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| Module code: MOD005679 | Version: 4 Date Amended: 14/Jan/2020 |
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| 1. Module Title |
| Applied Performance Analysis |

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| 2a. Module Leader |
| David Turner |

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| 2b. School |
| School of Psychology, Sport and Sensory Sciences |

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| 2c. Faculty |
| Faculty of Science and Engineering |

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| 3a. Level |
| 5 |

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| 3b. Module Type |
| Standard (fine graded) |

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| 4a. Credits |
| 15 |

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| 4b. Study Hours |
| 150 |

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| 5. Restrictions | | | |
| Type | Module Code | Module Name | Condition |
| Co-requisites: | None | | |
| Exclusions: | None | | |
| Courses to which this module is restricted: | BSc (Hons) Sports Coaching and Physical Education (all variants) | | |

LEARNING, TEACHING AND ASSESSMENT INFORMATION

6a. Module Description

This module builds on from the knowledge developed in the Analysis of performance module and takes your performance analysis skills into the field working with a sports team, athlete or coach. You will be expected to liaise with a team, coach or athlete to develop key performance indicators, collect relevant performance data and then analyse this before presenting the outcomes in an appropriate format. This module will further develop the skills learnt in analysis of performance - underlying principles of being a performance analyst, creating key performance indicators, reliability and validity of data and the use of software and enhance these skills with experience. This module will require some of the core skills of employability including data management, planning, working within a team and time management. You will also learn advanced skills in data analysis and presentation skills. This is a predominantly practical based module which requires you to work independently within your group liaising with external coaches and athletes, helping to develop your time management and communication skills.

6b. Outline Content

- Development of key performance indicators in the students chosen sport
- Consider the role of validity and reliability in performance analysis research
- Theoretical and applied use of notational software and other performance analysis technology
- Develop a performance indicator(s) which is suitable for a chosen sport
- Application of performance analysis principles in respect to a game/match in the students chosen sport
- Working within a sports team to evaluate performance
- Demonstrate advanced excel skills to review performance

6c. Key Texts/Literature

The reading list to support this module is available at: <https://readinglists.aru.ac.uk/>

6d. Specialist Learning Resources

Team based learning room

Performance Analysis Software

Macbook Pro laptops / iMacs

| 7. Learning Outcomes (threshold standards) | | |
|--|---|---|
| No. | Type | On successful completion of this module the student will be expected to be able to: |
| 1 | Knowledge and Understanding | Work with a sports team or coach to produce KPIs for a chosen sport, sport action or coach behaviour. |
| 2 | Knowledge and Understanding | Manage exported data from performance analysis software and data capture technologies. |
| 3 | Intellectual, practical, affective and transferrable skills | Analyse a sport or performer(s) or coach using performance analysis software to provide evaluation of performance |
| 4 | Intellectual, practical, affective and transferrable skills | Present relevant data back to the team or coach in an appropriate format |

| 8a. Module Occurrence to which this MDF Refers | | | | |
|--|------------|---|----------|------------------|
| Year | Occurrence | Period | Location | Mode of Delivery |
| 2025/6 | ZZF | Template For Face To Face Learning Delivery | | Face to Face |

| 8b. Learning Activities for the above Module Occurrence | | | |
|---|-------|-------------------|--|
| Learning Activities | Hours | Learning Outcomes | Details of Duration, frequency and other comments |
| Lectures | 18 | 1-4 | Lectures each week ranging from 1hr to 2hrs |
| Other teacher managed learning | 18 | 1-4 | Seminars each week ranging from 1hr to 2hrs depending on duration of lecture |
| Student managed learning | 114 | 1-4 | Practical coding, assessment work and reading |
| TOTAL: | 150 | | |

| 9. Assessment for the above Module Occurrence | | | | | |
|---|-------------------|-------------------|---------------|-------------------------|---------------------|
| Assessment No. | Assessment Method | Learning Outcomes | Weighting (%) | Fine Grade or Pass/Fail | Qualifying Mark (%) |
| 010 | Practical | 1-4 | 40 (%) | Fine Grade | 30 (%) |
| Presentation: Students will be required to report their findings and methods in relation to the brief given. (1000 words equivalent) | | | | | |
| Assessment No. | Assessment Method | Learning Outcomes | Weighting (%) | Fine Grade or Pass/Fail | Qualifying Mark (%) |
| 011 | Coursework | 1-4 | 60 (%) | Fine Grade | 30 (%) |
| Written Report: Comparison of observed coaching behaviour in relation to relevant literature. (1500 words) | | | | | |

In order to pass this module, students are required to achieve an overall mark of 40% (for modules at levels 3, 4, 5 and 6) or 50% (for modules at level 7*).

In addition, students are required to:

- (a) achieve the qualifying mark for each element of fine graded assessment as specified above**
- (b) pass any pass/fail elements**

[* the pass mark of 50% applies for all module occurrences from the academic year 2024/25 – see Section 3a of this MDF to check the level of the module and Section 8a of this MDF to check the academic year]