

Course unit title:	Internship		
Course unit code:	AU212		
Type of course unit:	Compulsory		
Level of course unit:	Bachelor (1 <sup>st</sup> Cycle)		
Year of study:	2		
Semester when the unit is delivered:	4 (Spring)		
Number of ECTS credits allocated :	5		
Name of lecturer(s):	Mr. Theodoulos Papamichael		
Learning outcomes of the course unit:	<ol style="list-style-type: none"> <li>1. Reading Service Manuals, Electrical and Mechanical Tools function, Safety Rules that must be obeyed, Service Programs, Inspection Points, Oil Grading and Types of Oils</li> <li>2. Getting familiarise with diagnosing procedures and how to solve technical problems based on vehicle integrated diagnosis and/or customer complaints.</li> <li>3. Assisting a service/spare part manager or a service advisor in the running of the post and developing certain professional skills.</li> <li>4. Be able to evaluate sources of error and be able to attack mechanical problems and plan for preventing maintenance</li> <li>5. Communicating with colleagues and customers so to familiarise with the environment of the workplace.</li> </ol>		
Mode of delivery:	Industrial Training		
Prerequisites:	None	Co-requisites:	None
Recommended optional program components:	None		
Course contents:	<ul style="list-style-type: none"> <li>● <b>Check list for serving a Car</b> <ul style="list-style-type: none"> <li>- Points for inspection and parts to be replaced</li> <li>- Intervals for next service/inspection</li> <li>- Connecting a diagnostic unit on the vehicle</li> </ul> </li> <li>● <b>Communication with other engineers</b> <ul style="list-style-type: none"> <li>- Inspection for probable faults and warranty recalls</li> </ul> </li> <li>● <b>Specification of parts to be used</b> <ul style="list-style-type: none"> <li>- Oil grade and quality, spark plug gap, Coolant additives</li> </ul> </li> <li>● <b>Record keeping</b> <ul style="list-style-type: none"> <li>- Filling in vehicle record history</li> </ul> </li> <li>● <b>Updating customer records</b></li> </ul>		
Recommended and/or required reading:			
Textbooks:	M.J. Nunney , <b>Automotive Technology</b> , SAE International, 3 <sup>rd</sup> Edition, 1998		
References:	Julian Happian Smith, <b>Introduction to Modern Vehicle Design</b> , SAE International, 2002 Paul Nieuwenhuis, Peter Wells, <b>Motor Vehicles in the Environment: Principles and Practice</b> , John Wiley & Sons, 1994.		
Planned learning activities and teaching methods:	The course is based on the participation of the student to workshop throughout the semester where he/she will be supervised by an academic and workshop foreman. The student must keep a detailed logbook of the learning outcomes that were gained during the semester. An oral examination/evaluation will be carried out at the		

	end of the semester
Assessment methods and criteria:	<ul style="list-style-type: none"><li>• Supervisor evaluation 30%</li><li>• Log-book submission 20%</li><li>• Oral presentation and evaluation 50%</li></ul>
Language of instruction:	English
Work placement(s):	No