

FACULTY OF ENGINEERING			
DEPARTMENT OF INDUSTRIAL ENGINEERING			
YEAR 2 (FOURTH SEMESTER)			
COURSE CODE AND NAME	ECO220 MACRO ECONOMICS		
INSTRUCTOR	Asst. Prof. Zaina Mustafa Mahmoud HAMAD, zaina.hamad@toros.edu.tr		
EXPLANATIONS	The theoretical hour of this course will be 3 hours of distance education per week. Students can participate to lesson by downloading the topics given below from their system.		
METHOD OF THE COURSE	Toros University Distance Education Unit, dokuman.toros.edu.tr		
COURSE TOPICS AND WEEKLY PROGRAM		Date	Time
TOPICS	Week 9- The Philips Curve (3 hours)		
	Week 10- Classical vs. Keynesian Theory and Fiscal Policy (3 hours)		
	Week 11- The Multiplier Effect (3 hours)		
	Week 12- Problems With Fiscal Policy (3 hours)		
	Week 13- Money and Money Market (3 hours)		
	Week 14- Monetary Policy (3 hours)		
COURSE RESOURCES	1) Blanchard, Olivier, & Johnson, David R. (2012). Macroeconomics, sixth Edition. New Jersey: Pearson. 2) McConnell, Campbell R., & Brue, Stanley L. (2006). Economics: Principles, Problems, and Policies. 17th Edition. NY: McGraw-Hill/Irwin.		
		Date	Time
ADVISOR HOURS	Students will be given the necessary questions and explanations by the instructor via e-mail.	Every Thursday	9:00 - 12:00
OTHER EXPLANATIONS			
EXAMS	Course's midterm and final exams will be announced.		

FACULTY OF ENGINEERING			
DEPARTMENT OF INDUSTRIAL / ELECTRICAL & ELECTRONIC / COMPUTER & SOFTWARE ENGINEERING			
YEAR 2 (4ND SEMESTER)			
COURSE CODE AND NAME	FLE 202 English IV		
INSTRUCTOR	Özgür B. Sandal, ozgur.sandal@toros.edu.tr		
EXPLANATIONS	This is a theoretical course with 3 hours per week. It will be taken as distance education. The students can study and work on the below given topics through the videos and related materials uploaded in the distance education system.		
METHOD OF THE COURSE	Toros University Distance Education Unit, dokuman.toros.edu.tr		
COURSE TOPICS AND WEEKLY SCHEDULE		Date	Time
TOPICS	1. Unit 11 - Heat		
	2. Unit 12 - Light and Sound		
	3. Unit 13 - Manufacturing		
	4. Unit 14 - Codes and Standards		
	5. Unit 15 - Helping to Save the Planet		
	6. Presentations*		
COURSE RESOURCES	Engineering 1, Oxford English for Careers, Peter Astley and Lewis Lansford.		
		Date	Time
ADVISOR HOURS	The students can contact the instructor of the course during their regular weekly class hours via Google Hangouts, and they can ask her questions about the course and get answers. **The weekly assignments/homeworks will be sent to the instructor via email. *** The presentation video and powerpoint file will be sent to the instructor via " WeTransfer". For further questions you can always contact your instructor via email (ozgur.sandal@toros.edu.tr)		
OTHER EXPLANATIONS	* The presentation video and powerpoint file must be sent to the instructor via WeTransfer in the 6th week. Necessary explanations are given in the 6th week video. ** The weekly assignments will be assessed and graded by the instructor. ***You can find information about WeTransfer on Google or you can click https://wetransfer.com/		
EXAMS	The midterm and final exam dates will be announced later.		

