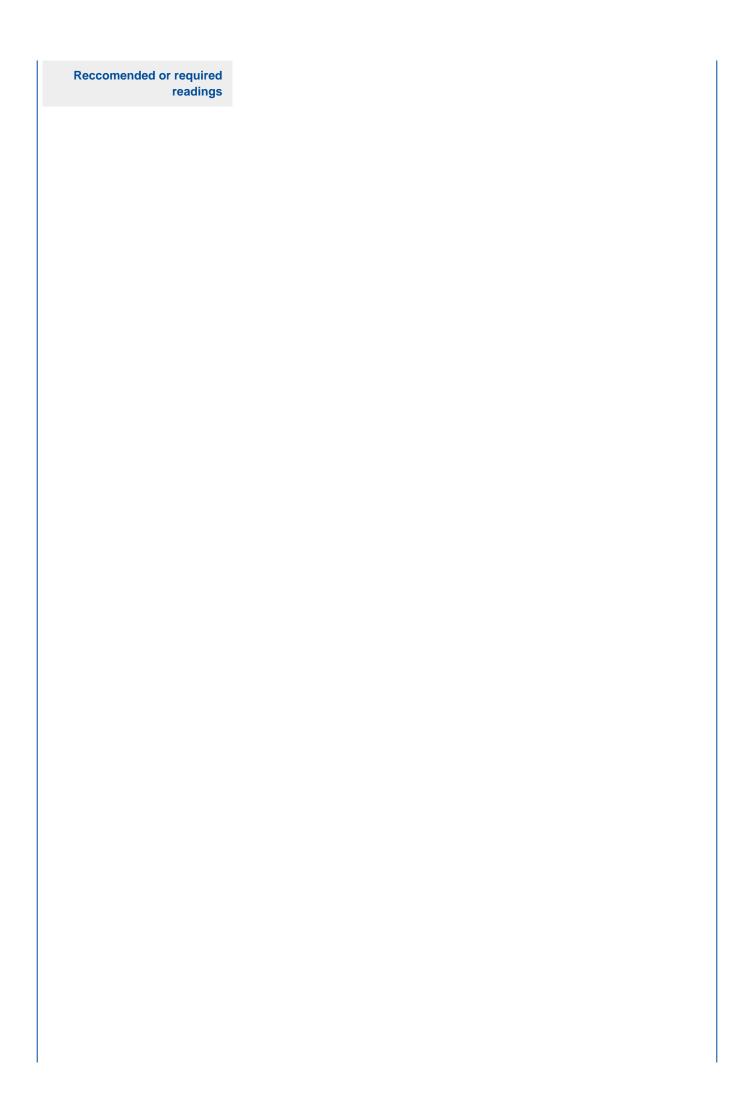
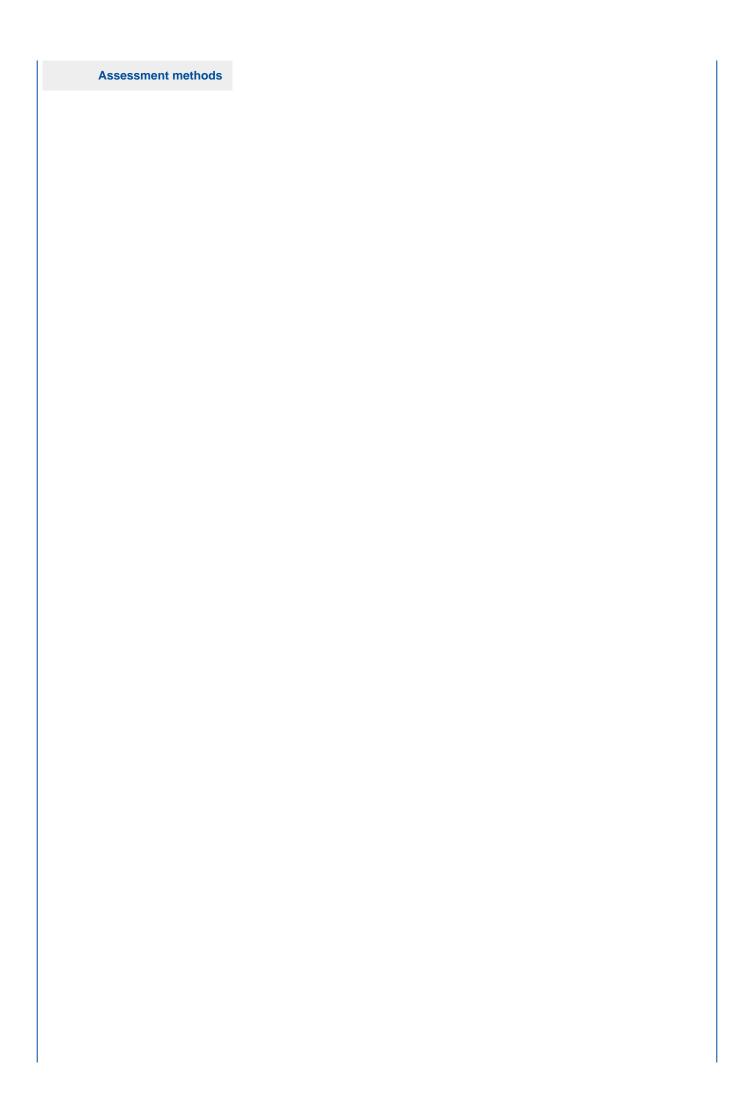


