociological developments (8)
- Psychological/Sociological Knowledge of human movement (5)
- Understand concept of culture and application to PE and sport (4)
- Moral and ethical abilities (3)
- Communication skills (2)
- General knowledge of activity in own country (2)
- Knowledge of social dynamics/group interaction (2)
- Motor development and learning knowledge (1)
- Socialisation skills (1)
- Knowledge of 'local' law (1)
- Knowledge of social, gender and ethnic diversity (1)
- Understand main paradigms of PE/sport (1)
- Interdisciplinary work skills (1)
- Adapt skills to diverse actions (1)
- Analyse PE/sport from different theoretical perspectives (1)
- Comparatively analyse PE/sport: focus on goals, structures, processes (1)
- Knowledge of movement, body and gender theories (1)
- Knowledge of environmental aspects in school and society (1)
- Understand and eradicate inequality issues (1)

4. Research Studies

- Preparation and conduct of project in PE (9)
- Ability to generate quantitative/qualitative data (8)
- Present written report (7)
- Understand and handle different scientific methods (6)
- Reflective analysis and judgement on enquiry and results (6)
- Creativity skills (1)
- Promotion of perception of PE knowledge (1)

5. Teaching Practica

- Application of teaching skills (7)
- Experience Content, pedagogical and contextual knowledge (6)
- Assessment and evaluation of teaching skills (3)
- Prepare schemes and lesson plans (3)
- Work with/teaching disabled/ESN pupils (3)
- Planning, investigation and realisation of projects (3)
- Curriculum design (2)
- Practice/participation in a range of activities (2)
- Knowledge of principles of organisation, leadership and counselling (1)
- Ability to demonstrate (1)
- Knowledge of co-operative learning (1)
- School development (democracy and multi-cultural issues ETC.) (1)

6. Other

- Development of personal philosophy (1)
- Knowledge of professional and social status of elite athletes (1)
- Image promotion (1)
- Knowledge of sports supplies (1)
- Use of new activities (1)
- Use of multi-media (1)
- Organisation of skills for minority groups (1)
- Education and training towards independence (1)
- Aesthetic learning processes (1)
- Career orientation (1)
- Life-long learning (1)
- Integration into Europe (1)

* NB. Figures in brackets represent frequency of listing.