

MODULE SPECIFICATION FORM

Module Title:	Technique Analysis in Football	Level:	4	Credit Value:	20
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Module code:	FAW405	Is this a new module?	Yes	Code of module being replaced:	
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Cost Centre:	GASP	JACS3 code:	C600
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Trimester(s) in which to be offered:	1, 2 & 3	With effect from:	Sept 2016
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School:	School of Social and Life Sciences	Module Leader:	Dr Tim Donovan
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Scheduled learning and teaching hours	40 hrs
Guided independent study	160 hrs
Placement	0 hrs
Module duration (total hours)	200 hrs

Programme(s) in which to be offered	Core	Option
BSc. (Hons.) Football Coaching and the Performance Specialist	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Pre-requisites
None

Office use only

Initial approval August 2016

APSC approval of modification -

Version 1

Have any derogations received SQC approval?

Yes No

Module Aims

This module aims to:

- Introduce and develop knowledge and understanding of technique analysis to describe movement in football.
- Study how technique analysis can inform the football analyst and sports performer.
- Use a variety of tools and techniques to study gross and fine movements, and movement patterns in football.

Intended Learning Outcomes

Key skills for employability

KS1	Written, oral and media communication skills
KS2	Leadership, team working and networking skills
KS3	Opportunity, creativity and problem solving skills
KS4	Information technology skills and digital literacy
KS5	Information management skills
KS6	Research skills
KS7	Intercultural and sustainability skills
KS8	Career management skills
KS9	Learning to learn (managing personal and professional development, self-management)
KS10	Numeracy

At the end of this module, students will be able to

Key Skills

At the end of this module, students will be able to		Key Skills	
1	Describe the key technical components of a skill or action in football	KS1	KS2
		KS6	
2	Compare the technical proficiencies between skill levels in football and examine how these impact on the performance of the skill.	KS1	KS3
		KS5	KS6
3	Demonstrate a comprehension of simple mechanical principles involved in football.	KS1	KS3
		KS10	
4	Demonstrate an ability to use audio visual and information technology to effectively assess technique in football.	KS1	KS4
		KS10	

Transferable/key skills and other attributes

Working independently, working in groups, IT, working in a practical and laboratory environment, self-management, numeracy and problem solving.

Derogations

N/A

Assessment:**Assessment 1: Coursework**

Individually the student will produce a submission using coaching and peer reviewed literature to examine a football skill or action and identify its key technical components. They will assess the difference between proficient and non-proficient exponents of the skill and identify the impact these inconsistencies have on the outcome of the skill.

Assessment 2: Report

Individually the students will record a football skill or action using a video medium. They will use the recorded sporting action to describe the key components of the movement in terms of biomechanical principles using appropriate analysis software, reporting this in the form of a report.

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)	Duration (if exam)	Word count (or equivalent if appropriate)
1	1 and 2	Coursework	50 %		2000 words
2	3 and 4	Report	50 %		2000 word equivalent

Learning and Teaching Strategies:

A combination of lead-lectures, practical workshops and seminars will form the basis of this module. Students will be required to undertake background reading and experiential work will be conducted across a range of sports. Formative assessments will be provided through practical tasks and feedback to students on performance in class-based tasks.

Syllabus outline:

- The uses of recording media (video, slow motion cameras and hand held devices) in the collection of performance analysis data (use of, benefits and limitations).
- Technique V skill
- Technical development stages from youth to adult and how to advance them
- Practical considerations for coaching and analysing technique
- Technical detail related to football movements
- Variations and adaptations to technique based on area /positions
- The assessment and calculation angular and linear kinematics in sport technique.
- Aerodynamics and its impact on motion and flight in sport.
- Skill development and the differences in levels of attainment.

Bibliography:**Essential reading**

Nunome, H. and Hennig, E. (2016), *Football Biomechanics*. London: Routledge.

Blazevich, A. (2010), *Sports Biomechanics, the Basics: Optimising Human Performance*. London: A & C Black.

Hargreaves, R. and Bate R. (2010), *Skills and Strategies for Soccer Coaching. The complete Soccer Coaching Manual*. 2nd ed. Champaign Il; Human Kinetics.

Other indicative reading

Nunome, H., Drust, B. and Dawson, B. (2016), *Science and Football VII: The Proceedings of the Seventh World Congress on Science and Football*. London: Routledge.

Clemente, F.M. (2016). *Small-Sided and Conditioned Games in Soccer Training: The Science and Practical Applications*. New York: Springer.

Strudwick, T. (2016), *Soccer Science*. Champaign Il: Human Kinetics.

Sumpter, D. (2016), *Soccermaths: Mathematical Adventures in the Beautiful Game*. London: Bloomsbury.