

# Tecnologias e Design de Multimédia



Code 9491

Department Computer Sciences Department

Degree Licenciado (bachelor)

Registry Initial registry:  
R/A-Ef 733/2011 from 18-03-2011  
Changes registry:  
R/A-Ef 733/2011/AL01 from 19-04-2017

Duration 3 year(s)

Regime Daytime

National One of the following:  
03 Drawing  
entrance exams 12 History of Culture and Arts  
16 Mathematics

Course director Valter Nelson Noronha Alves

Course Secretariat Sílvia Moreira +351 232 480 533

## Curricular structure

### 1st Year - 1st Semester

Course unit	Contact hours				ECTS
	T	TP	PL	O	
<a href="#">Creativity and Multimedia Communication</a>	19,5	39	-	-	5
<a href="#">Drawing and Representation</a>	19,5	-	26	-	4
<a href="#">Multimedia Design</a>	19,5	-	52	-	6.5
<a href="#">Fundamentals of Multimedia</a>	19,5	39	-	-	5
<a href="#">Programming and Problem Solving</a>	19,5	52	-	-	6
<a href="#">Perceptual Psychology</a>	13	26	-	-	3.5

T - Theoretical; TP - Theoretical and Practical; PL - Practical and laboratorial; O - Other types

### 1st Year - 2nd Semester

Course unit	Contact hours				ECTS
	T	TP	PL	O	
<a href="#">Composition and Photography</a>	13	-	52	-	5.5
<a href="#">Identity Design</a>	13	-	39	-	5
<a href="#">Interaction Design I</a>	13	-	52	-	5.5
<a href="#">Fundamentals of Mathematics</a>	-	26	19,5	-	3.5
<a href="#">Programming and Data Structures</a>	13	-	52	-	5.5
<a href="#">Integrated Project I</a>	-	-	52	-	5

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### 2nd Year - 1st Semester

Course unit	Contact hours				ECTS
	T	TP	PL	O	
<a href="#">Internet Applications I</a>	13	-	52	-	5.5
<a href="#">Audiovisual Content I</a>	13	-	52	-	5.5
<a href="#">Interaction Design II</a>	19,5	-	39	-	5
<a href="#">Introduction to Communication Networks and Services</a>	13	39	-	-	4.5
<a href="#">Object Oriented Programming</a>	13	-	39	-	4.5
<a href="#">Integrated Project II</a>	-	-	52	-	5

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### 2nd Year - 2nd Semester

Course unit	Contact hours				ECTS
	T	TP	PL	O	
<a href="#">Animation</a>	13	-	39	-	4.5
<a href="#">Internet Applications II</a>	13	-	52	-	5.5
<a href="#">Databases</a>	13	39	-	-	4.5
<a href="#">Audiovisual Content II</a>	13	-	39	-	4.5
<a href="#">Interactive Content</a>	19,5	-	52	-	6
<a href="#">Integrated Project III</a>	-	-	52	-	5

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**3rd Year - 1st Semester**

Course unit	Contact hours				ECTS
	T	TP	PL	O	
<a href="#">Database Applications</a>	13	-	52	-	5.5
<a href="#">Internet Applications III</a>	13	-	52	-	5.5
<a href="#">Mobile Device Applications</a>	19,5	-	52	-	6.5
<a href="#">Computer Graphics</a>	13	-	52	-	5.5
<a href="#">Integrated Project IV</a>	-	-	78	-	7

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**3rd Year - 2nd Semester**

Course unit	Contact hours				ECTS
	T	TP	PL	O	
<a href="#">Advanced Multimedia Applications</a>	19,5	-	39	-	5
<a href="#">Game Development</a>	19,5	-	52	-	6.5
<a href="#">Digital Marketing</a>	13	26	-	-	3.5
<a href="#">Project Work</a>	-	-	-	45,5	15

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**Scientific areas**

Areas	ECTS
Audiovisuais e Produção para os Media	10
Computer Science	60
Competências Complementares	3.5
Design	45
Mathematics	3.5
Multimedia	58
<b>Total</b>	<b>180</b>