

<b>Module Title and Purpose</b>	<p><b>1 . Module Title, Code, Status:</b></p> <p><b><i>WATER AND SEWAGE SYSTEM</i></b> <span style="float: right;"><b>30-UJK-131</b></span></p> <p><b><i>Elective professional</i></b></p> <hr/> <p><b>2 .Aims / Goals of the Module</b></p> <ul style="list-style-type: none"> <li>• Acquisition of theoretical and practical knowledge about the basic aspects of the management (planning, design, construction and operation) of water supply and sewerage systems,</li> <li>• Acquisition of basic knowledge about hydraulic analysis of water supply and sewerage systems.</li> </ul>
<b>Module Delivery and content</b>	<p><b>3 .Contents:</b></p> <p>Lectures:</p> <ol style="list-style-type: none"> <li>1. Water supply – introduction, water supply systems</li> <li>2. Water consumption</li> <li>3. Springs, water intakes</li> <li>4. Pumping stations, water intakes</li> <li>5. Water conditioning</li> <li>6. Water tanks, water supply networks</li> <li>7. Water supply networks – calculation</li> <li>8. Waste disposal facilities – introduction, waste disposal facilities systems</li> <li>9. Design waste water quantities</li> <li>10. Sewerage networks</li> <li>11. Sewerage networks– calculus</li> <li>12. Sewerage facilities</li> <li>13. Waste water treatment and drainage</li> </ol> <hr/> <p><b>4 .Literatura / Indicative Reading List:</b></p> <p>[1] J Margeta: Kanalizacija naselja, Sveučilište u Splitu, Split 1998</p> <p>[2] Steel, E W, Mc Ghee T J: Water Supply and Sewerage, Mc Graw Hill Book Company, London 1991</p> <p>[3] Ivan Gulić: «Opskrba vodom», HSGI, Zagreb, 2000</p>

	<p>[4] Vodovod i kanalizacija zgrada / Slobodan Milenković – dopunjeno izd Beograd : AGM knjiga, 2007</p>
	<p><b>5 .Teaching and Learning Methods:</b></p> <p>The lectures, work conceptual design of water supply to residence</p> <p>Total Contact Hours: <b>28+2= 30</b> Hours</p> <p>Range of other Learning Methods:</p> <p>Total Study Hours: <b>20</b> Hours</p> <p>Total contact and study hours:     <b>50</b> Hours</p>
<b>Module Assessment</b>	<p><b>6 .Module Learning Outcomes :</b></p> <p>Planning, design, construction and operation of water supply and sewerage systems facilities: water intakes, pumping station, water conditioning plants, water tanks, water supply networks, sewerage networks, sewerage facilities, waste water treatment plants, outlets, house water supply and sewerage networks.</p>
	<p><b>7 .Assessment Methods:</b></p> <p>Attendance in lectures, workshop 1, 2 seminar, written examination, oral examination</p> <p>Number, type and weighting of elements/:</p> <p>Attendance 8%, project idea: 20%, seminar: 20%, written exam 26%, oral exam 26% Total 100%</p>
<b>Number of ECTS and duration</b>	<p><b>8 ECTS</b> .Credit Points and Duration</p> <p><b>2</b> ECTS, one semester, (semester IV)</p>
<b>Teacher</b>	<b>CanDrilir Abdullahu</b>