

Module specification

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Refer to guidance notes for completion of each section of the specification.

Module Code	SPT630
Module Title	Analysing Performance for Improvement
Level	6
Credit value	20
Faculty	FSLS
HECoS Code	100433
Cost Code	GASP

Programmes in which module to be offered

Programme title	Is the module core or option for this programme
BSc (Hons) Applied Sport and Exercise Sciences	Core
BSc (Hons) Football Coaching and the Performance Specialist	Core
BSc (Hons) Coaching: Sport & Fitness	Core

Pre-requisites

N/A

Breakdown of module hours

Learning and teaching hours	12 hrs
Placement tutor support	4 hrs
Supervised learning e.g. practical classes, workshops	10 hrs
Project supervision (level 6 projects and dissertation modules only)	0 hrs
Total active learning and teaching hours	26 hrs
Placement / work-based learning	14 hrs
Guided independent study	160 hrs
Module duration (total hours)	200 hrs

For office use only	
Initial approval date	08/12/2021
With effect from date	01/09/2022
Date and details of revision	June 2022 – added to newly validated BSc (Hons) Coaching: Sport & Fitness programme
Version number	2

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

Assessment

Indicative Assessment Tasks:

This section outlines the type of assessment task the student will be expected to complete as part of the module. More details will be made available in the relevant academic year module handbook.

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 - 4	Presentation	100

Derogations

N/A

Learning and Teaching Strategies

This module will be taught through a series of lectures, seminars, practical workshops and blended learning, in line with the University's Active Learning Framework (ALF) with the primary emphasis on the application of theory to practice. This will include in-person sessions, online video conferencing (synchronous content) and student directed online resources (asynchronous content). The use of workshops and practical exercises will allow students to understand the content and use of the processes being taught.

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.

Indicative Syllabus Outline

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

Please note the essential reads and other indicative reading are subject to annual review and update.

Essential Reads

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.

Employability skills – the Glyndŵr Graduate

Each module and programme is designed to cover core Glyndŵr Graduate Attributes with the aim that each Graduate will leave Glyndŵr having achieved key employability skills as part of their study. The following attributes will be covered within this module either through the content or as part of the assessment. The programme is designed to cover all attributes and each module may cover different areas.

Core Attributes

Engaged
Enterprising
Creative
Ethical

Key Attitudes

Commitment
Curiosity
Resilience
Confidence
Adaptability

Practical Skillsets

Digital Fluency
Organisation
Leadership and Team working
Critical Thinking

