



**ISPARTA UNIVERSITY OF APPLIED SCIENCES**  
**ULUBORLU SELAHATTIN KARASOY VOCATIONAL SCHOOL**

**Department of Computer Technologies, Internet and Network Technologies Program Course Plan**

**1st Year / Fall Semester**

Course Code	Course Name	Theoretical	Lab	Lab/Practicum	ECTS	Credit	Hours	Type
ING-101	English 1	2	0	0	2	2	2	Required
MAT-3000	General Mathematics	2	0	1	3	2.5	3	Required
IAT-4101	Fundamentals of Programming	3	0	1	5	3.5	4	Required
IAT-4103	Computer Hardware	2	0	1	4	2.5	3	Required
IAT-4105	Database Management Systems	3	0	1	5	3.5	4	Required
IAT-4107	Web Design	3	0	1	5	3.5	4	Required
IAT-4109	Network Fundamentals	2	0	1	4	2.5	3	Required
IAT-4111	Information Technology Law	2	0	0	2	2	2	Required
<b>Total Required Courses:</b>		<b>19</b>	<b>0</b>	<b>6</b>	<b>30</b>	<b>22</b>	<b>25</b>	
<b>TOTAL SEMESTER COURSE LOAD:</b>					<b>30</b>	<b>22</b>	<b>25</b>	

**1st Year / Spring Semester**

Course Code	Course Title	Theoretical	Practical	Lab/Practicum	ECTS	Credit	Hours	Type
ING-102	English 2	2	0	0	2	2	2	Required
IAT-4102	Information and Network Security	2	0	0	3	2	2	Required
IAT-4104	Server Operating Systems	2	0	1	3	2.5	3	Required
IAT-4106	Web Development	2	0	1	3	2.5	3	Required
IAT-4108	Advanced Network Technologies	2	0	1	3	2.5	3	Required
IAT-4110	Project Management	2	0	0	2	2	2	Required
IAT-4112	Career Planning and Lifelong Learning	1	0	0	1	1	1	Required
<b>Total Required Courses:</b>		<b>13</b>	<b>0</b>	<b>3</b>	<b>17</b>	<b>14.5</b>	<b>16</b>	
IAT-4150	Object-Oriented Programming	2	0	1	4	2.5	3	Elective 1
IAT-4152	Front-End Programming	2	0	1	4	2.5	3	Elective 1
IAT-4154	Human-Computer Interaction	2	0	1	3	2.5	3	Elective 2
IAT-4156	Identity and Access Management	2	0	1	3	2.5	3	Elective 2
IAT-4182	Fundamentals of Artificial Intelligence	2	0	1	3	2.5	3	Outside the Field AScore Data
IAT-4184	Introduction to Information Technology and Coding	2	0	1	3	2.5	3	Elective
IAT-4190	Traffic Safety	2	0	0	3	2.5	2	Social Elective
IAT-4192	Diction and Public Speaking	2	0	0	3	2.5	2	Social Electives
<b>Total Electives:</b>		<b>10</b>	<b>0</b>	<b>4</b>	<b>13</b>	<b>12</b>	<b>14</b>	
<b>TOTAL SEMESTER COURSE LOAD:</b>					<b>30</b>	<b>24.5</b>	<b>28</b>	

**2nd Year / Fall Semester**

Course Code	Course Title	Theoretical	Practical	Lab/Practicum	ECTS	Credit	Hours	Type
IAT-4201	Network Management	2	0	1	3	2.5	3	Required
IAT-4203	Server Management	2	0	1	3	2.5	3	Required
IAT-4205	Professional Foreign Language	2	0	0	3	2	2	Required
UOS-3000	UOS	2	0	0	3	2	2	Required
MYO-3003	Graduation	0	0	2	2	1	2	Required
<b>Total Required Courses:</b>		<b>8</b>	<b>0</b>	<b>4</b>	<b>14</b>	<b>10</b>	<b>12</b>	
IAT-4251	Open Source Operating System	2	0	1	4	2.5	3	Elective 1
IAT-4253	Cloud Computing and Virtualization Technologies	2	0	1	4	2.5	3	Elective 1
IAT-4255	Advanced Programming	2	0	1	4	2.5	3	Elective 1
IAT-4257	Mobile Programming	2	0	1	4	2.5	3	Elective 1
IAT-4259	Data Mining	2	0	1	4	2.5	3	Elective 2
IAT-4261	Introduction to Artificial Intelligence	2	0	1	4	2.5	3	Elective 2
IAT-4263	Software Architectures	2	0	1	4	2.5	3	Elective 2
IAT-4265	Microprocessors and Assembly Programming	2	0	1	4	2.5	3	Elective 2
<b>Total Elective Courses:</b>		<b>6</b>	<b>0</b>	<b>3</b>	<b>16</b>	<b>7.5</b>	<b>9</b>	
<b>TOTAL SEMESTER COURSE LOAD:</b>					<b>30</b>	<b>21</b>	<b>25</b>	

**2nd Year / Spring Semester**

Course Code	Course Title	Theoretical	Practical	Lab/Practicum	ECTS	Credit	Hours	Type
MYO-3010	Vocational Training in the Workplace	5	35	0	20	5	5	Required
ATA-3000	Principles of Atatürk and History of the Revolution	4	0	0	4	4	4	Required
TUR-3000	Turkish Language	4	0	0	4	4	4	Required
MYO-3011	Institutional Internship	0	2	0	5	2	0	Required
IAT-4212	Integrated Management Systems	2	0	0	2	2	2	Required
<b>Total Required Courses:</b>		<b>15</b>	<b>37</b>	<b>0</b>	<b>35</b>	<b>30</b>	<b>52</b>	
<b>TOTAL SEMESTER COURSE LOAD:</b>		<b>15</b>	<b>37</b>	<b>0</b>	<b>35</b>	<b>30</b>	<b>52</b>	
<b>TOTAL:</b>					<b>125</b>	<b>97.5</b>	<b>130</b>	

From the colored courses, 1 will be selected in the spring of 1st grade, and 2 will be selected in the fall of 2nd grade. From the colored courses, 1 will be selected in the spring of 1st grade, and 2 will be selected in the fall of 2nd grade. From the colored courses, 1 will be selected in the spring of 1st grade.

ONE COLORED COURSE WILL BE SELECTED IN THE SPRING SEMESTER OF 1ST GRADE.