



Course Code SPRT-403	Course Title Technology in Sports	ECTS Credits 6
Department Hospitality ,Tourism and Sports Management	Semester Fall / Spring	Prerequisites None
Type of Course Compulsory/Elective	Field Sports Management	Language of Instruction English
Level of Course 1 st Cycle	Year of Study Fourth	Lecturer(s)
Mode of Delivery face-to-face	Work Placement N/A	Co-requisites None

Objectives of the Course:

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 will be expected to be able to:

1. Understand how technology has influenced modern sport
2. Know how technology is relevant to other aspects of sport like training and research
3. Distinguish the areas of sport where technology is applied
4. Understand the relevance of technology in sports promotion and marketing
5. Understand the contribution of sport technology in economy and revenue making

Course Contents:

1. Historic overview of sports equipment
2. The double relationship between technology and sport development
3. Clothing and protective gear
4. Footwear
5. Playing surfaces
6. Team Sport large equipment
7. Electronic timing systems
8. Media and sport
9. Sports simulations

Learning Activities and Teaching Methods

Lectures, Students' Presentations, Tutorials, Assignments, Movies and Videos

Assessment Methods:

Homework, Assignments, Mid term Exam, Final Exam

Required Textbooks/Reading

Authors	Title	Publisher	Year	ISBN
Geoff Thompson	Sports Technology	Nelson Thomson Learning	2001	1 86961 477 1
<ul style="list-style-type: none"> • A Course reading manual will be provided throughout the course-period. 				

Recommended Textbooks/Reading

Authors	Title	Publisher	Year	ISBN
Linda Bruce, John Hilvert, Alan Hilvert-Bruce	How does it work? Sports Technology	Smart Apple Media	2006	13978-1-58340-794-3