## AYDIN ADNAN MENDERES UNIVERSITY <br> COURSE INFORMATION FORM




Workload Calculation

| Activity | Quantity | Preparation | Duration | Total Workload |
| :--- | :---: | :---: | :---: | :---: |
| Lecture - Theory | 14 | 0 | 2 | 28 |
| Term Project | 1 | 0 | 4 | 4 |
| Laboratory | 5 | 0 | 1 | 5 |
| Reading | 3 | 0 | 1 | 3 |
| Midterm Examination | 1 | 4 | 1 | 5 |


| Final Examination | 1 | 4 | 1 | 5 |
| :--- | :---: | :---: | :---: | :---: |
|  |  | Total Workload (Hours) | 50 |  |
| *25 hour workload is accepted as 1 ECTS | [Total Workload (Hours) $/ 25^{*}$ ] = ECTS | 2 |  |  |

## Learning Outcomes

| 1 | Introduction to coding and designing program flowchart |
| :---: | :--- |
| 2 | Control statements, array operations and working with sub-programmes |
| 3 | Learns the concept of everyday life like algorithms, with examples from everyday life. |
| 4 | Understands the components and their uses. |
| 5 | Learns the basic properties of Visual Basic. |
| Programme Outcomes (Automotive Technology) |  |
| 1 | To be able to interpret and evaluate data, identify problems, analyze them, and develop evidence-based solutions by using <br> basic knowledge and skills in the field. |
| 2 | Must be able to choose and effectively use the modern techniques, tools and information technologies necessary for field <br> related applications. |
| 3 | Must be able to gain practical skills by examining relevant processes in industry and service sector on site. |
| 4 | They must be able to produce solutions, take responsibility for teams or do individual work when they encounter situations <br> unforeseen in the field related applications. |
| 5 | Awareness of the need for lifelong learning; it must be able to follow the developments in science and technology and to <br> constantly renew itself. |
| 6 | Must be able to use computer software and hardware at the basic level required by the field <br> 7 |
| 8 | Must have job security, worker health, environmental protection knowledge and quality awareness. <br> and communication techniques. |
| 9 | Must be able to acquire basic theoretical and practical knowledge about the field in mathematics, science and basic <br> engineering. |
| 10 | It should have the ability to plan the processes / processes of the Automotive Program to meet the expectations of the sector. |
| 11 | To be able to design the systems and components related to the field by using technical drawing, computer aided drawing, <br> designing using simulation programs and using various softwares, to be able to make basic sizing calculations, to be able to <br> master professional plans and projects. |

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

|  | L1 | L2 |
| :---: | :---: | :---: |
| P4 | 2 | 2 |
| P5 | 2 | 2 |
| P6 | 2 | 2 |