## Anno Accademico 2020/2021

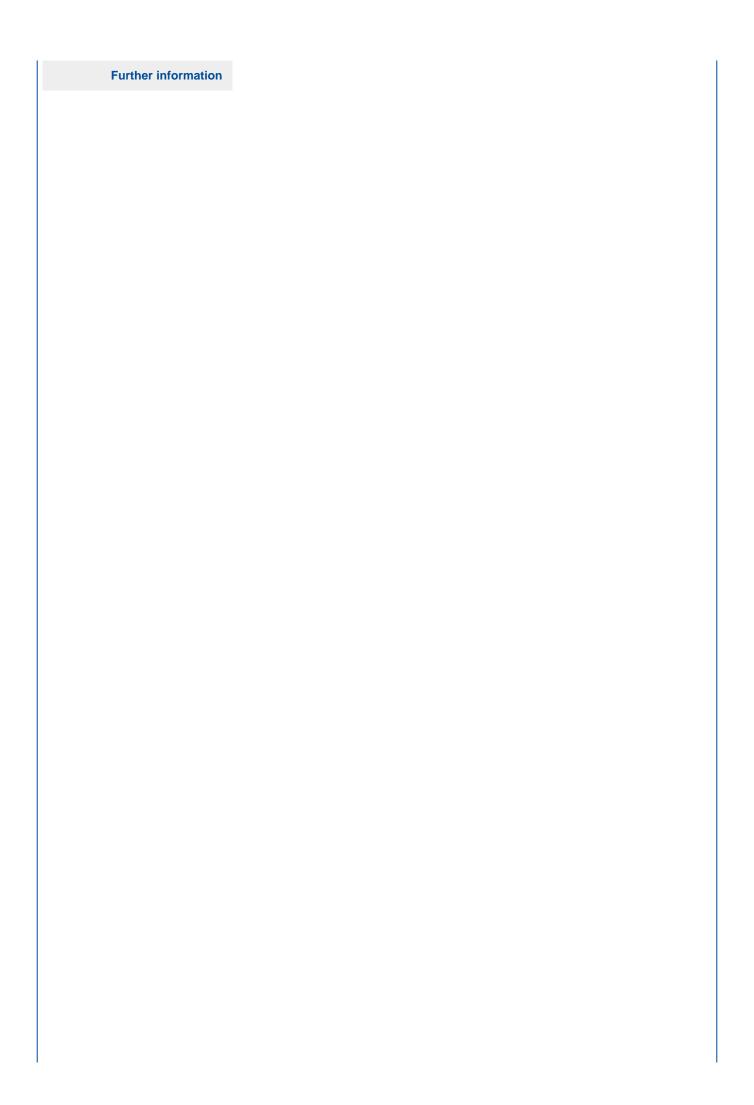
APPLIED PHYSIOLOGY			
Enrollment year	2020/2021		
Academic year	2020/2021		
Regulations	DM270		
Academic discipline	BIO/09 (PHYSIOLOGY)		
Department	DEPARTMENT OF ELECTRICAL, COMPUTER AND BIOMEDICAL ENGINEERING		
Course	BIOENGINEERING		
Curriculum	Sensoristica e strumentazione biomedica		
Year of study	1°		
Period	1st semester (28/09/2020 - 22/01/2021)		
ECTS	3		
Lesson hours	23 lesson hours		
Language	Italian		
Activity type	WRITTEN AND ORAL TEST		
Teacher	MOCCIA FRANCESCO (titolare) - 3 ECTS		
Prerequisites	An adequate knowledge of general physiology, biochemistry, physics and mathematics is required.		
Learning outcomes	The course aims at providing deeper insights into the role of ion channels in sensory physiology and at describing the possible therapeutic applications of ion channel physiology: e.g. optogenetics and optoceutics.		
Course contents	Membrane physiology: signal transduction and ion channels. Optogenetics. Sensory physiology and TRP channels. Functional applications of TRP channels: optoceutics. Ca2+ signaling and functional applications of Ca2+ signaling in cell physiology.		
Teaching methods	Frontal lectures.		



