



Course Syllabus

Course Code	Course Title	ECTS Credits
SPRT-403	Technology in Sports	6
Prerequisites	Department	Semester
None	Management	Fall/Spring
Type of Course	Field	Language of Instruction
Major	Sports Management	English
Level of Course	Lecturer(s)	Year of Study
1 st Cycle	Dr Christoforos Yiannaki/Andreas Vasiliou	4 th
Mode of Delivery	Work Placement	Corequisites
Face to Face	N/A	None

Course Objectives:

The main objectives of the course are to:

- Introduce the student to the relevance of technology in sport.
- Provide a historical overview of how sports equipment have evolved over time and how the technological advancements have contributed to this.
- Examine the relevance of technology in sports training, sports science and sports competition.
- Provide the areas of sporting practice in which technology is applied.
- Provide the relationship between technology and sports promotion, marketing and broadcast.

Learning Outcomes:

After completion of the course students are expected to be able to:

1. Describe how technology has influenced modern sport.
2. Explain how technology is relevant to other aspects of sport like training and research.
3. Distinguish the areas of sport where technology is applied.
4. Contrast on the relevance of technology in sports promotion and marketing.
5. Correlate the contribution of sport technology in economy and revenue making.
6. Illustrate the new technology devices to help professionals and athletes improve their knowledge.

7. Analyze the emerging technologies and considers how sport managers can meet challenges.

Course Content:

- Historic overview of sports equipment
- The double relationship between technology and sport development
- Clothing and protective gear
- Footwear
- Playing surfaces
- Team Sport large equipment
- Electronic timing systems
- Media and sport
- Sports simulations

Learning Activities and Teaching Methods:

Lectures, videos, presentations, assignments, exercises, tutorials

Assessment Methods:

Presentations, assignments, exercises, participation, attendance, quizzes, Mid-Term exam, Final exam

Required Textbooks / Readings:

Title	Author(s)	Publisher	Year	ISBN
Emerging Technologies in Sport	Cheryl Mallen	Routledge	2019	1351117882
The Use of Technology in Sport	Daniel Almeida Marinho, Henrique P. Neiva	BoD – Books on Demand	2018	1789844827
Synergy Sports Technology, 2 nd Ed.	Gerardus Blokdyk	5STARCOOKS	2018	9780655367512

Recommended Textbooks / Readings:

Title	Author(s)	Publisher	Year	ISBN
Sport and technology: An actor-network theory perspective	Kerr, Roslyn	Manchester University Press	2016	9781784995201