

DIGITAL TRANSFORMATION AND WORK

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| 1 | Course Title: | DIGITAL TRANSFORMATION AND WORK | |
| 2 | Course Code: | CAL4103 | |
| 3 | Type of Course: | Optional | |
| 4 | Level of Course: | First Cycle | |
| 5 | Year of Study: | 4 | |
| 6 | Semester: | 7 | |
| 7 | ECTS Credits Allocated: | 5.00 | |
| 8 | Theoretical (hour/week): | 3.00 | |
| 9 | Practice (hour/week): | 0.00 | |
| 10 | Laboratory (hour/week): | 0 | |
| 11 | Prerequisites: | None | |
| 12 | Language: | Turkish | |
| 13 | Mode of Delivery: | Face to face | |
| 14 | Course Coordinator: | Dr. ELİF KARA | |
| 15 | Course Lecturers: | Dr. Elif KARA elifkara@uludag.edu.tr | |
| 16 | Contact information of the Course Coordinator: | Prof. Dr. Aysen TOKOL Uludağ Üniversitesi İktisadi ve İdari Bilimler Fakültesi, Çalışma Ekonomisi ve Endüstri İlişkileri | |
| 17 | Website: | | |
| 18 | Objective of the Course: | *Understand the digital transformation and the digital technologies. *Evaluate the effect of the digital technologies on the future of work. *Discuss the potential policy recommendations. | |
| 19 | Contribution of the Course to Professional Development: | Enhance students' knowledge on the labour market in the digital era and motivating them to develop strategies for themselves. | |
| 20 | Learning Outcomes: | | |
| | | 1 | Understand the concepts of digitization, digitalization and digital transformation. |
| | | 2 | Analyse the digital technologies i.e. web 2.0, mobile broadband internet, artificial intelligence, etc. that enable digital transformation. |
| | | 3 | Discuss the pros and cons of the digital technologies. |
| | | 4 | Discuss the effect of digital technologies on future of work |
| | | 5 | Assess the gig economies and gig work. |
| | | 6 | Learn the effect of digital technologies on employment. |
| | | 7 | Discuss the job creation process of the digital technologies |
| | | 8 | Discuss the employment creation process of the digital technologies. |
| | | 9 | Discuss the future of digital transformation. |
| | | 10 | |
| 21 | Course Content: | | |
| | | Course Content: | |
| Week | Theoretical | Practice | |
| 1 | The concepts of digitization, digitalization and digital transformation | | |

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| 2 | Digital Technologies: Part 1 | |
| 3 | Digital Technologies: Part 2 | |
| 4 | Megatrends | |
| 5 | The pros of digital technologies | |
| 6 | The cons of digital technologies | |
| 7 | Megatrends in the labour market | |
| 8 | Megatrends and skills | |
| 9 | The future of work: Part 1 | |
| 10 | The future of work: Part 2 | |
| 11 | The effect of digital technologies on job creation | |
| 12 | The effect of digital technologies on job and income protection | |
| 13 | Gig economies and gig work | |
| 14 | The future of digital technologies | |
| 22 | Textbooks, References and/or Other Materials: | -Peter Sloane, Paul Latreille, Nigel O'Leary, Modern Labour Economics, 1st Edition, Routledge - The world economic forum. The future of jobs reports 2018, 2020. -OECD. The employment outlook, 2019. - Klaus Schwab. The fourth industrial revolution. |
| 23 | Assesment | |
| TERM LEARNING ACTIVITIES | | |
| | NUMBER | WEIGHT |
| Midterm Exam | 1 | 40.00 |
| Quiz | 0 | 0.00 |
| Home work-project | 0 | 0.00 |
| Final Exam | 1 | 60.00 |
| Total | 2 | 100.00 |
| Contribution of Term (Year) Learning Activities to Success Grade | | 40.00 |
| Contribution of Final Exam to Success Grade | | 60.00 |
| Total | | 100.00 |
| Measurement and Evaluation Techniques Used in the Course | | Students are evaluated by written and multiple choice test exams. |
| 24 | ECTS / WORK LOAD TABLE | |

| Activites | Number | Duration (hour) | Total Work Load (hour) |
|----------------------------|--------|-----------------|------------------------|
| Theoretical | 14 | 3.00 | 42.00 |
| Practicals/Labs | 0 | 0.00 | 0.00 |
| Self study and preperation | 14 | 3.00 | 42.00 |
| Homeworks | 0 | 0.00 | 0.00 |
| Projects | 0 | 0.00 | 0.00 |
| Field Studies | 0 | 0.00 | 0.00 |
| Midterm exams | 1 | 30.00 | 30.00 |
| Others | 0 | 0.00 | 0.00 |
| Final Exams | 1 | 36.00 | 36.00 |
| Total Work Load | | | 180.00 |
| Total work load/ 30 hr | | | 5.00 |
| ECTS Credit of the Course | | | 5.00 |

| 25 | CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS | | | | | | | | | | | | | | | |
|--|---|-----|-----|--------------|-----|-----|-----------------|-----|-----|---------------|------|------|--------------------|------|------|------|
| | PQ1 | PQ2 | PQ3 | PQ4 | PQ5 | PQ6 | PQ7 | PQ8 | PQ9 | PQ10 | PQ11 | PQ12 | PQ13 | PQ14 | PQ15 | PQ16 |
| ÖK1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ÖK2 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ÖK3 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ÖK4 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ÖK5 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ÖK6 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ÖK7 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ÖK8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ÖK9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LO: Learning Objectives PQ: Program Qualifications | | | | | | | | | | | | | | | | |
| Contribution Level: | 1 very low | | | 2 low | | | 3 Medium | | | 4 High | | | 5 Very High | | | |