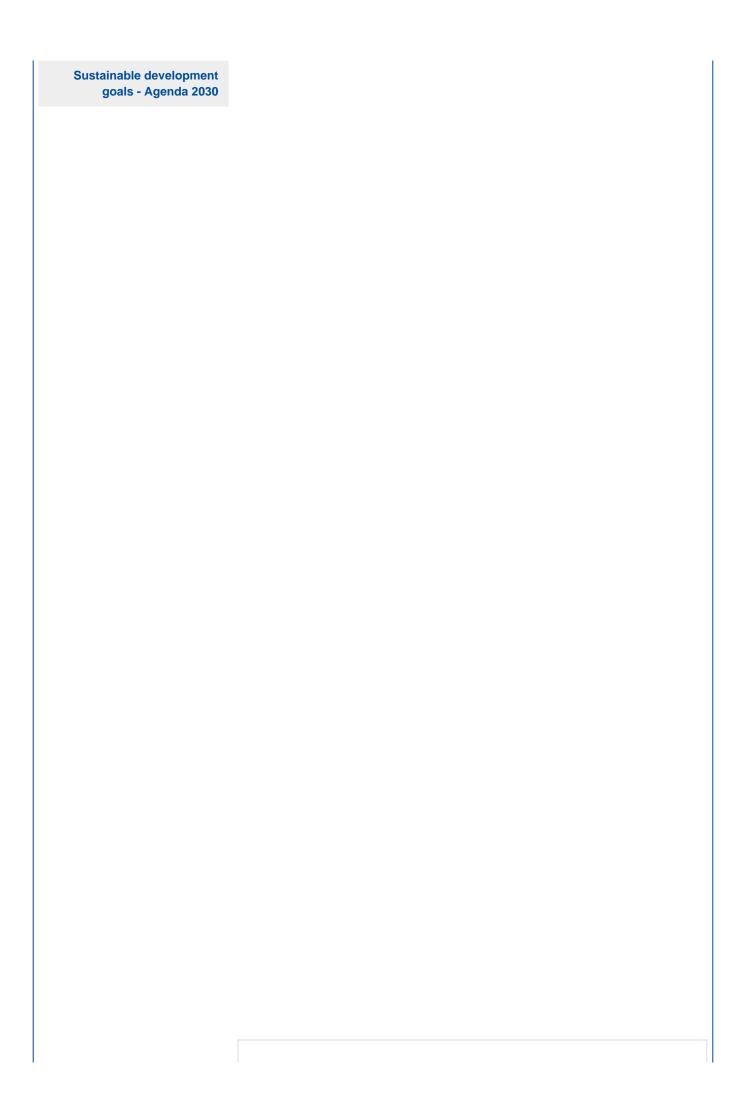
Fis pro	siologia e Biofisica delle Cellule - Taglietti e Casella, plus ma rovided by the teacher.	aterial



al examination.



No more information.



\$lbl legenda sviluppo sostenibile