



## Teaching Guide

Identifying Data					2021/22
Subject (*)	Security in Mobile Devices	Code	614530011		
Study programme	Máster Universitario en Ciberseguridade				
Descriptors					
Cycle	Period	Year	Type	Credits	
Official Master's Degree	2nd four-month period	First	Optional	3	
Language	SpanishGalician				
Teaching method	Face-to-face				
Prerequisites					
Department	Electrónica e SistemasEnxeñaría de Computadores				
Coordinador	Fernández Caramés, Tiago Manuel	E-mail	tiago.fernandez@udc.es		
Lecturers	Fernández Caramés, Tiago Manuel	E-mail	tiago.fernandez@udc.es		
Web	moovi.uvigo.gal				
General description	<p>Coordinated by the University of Vigo. Check the guide in:</p> <p><a href="https://secretaria.uvigo.gal/docnet-nuevo/guia_docent/index.php?centre=305&amp;ensenyament=V05M175V01&amp;assignatura=V05M175V01206&amp;fitxa_apartat=31&amp;any_academic=2021_22">https://secretaria.uvigo.gal/docnet-nuevo/guia_docent/index.php?centre=305&amp;ensenyament=V05M175V01&amp;assignatura=V05M175V01206&amp;fitxa_apartat=31&amp;any_academic=2021_22</a></p>				
Contingency plan	<p>In case of online tuition, the methodologies used and the tests performed will be the same as in the case of in-person tuition. The only expected modification is that they will be carried out via Remote Campus and Moovi, instead of the School classrooms and laboratories.</p> <p>In case of online assessment, the weight of the different evaluation proofs would be the following:</p> <ul style="list-style-type: none"> <li>- Objective questions exam: 30 %</li> <li>- Problem and/or exercise solving: 30 %</li> <li>- Report of practices: 40 %</li> </ul> <p>COMPLEMENTARY REFERENCES</p> <ul style="list-style-type: none"> <li>- Platform Architecture - Android Developers: <a href="https://developer.android.com/guide/platform/">https://developer.android.com/guide/platform/</a> - Android Secure: <a href="https://source.android.com/security">https://source.android.com/security</a></li> <li>- Android Enterprise: <a href="https://www.android.com/enterprise/">https://www.android.com/enterprise/</a></li> <li>- Mobile Threat Catalogue - NIST: <a href="https://pages.nist.gov/mobile-threat-catalogue/">https://pages.nist.gov/mobile-threat-catalogue/</a></li> <li>- OWASP Mobile Security Project: <a href="https://www.owasp.org/index.php/OWASP_Mobile_Security_Project">https://www.owasp.org/index.php/OWASP_Mobile_Security_Project</a></li> <li>- ENISA: Smartphone Secure Development Guidelines: <a href="https://www.enisa.europa.eu/publications/smartphone-secure-development-guidelines-2016">https://www.enisa.europa.eu/publications/smartphone-secure-development-guidelines-2016</a></li> <li>- Guía de Seguridad de las TIC CCN-STIC 453E. SEGURIDAD DE DISPOSITIVOS MÓVILES: ANDROID 9.x. Centro Criptográfico Nacional. NIPO: 083-19-015-2: <a href="https://www.ccn-cert.cni.es/pdf/guias/series-ccn-stic/400-guias-generales/3588-ccnstic-453g-guia-practica-de-seguridad-en-dispositivos-moviles-android-9/file.html">https://www.ccn-cert.cni.es/pdf/guias/series-ccn-stic/400-guias-generales/3588-ccnstic-453g-guia-practica-de-seguridad-en-dispositivos-moviles-android-9/file.html</a></li> <li>- Guía de seguridad de las TIC (CCN-STIC-457): Gestión de dispositivos móviles: <a href="https://www.ccn-cert.cni.es/series-ccn-stic/guias-de-accesopublico-ccn-stic/14-ccn-stic-457-herramienta-de-gestion-dedispositivos-moviles-mdm/file.html">https://www.ccn-cert.cni.es/series-ccn-stic/guias-de-accesopublico-ccn-stic/14-ccn-stic-457-herramienta-de-gestion-dedispositivos-moviles-mdm/file.html</a></li> </ul>				

### Study programme competences

Code	Study programme competences

### Learning outcomes

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Learning outcomes	Study programme competences
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Contents	
Topic	Sub-topic

Planning				
Methodologies / tests	Competencies	Ordinary class hours	Student's personal work hours	Total hours
Personalized attention		0		0
(*)The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.				

Methodologies	
Methodologies	Description

Personalized attention	
Methodologies	Description

Assessment			
Methodologies	Competencies	Description	Qualification

Assessment comments

Sources of information	
Basic	
Complementary	

Recommendations	
Subjects that it is recommended to have taken before	
Subjects that are recommended to be taken simultaneously	
Subjects that continue the syllabus	
Other comments	

(\*)The teaching guide is the document in which the URV publishes the information about all its courses. It is a public document and cannot be modified. Only in exceptional cases can it be revised by the competent agent or duly revised so that it is in line with current legislation.