

Course Title: **Sport Performance Analysis**

Course Code: **SPSC608**

Descriptor Start Date: **01/01/2026**

POINTS: **15.00**

LEVEL: **6**

PREREQUISITE/S:

COREQUISITE/S:

RESTRICTION/S:

LEARNING HOURS

Hours may include lectures, tutorials, online forums, laboratories. Refer to your timetable and course information in Canvas for detailed information.

Total learning hours: 150

PRESCRIPTOR

Introduces sport performance technology and analysis through theoretical concepts and practical applications. Explores the data collection and analysis fundamentals related to inform training and competition strategies. Informs coaches, athletes, sport science researchers, and other professionals on using data and technology to improve sport performance.

LEARNING OUTCOMES

1. Identify key principles and concepts of performance analysis in sport.
2. Critique sport performance data to improve individuals or teams.
3. Collect, process, and present qualitative and quantitative sport data.
4. Apply critical thinking and problem-solving skills through applied practice.

Disclaimer: Course descriptors may be amended between teaching periods/semesters

CONTENT

- Introduction to Sport Performance Analysis
- Definition and history of sport performance analysis
- HUDL Accreditation Level 1 Sport Code
- Data collection in Sport Performance Analysis (drone, sportscodes, video)
- Types of data collected in sport performance analysis (tactical, technical, temporal, spatial, physical, coach, movement)
- Data management and storage
- Software used in data analysis (e.g., Dartfish, Sports Code, Kinovea) and camera management
- Interpreting and presenting data
- Using sport performance analysis to identify areas for improvement
- Careers in sport performance analysis

LEARNING & TEACHING STRATEGIES

The course will include lectures, practical sessions and assessments. Participants will be required to complete a project demonstrating their understanding and application of sport performance analysis.

ASSESSMENT PLAN

Assessment Event	Weighting %	Learning Outcomes
Practical Assessment	20.00	LO3, LO4
Portfolio	60.00	LO1, LO2, L03
Verbal Assessment	20.00	LO3, LO4

Grade Map

MAP1

A+ A A- Pass with Distinction
B+ B B- Pass with Merit
C+ C C- Pass
D Fail

Overall requirement/s to pass the course:

Students must achieve an overall average grade of at least C- across all summative assessments to pass this course.

LEARNING RESOURCES

Refer to Canvas for a list of the recommended readings and resources for this course.

For further information, contact: Te Ara Hauora A Putaiao - Faculty of Health & Environmental Science

Principal Programme: AK3521, Bachelor of Sport, Exercise and Health

Related Programme/s: AK1031, AK1032

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