FACULTY OF ENGINEERING AND ECONOMICS BUSINESS ADMINISTRATION AND SOCIAL SCIENCES			
DEPARTMENT OF INDUSTRIAL ENGINEERING PSYCHOLOGY, ELECTRICAL AND ELECTRONICS ENGINEERING			
YEAR 2 (FOURTH SEMESTER)			
COURSE CODE AND NAME	HIS202 History of Civilization and Science		
INSTRUCTOR	Prof. Dr. Yusuf ZEREN - yusuf.zeren@toros.edu.tr		
EXPLANATIONS	The theoretical time of this course will be taken 2 hours weekly as distance education. Students will follow the courses from the slides.		
METHOD OF THE COURSE	Toros University Distance Education Unit, dokuman.toros.edu.tr		
COURSE TOPICS AND WEEKLY PROGRAM			
TOPICS	History of Science (pages 60-65)	Date	Time
	History of Science (pages 66-70)		
	History of Science (pages 71-76)		
	Student's Projects (3)		
	Student's Projects (3)		
	Student's Projects (3)		
COURSE RESOURCES	Related PDF files.		
		Date	Time
ADVISOR HOURS		Every Friday	10:00 - 12:00
OTHER EXPLANATIONS	For consultancy, you may send an e-mail to yusuf.zeren@toros.edu.tr		
EXAMS	Course's midterm and final exams will be announced.		

FACULTY OF ENGINEERING			
DEPARTMENT OF INDUSTRIAL ENGINEERING			
YEAR 2 (FOURTH SEMESTER)			
COURSE CODE AND NAME	INE202 GENERAL ACCOUNTING		
INSTRUCTOR	Asst.Prof. Zaina Mustafa Mahmoud HAMAD, zaina.hamad@toros.edu.tr		
EXPLANATIONS	The theoretical hour of this course will be 2 hours of distance education per week. Students who can participate to lesson by downloading the topics given below from their system.		
METHOD OF THE COURSE	Toros University Distance Education Unit, dokuman.toros.edu.tr		
COURSE TOPICS AND WEEKLY PROGRAM		Date	Time
TOPICS	Week9 - Internal Control and Cash (2 hours)		
	Week10 - Accounting for Receivables (2 hours)		
	Week11 - Capital Assets (2 hours)		
	Week12 - Current Liabilities (2 hours)		
	Week13 - Cash Flow Statement (2 hours)		
	Week14 - Accounting Principles (2 hours)		
COURSE RESOURCES	1) Accounting Principles, Weygandt-Kimmel-Kieso, Wiley 10th edition. 2) 2 Principles of Accounting, Volume 1: Financial Accounting, Franklin-Graybeal-Cooper, Openstax 2019		
		Date	Time
ADVISOR HOURS	Students will be given the necessary questions and explanations by the instructor via e-mail.	Every Thursday	10:00 - 12:00
OTHER EXPLANATIONS			
EXAMS	Course's midterm and final exams will be announced.		

FACULTY OF ENGINEERING			
DEPARTMENT OF INDUSTRIAL ENGINEERING			
YEAR 2 (FOURTH SEMESTER)			
COURSE CODE AND NAME	INE 204 OPERATIONAL RESEARCH I		
INSTRUCTOR	ASST. PROF. MELİK KOYUNCU - melihkoyuncu@yahoo.com		
EXPLANATIONS	The theoretical time of this course will be taken 3 hours weekly as distance education. Students will follow the courses from the slides.		
METHOD OF THE COURSE	Toros University Distance Education Unit, dokuman.toros.edu.tr		
COURSE TOPICS AND WEEKLY PROGRAM		Date	Time
TOPICS	Week9 - Graphical solution and Special Cases in Linear		
	Week10 - Solving Linear maximization problem by the Simplex Method		
	Week11 - Sensitivity analysis in the Linear Programming		
	Week12 - Converting non linear models to linear models		
	Week13 - Modelling examples and softwares		
	Week14 - Modelling examples and softwares		
COURSE RESOURCES	Related power point files, lecture notes and Hillier and Lieberman Introduction to Operations Research ,McGraw Hill (Chapter 3-4-5)		
		Date	Time
ADVISOR HOURS		Every Friday	11:00 - 12:00
OTHER EXPLANATIONS	For consultancy, you may send an e-mail to melihkoyuncu@yahoo.com or you may connect and ask your questions to melik.koyuncu1 via Skype at the consulting time.		
EXAMS	Course's midterm and final exams will be announced.		

