

Liverpool John Moores University

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Title: PERFORMANCE ANALYSIS IN FOOTBALL
Status: Definitive
Code: **5004SPFOOT** (117525)
Version Start Date: 01-08-2016

Owning School/Faculty: Sport and Exercise Sciences
Teaching School/Faculty: Sport and Exercise Sciences

Team	Leader
Paul Bradley	Y
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Mark Lake	

Academic Level: FHEQ5
Credit Value: 24
Total Delivered Hours: 49
Total Learning Hours: 240
Private Study: 191

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	27
Practical	15
Seminar	6

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Presentation	P	Presentation	50	
Report	QAR	Qualitative Analysis Report	25	
Exam	Ex	Examination	25	1

Aims

1. *Develop notational concepts and techniques applicable to the study of Science and Football,*
2. *Apply these notational concepts and techniques to the analysis of football performance.*
3. *Develop biomechanical concepts and techniques applicable to the study of Science and Football.*
4. *Apply these biomechanical concepts and techniques to the analysis of football skills, equipment and injury*

Learning Outcomes

After completing the module the student should be able to:

- 1 Design a notation system for systematic observation in football performance.
- 2 Analyse and present data on football strategy and tactics.
- 3 Apply concepts and techniques of biomechanics in football.
- 4 Apply qualitative concepts and techniques of biomechanics in football.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Presentation	1	2
Qualitative Analysis Report	3	
Examination	4	

Outline Syllabus

1. *Notational analysis in football*
2. *Designing and developing a hand-based notation system for football*
3. *Computer-based systems*
4. *Formative assessment: group presentations*
5. *Lab Practical: Feed forward assignment session*
6. *Lab Practical X3: Computer-based analysis and reliability checks*
7. *Performance analysis in football: an applied perspective*
8. *Motion analysis and its role in physiological/workload assessment*
9. *Biomechanical principles X4*
10. *Biomechanics of football skills X4*
11. *Soccer injuries and equipment*
12. *Biomechanics laboratory practical X2*
13. *Guest lecture*
14. *Course review and summary*

Learning Activities

Students are expected to attend time-tabled lectures/seminars and are encouraged to utilise the available directed learning/tutorial time to get advice from the module staff and/or conduct essential reading. Some of the teaching sessions will contain practical laboratory work where students will collect, analyse and interpret data. In addition, students will be expected to engage in a significant amount of private study. Students should complete the required and recommended reading to widen their knowledge and understanding, along with their ability to evaluate material. Students will be required to provide evidence of this in the production of their coursework.

Notes

This module is designed to introduce students to key issues in the development of footballers and the role of science in football performance. It also attempts to introduce reflective practice. This will be evaluated by the completion of the relevant assessment tasks. This module will incorporate support strategies in an attempt to ensure student progression. This will include feed forward and feedback on assessment and personal tutorial support.