

COURSE: Mobile Networks

Master in Telematics Engineering

YEAR: 1st

TERM: 1st

WEEKLY PLANNING

WEEK	SESSION	DESCRIPTION	GROUPS		SPECIAL ROOM FOR SESSION (Computer class room, audio-visual class room)	Indicate YES/NO If the session needs 2 teachers: Maximum 4 sessions	WEEKLY PROGRAMMING FOR STUDENT		
			LECTURE	SEMINAR			DESCRIPTION	CLASS HOURS	HOMEWORK HOURS Maximum 7 H
1		<b>Part I: Introduction</b> <ul style="list-style-type: none"> <li>Course introduction</li> <li>Introduction to mobility (I)</li> </ul>		X			<ul style="list-style-type: none"> <li>Study concepts acquired on session 1</li> <li>Read texts associated with next session number (*)</li> </ul>	1,5	5h
2		<ul style="list-style-type: none"> <li>Introduction to mobility (II)</li> </ul>		X			<ul style="list-style-type: none"> <li>Study concepts acquired on session 2</li> <li>Read texts associated with next session number (*)</li> </ul>	1,5	5h
3		<ul style="list-style-type: none"> <li>Introduction to mobility Assignment</li> </ul>		X			<ul style="list-style-type: none"> <li>Study concepts acquired on sessions 1 and 2</li> <li>Prepare the first evaluation work</li> </ul>	1,5	5h
4		<b>Part II: IP mobility</b> <ul style="list-style-type: none"> <li>Advanced IP mobility: flow mobility</li> </ul>		X			<ul style="list-style-type: none"> <li>Study concepts acquired on session 4</li> <li>Read texts associated with next session number (*)</li> </ul>	1,5	5h
5		<ul style="list-style-type: none"> <li>Advanced IP mobility: distributed mobility management</li> </ul>					<ul style="list-style-type: none"> <li>Study concepts acquired on session 5</li> <li>Read texts associated with next session number (*)</li> </ul>		
6		<ul style="list-style-type: none"> <li>Advanced IP mobility assignment</li> </ul>		X			<ul style="list-style-type: none"> <li>Study concepts acquired on sessions 4 and 5</li> <li>Prepare the second evaluation work</li> </ul>	1,5	5h
7		<b>Part III: Mobility and routing</b>		X			<ul style="list-style-type: none"> <li>Study concepts acquired on session 7</li> <li>Read texts associated with next session number (*)</li> </ul>	1,5	5h

		<ul style="list-style-type: none"> <li>Location-based routing</li> </ul>							
	8	<ul style="list-style-type: none"> <li>Opportunistic routing</li> </ul>		X			<ul style="list-style-type: none"> <li>Study concepts acquired on session 8</li> <li>Read texts associated with next session number (*)</li> </ul>	1,5	5h
	9	<ul style="list-style-type: none"> <li>Mobility and routing assignment</li> </ul>					<ul style="list-style-type: none"> <li>Study concepts acquired on sessions 7 and 8</li> <li>Prepare the third evaluation work</li> </ul>		
	10	<b>Part IV: Performance evaluation</b> <ul style="list-style-type: none"> <li>Performance evaluation of Mobile IPv6 (laboratory) I</li> </ul>		X	X		<ul style="list-style-type: none"> <li>Read the laboratory manual and prepare de lab</li> </ul>	1,5	5h
	11	<ul style="list-style-type: none"> <li>Performance evaluation of Mobile IPv6 (laboratory) II</li> </ul>		X	X		<ul style="list-style-type: none"> <li>Read the laboratory manual and prepare de lab</li> </ul>	1,5	5h
	12	<ul style="list-style-type: none"> <li>Performance evaluation of Mobile IPv6 (laboratory) III</li> </ul>		X	X		<ul style="list-style-type: none"> <li>Read the laboratory manual and prepare de lab</li> </ul>		
<b>SUBTOTAL</b>								<b>16,5</b>	<b>+ 55 = 71,5</b>
		<b>Final exam</b>						1,5	
<b>TOTAL</b>									<b>73</b>

(\*)Texts are provided for each session in advance. They will be mainly articles and selected book chapters.