MODULE SPECIFICATION

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Module Code:	SPT626

Module Title:	Advanced Performance Analysis

Level:	6	**Credit Value:**	20

Cost Centre(s):	GASP	JACS3 **code**: HECoS code:	C600 100433

Faculty	FSLS	**Module Leader:**	Julian Ferrari

Scheduled learning and teaching hours	12 hrs
Placement tutor support	4 hrs
Supervised learning eg practical classes, workshops	10 hrs
Project supervision (level 6 projects and dissertation modules only)	0 hrs
Total contact hours	**26** hrs
Placement / work based learning	
Guided independent study	174 hrs
Module duration (total hours)	200 hrs

Programme(s) in which to be offered (not including exit awards)	Core	Option
BSc (Hons) Applied Sport and Exercise Sciences	✓	☐
BSc (Hons) Football Coaching and the Performance Specialist	✓	☐

Pre-requisites
None

Office use only
Initial approval: 01/04/2020 Version no: 1
With effect from: 28/09/2020
Date and details of revision: Version no:

Module Aims
This module aims to: Develop the ability to design models that can be used to assess performance. Identify and utilise technology in the collection, analysis and dissemination of technical and/or tactical information Consider the most appropriate and effective mechanisms for feeding back information. Expose students to a range of practical issues, formats and technologies in conducting performance analysis

Module Learning Outcomes - at the end of this module, students will be able to	
1	Construct an analysis system for a chosen environment.
2	Critically analyse data collected in a specific environment
3	Construct and design a feedback mechanism
4	Critically reflect on the implementation and effectiveness of the feedback.

Employability Skills **The Wrexham Glyndŵr Graduate**	**I = included in module content** **A = included in module assessment** **N/A = not applicable**
CORE ATTRIBUTES	
Engaged	I
Creative	I
Enterprising	I
Ethical	I
KEY ATTITUDES	
Commitment	A
Curiosity	A
Resilient	A
Confidence	A
Adaptability	A
PRACTICAL SKILLSETS	
Digital fluency	A
Organisation	A
Leadership and team working	A
Critical thinking	A
Emotional intelligence	A
Communication	A

Derogations
None

Assessment:
Indicative Assessment Tasks:
Assessment 1: **Presentation (30 minutes duration)** The student will produce a presentation that examines performance analysis issues for a sport or activity. The student will develop a technologically based analysis system and critically evaluate its ability to assess the issues identified. The student will use the technologically based system developed to critically evaluate the issues identified in relation to the specific environment / setting identified for the analysis. The student will identify the learning preferences of the recipient; develop a technological mechanism for disseminating the results of their analysis; and critically reflect on the feedback process.

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)
1	1,2,3 and 4	Presentation	100%

Learning and Teaching Strategies:
This module will be taught through a series of lectures, seminars, practical workshops and blended learning, with the primary emphasis on the application of theory to practice. Whilst lectures and seminars will be used to further develop theoretical components of the module, students will also be required to develop their use of leading computer software (Hudl SportsCode and NacSport), these will be taught through workshops and blended learning opportunities. As an additional aid to learning external links and reading materials will be highlighted. These will enable the student to identify strengths and weaknesses in their knowledge as well as opportunities to access resources in their own time. Formative learning opportunities will be provided throughout the module.

Syllabus outline:
Exploring the underlying detail in a performance The concept of normative profiles

Syllabus outline:
Understanding the processes of linking biomechanics and notation analysis Development of feedback mechanisms Advanced application of computerised and technology based performance systems in the analysis of sport. Confirming the reliability of inter-rater data

Indicative Bibliography:
Essential reading
Hughes, M. and Franks, I. (2004), Notational analysis of sport. 2nd ed. London: Routledge. Hughes, M. and Franks, I. (2015), The Essentials of Performance Analysis. London: Routledge. Nelson, L., Groom, R. and Potrac. (2016), Learning in Sports Coaching: Theory and Application. London: Routledge
Other indicative reading
Franks, I. and Hughes, M. (2016), Soccer Analytics: Successful Coaching Through Match Analyses. Maidenhead: Meyer & Meyer Sport. O'Donoghue, P. (2009), Research Methods in Sports Performance Analysis. London: Routledge. O'Donoghue, P., and Holmes, L. (2014), Data Analysis in Sport. London: Routledge. Passos, P,. Araujo, D, and Volossovitch, A. (2017), Performance Analysis in Team Sports. London: Routledge.