

EFFECTIVE: SEPTEMBER 2004 CURRICULUM GUIDELINES

А.	Division:	Education		Effective Date:		September 2004	
B.	Department / Program Area:	Science and Technology Sport Science	R	evision	X	New Course	
		~ F	If P	Revision, Section(s)	L	C	
			D	ate of Previous Revisio	n:	November 21, 2000	
C٠	SPSC 1300	D. The Analysi	D sof P	ate of Current Revision	:	September 2004	
с.	5150 1500	Sports	.5 01 1			L. J	
	Subject & Cou	rse No. Descrip	tive T	itle	Ser	mester Credits	
F:	Calendar Description:						
	In this course, selected team sports will be used as models for analysis. Topics include the study of the purposes of analysis, the study of the common elements in team sports and an examination of analysis methods and procedures.						
G:	Allocation of Co	ontact Hours to Type of Instruction	H:	Course Prerequisites	:		
	/ Learning Settings			none			
	Primary Method	ds of Instructional Delivery and/or		hole			
	Learning Settings: Lecture and Practical Application		I:	Course Corequisites	:		
				none			
	Number of Cont for each descrip	Number of Contact Hours: (per week / semester for each descriptor)		Course for which thi	s Cour	se is a Prerequisite	
	4 hours per week Number of Weeks per Semester:		course for which and course is a recequisite			se is a l'rerequisite	
				none			
			K:	Maximum Class Siz	e:		
				20			
	13			30			
L:	PLEASE INDICATE:						
	Non-Credi	Non-Credit					
	College Cr	College Credit Non-Transfer					
	X College Cr	College Credit Transfer:					
	SEE BC TRANSFER GUIDE FOR TRANSFER DETAILS (www.bccat.bc.ca)						

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M:	Course Objectives / Learning Outcomes					
	Upo	Upon completion of the course, the student will be able to:				
	1. Describe the purpose, scope and role of analysis within the team sport context.					
	2. Describe and demonstrate the application of theories of team sport performance analysis.					
	3. Describe and demonstrate methods of team sport performance analysis.					
	4. Identify the elements of team sport performance analysis.					
	5.	Demonstrate the analysis of selected team sport performance elements.				
N:	Cou	Course Content:				
	1. Introduction to Team Sport Performance Analysis					
	2.	 The student will: 1.1. Describe the role of analysis in improving team sport performance with respect to: 1.1.1. Coaching and teaching 1.1.2. The prediction of performance trends 1.1.3. The effectiveness of performance 1.1.4. Feedback 1.2. Describe the purpose of analysis in improving the following aspects of team sport performance: 1.2.1. Detection and identification of performance strengths and weaknesses 1.2.2. Interpretation of the opposition's strengths and weaknesses 1.2.3. Practical coaching information 1.3. Describe the physiological, biomechanical, technical, tactical and psychological dimensions of analysis. Theories of Analysis The student will: 2.1. Discuss the basic concepts arising from a review of the literature pertaining to sport specific analytical research. 2.2. Describe the development of a sport specific hierarchical organization model. 2.3. Describe the design of team sport specific quantitative and qualitative analysis procedures. 2.4. Demonstrate the application of team sport analysis procedures to specific sport competitions. 2.5. Identify the factors associated with the interpretation of the analysis. 				
	3	2.6. Discuss the interpretation of the results of the analysis. Methods of Analysis				
		The student will: 3.1. Discuss the selection of technical and tactical priorities in team sport performance. 3.2. Describe qualitative analysis with respect to: 3.2.1. Methods and procedures 3.2.2. Statistical methodologies 3.2.3. The acquisition of statistics 3.2.4. The use of micro-computers 3.2.5. The use of video recordings				

continued

4. Elements of Analysis and Principles of Performance

The student will:

- 4.1. Describe the development of a sport model base.
- 4.2. Identify factors associated with the following elements of analysis:
 - 4.2.1. Physiological concepts as applied to physical activity
 - 4.2.2. Tactical components
 - 4.2.3. Biomechanical concepts
 - 4.2.4. Technical aspects
 - 4.2.5. Psychological concepts as applied to coaching skills
- 4.3. Identify the generic similarities, transfer abilities and differences in team sports.
- 4.4. Describe invasive and non-invasive team sport concepts.
- 4.5. Identify the principles of attack, defense and transition.
- 4.6. Describe the principles of attack, defense and transition with respect to:
 - 4.6.1. Temporal Factors
 - 4.6.2. Spatial factors
 - 4.6.3. Scoring opportunities
 - 4.6.4. Support play
 - 4.6.5. Set pieces
 - 4.6.6. Possession
 - 4.6.7. Manpower advantage
- 5. Application of the Elements of Analysis

The student will:

- 5.1. Describe and demonstrate the use and operation of analysis equipment.
- 5.2. Demonstrate the procedures and techniques associated with the use of team sport-specific analysis equipment.
- 5.3. Demonstrate the design of team sport-specific analysis procedures.
- 5.4. Demonstrate the analysis of team sport performance with respect to:
 - 5.4.1. Possession
 - 5.4.2. Spatial factors
 - 5.4.3. Defense
 - 5.4.4. Set pieces
 - 5.4.5. Scoring opportunities
- 5.5. Describe, through the analysis mode, methods of achieving the principles of team sport performance.
- 5.6. Describe, through the analysis mode, the relationship between the principles of team sport performance and successful team sport performance.

O: Methods of Instruction

Lecture

- Discussion groups Audio-visual presentations Practical applications Computer usage Video cassette recording usage Computer-video interactive system Field observation Guest presenters
- P: Textbooks and Materials to be Purchased by Students

TBA

SPSC 1300

Q:	Means of Assessment			
	Practical/Modules	30%		
	Preparation & Participation	20%		
	Mid-term Examinations	20%		
	Final Examination	10%		
	Term Paper	<u>20%</u>		
	TOTAL:	100%		
R:	Prior Learning Assessment and Recognition: specify whether course is open for PLAR			

Course Designer(s)

Education Council / Curriculum Committee Representative

Dean / Director

Registrar

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