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| **Course Name** | **Code** | **Semester** | **T+U** | **Credit** | **ECTS** |
| **Innovation Management** |  | 3 | 2+0 | 2 | 3 |
| Prerequisite Courses |  |
| Language of the Course | Turkish |
| Type of Course | Field Elective |
| Course Coordinator |   |
| Instructor |  |
| Course Assistants |  |
| The aim of lesson | New and improved products and processes, new organizational structures, the use of existing technology in new areas or the discovery of new markets, the concept of Innovation and related concepts to be understood, Evaluating the innovation management process, Examining innovation management models, Researching innovation management techniques, technology and technology Evaluating the factors related to the management of technology, establishing the connections between technology management and innovation, which is an important competitive element for businesses. |
| Course Learning Outcomes | This lesson finally student ;1-Students will be able to explain creativity and creativity processes.2-Will be able to explain the concepts of innovation, creativity and invention.3-will be able to explain the sources of innovation.4-Will be able to explain the types of innovation, discuss the types of innovation and the relationships between innovation types.5-will be able to explain innovation strategies. |
| Course Content | Basis concepts ; data , information , knowledge . information based economy . knowledge , innovation and competitiveness relationship , knowledge of the administration human side , information of the administration stages , technology in creating of R&D functions , strategy and planning methods , national and international R & D systems and policies , R & D employees and your efficiency management . state-business world-university between R & D collaborations , innovation types ; product , process , marketing and organizational innovations . innovation individuals , companies and countries for value . innovation and development relationship , innovation models . innovation under the management system approach ; national , regional and sectoral innovation systems . innovation strategy , innovation management process . idea ownership rights . innovation financing ; innovation monetary support for local and international resources , idea ownership Definition of rights (FMH) . innovative your ideas in the protection idea ownership to your rights the one which... need and importance to patent performances about International comparisons and statistics , types of patents ; should examine and unexamined patent. patenting for wanted criteria in Turkey innovation studies sectoral analysis-1, in Turkey innovation studies sectoral analysis-2. |
| **Weeks** | **Topics** |
| 1 | Basic concepts; data, information, knowledge. knowledge-based economy. Relationship between knowledge, innovation and competitiveness. |
| 2 | The human side of knowledge management |
| 3 | Stages of knowledge management |
| 4 | Functions, strategy and planning methods of R&D in technology creation. |
| 5 | National and international R&D systems and policies |
| 6 | Management of R&D employees and productivity. R&D collaborations between government-business-university. |
| 7 | Types of innovation; product, process, marketing and organizational innovations. The value of innovation for individuals, companies and countries. The relationship between innovation and development |
| 8 | Innovation models. System approach in innovation management; national, regional and sectoral innovation systems. innovation strategy |
| 9 | Innovation management process. Intellectual property rights. Financing of innovation; local and international resources for financial support of innovation |
| 10 | Definition of intellectual property rights (IPR). The need and importance of intellectual property rights in the protection of innovative ideas |
| 11th | Cross-country comparisons and statistics on patent performance. |
| 12 | Types of patents; Examined and non-examined patents. Criteria for patenting |
| 13 | Innovation Studies in Turkey Sectoral Analysis-1 |
| 14 | Innovation Studies in Turkey Sectoral Analysis-2 |

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| **General Competencies** |
| from students this main topics of the lesson their understanding and fields with in applications their use expected . |
| **resources** |
| Kilic, S. (2021). *Innovation* . Ankara. Featured PublicationsBessant, J. and Tidd, J. (2018). *Innovation and entrepreneurship - Innovation and entrepreneurship* , 3rd Edition, Translation: A. Esra Aslan, Ankara, Nobel Akademik Publishing.Işık, C. (2019). *R&D, innovation and patent in knowledge economies* , 3rd Edition, Ankara, Nobel Publishing. |
| **Evaluation System** |
| It is stated in the syllabus at the beginning of the semester. |

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| **WITH PROGRAM LEARNING OUTCOMES****COURSE LEARNING OUTCOMES RELATIONSHIP TABLE** |
|  | **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **PO10** |
| **LO1** | - | - | - | - | - | one | one | 5 | 2 | 2 |
| **LO2** | - | - | - | - | - | one | one | 5 | 2 | 2 |
| **LO3** | - | - | - | - | - | one | one | 5 | 2 | 2 |
| **LO4** | - | - | - | - | - | one | one | 5 | 2 | 2 |
| **LO5** | - | - | - | - | - | one | one | 5 | 2 | 2 |
| **REVENGE: Learning Outputs OP: Program Outputs** |
| **Contribution****level** | **1 Very Low** | **2 Low** | **3 Medium** | **4 High** | **5 Very High** |

Relation of Program Outcomes and Related Course

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| **lesson** | **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **PO10** |
| **Innovation Management**  | - | - | - | - | - | one | one | 5 | 2 | 2 |

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