FACULTY OF ENGINEERING			
DEPARTMENT OF INDUSTRIAL ENGINEERING			
YEAR 2 (FOURTH SEMESTER)			
COURSE CODE AND NAME	ECO220 MACROECONOMICS		
INSTRUCTOR	Asst.Prof. Zaina Mustafa Mahmoud HAMAD, zaina.hamad@toros.edu.tr		
EXPLANATIONS	The theoretical hour of this course will be 3 hours of distance education per week. Students who can participate to lesseon by downloading the topics given below from their system.		
METHOD OF THE COURSE	Toros University Distance Education Unit, dokuman.toros.edu.tr		
COURSE TOPICS AND WEEKLY PROGRAM		Date	Time
TOPICS	Week9 - Performance Management and Appraisal (3 hours)		
	Week10 - Establishing Strategic Pay Plans and Employee Benefits & Services (3 hours)		
	Week11 - Employee Safety and Health (3 hours)		
	Week12 - Ethics, Justice, and Fair Treatment in HR Management (3 hours)		
	Week13 - Managing Global Human Resources (3 hours)		
	Week14 - Employee Retention, Engagement, and Career Management (3 hours)		
COURSE RESOURCES	Dessler, Gary. (2011). Human Resource Management.13th Edition. Pearson Prentice Hall.		
		Date	Time
ADVISOR HOURS	Students will be given the necessary questions and explanations by the instructor via e-mail.	Every Thursday	13:00 - 16:00
OTHER EXPLANATIONS			
EXAMS	Course's midterm and final exams will be announced.		

FACULTY OF ENGINEERING			
DEPARTMENT OF INDUSTRIAL ENGINEERING			
YEAR 2 (FOURTH SEMESTER)			
COURSE CODE AND NAME	ISG202 Occupational Health and Safety		
INSTRUCTOR	Prof.Dr.Yusuf ZEREN - yusuf.zeren@toros.edu.tr		
EXPLANATIONS	The theoretical time of this course will be taken 2 hours weekly as distance education. Students will follow the courses from the slides.		
METHOD OF THE COURSE	Toros University Distance Education Unit, dokuman.toros.edu.tr		
COURSE TOPICS AND WEEKLY PROGRAM		Date	Time
TOPICS	Week9 - PRESSURE HAZARDS, ELECTRICAL HAZARDS (Pages 151-169)		
	Week10 - ELECTRICAL HAZARDS, FIRE HAZARDS AND LIFE SAFETY (Pages 170-189)		
	Week11 - FIRE HAZARDS AND LIFE SAFETY (Pages 190-205)		
	Week12 - RADIATION HAZARDS (Pages 206-255)		
	Week13 - RADIATION HAZARDS, NOISE HAZARDS (Pages 226-		
	Week14 - NOISE HAZARDS, VIBRATION HAZARDS, HAZARD ANALYSIS/PREVENTION AND SAFETY MANAGEMENT (Pages 245-276)		
COURSE RESOURCES	Related PDF files.		
		Date	Time
ADVISOR HOURS		Every Monday	10:10 - 12:00
OTHER EXPLANATIONS	For consultancy, you may send an e-mail to yusuf.zeren@toros.edu.tr		
EXAMS	Course's midterm and final exams will be announced.		

FACULTY OF ENGINEERING			
DEPARTMENT OF INDUSTRIAL ENGINEERING			
YEAR 2 (FOURTH SEMESTER)			
COURSE CODE AND NAME	MAT 202 Probability Theory		
INSTRUCTOR	Asst. Prof. Türker Ertem - turker.ertem@toros.edu.tr		
EXPLANATIONS	This course introduces the fundamentals of probability theory and random processes. For students seeking an introduction to probability theory and applications, this course is designed to develop their intuition and model building skills. Students will develop ways of thinking for formal reasoning. They intuitively will understand a number of fundamental probabilistic reasoning concepts based on a mathematical foundation. They also will learn how to solve real-world problems under uncertainty by structuring them, building models, and analyzing those models.		
METHOD OF THE COURSE	Toros University Distance Education Unit, dokuman.toros.edu.tr		
COURSE TOPICS AND WEEKLY PROGRAM		Date	Time
TOPICS	IV. Random Variables 4.1 Random Variables 4.2 Discrete Random Variables 4.3 Expected Value 4.4 Expectation of a Function of a Random Variable 4.5 Variance		
	4.6 The Bernoulli and Binomial Random Variables 4.7 The Poisson Random Variable 4.8 Other Discrete Probability Distributions 4.9 Expected Value of Sums of Random Variables 4.10 Properties of the Cumulative Distribution Function		
	V. Continuous Random Variables 5.1 Introduction 5.2 Expectation and Variance of Continuous Random Variables 5.3 The Uniform Random Variable 5.4 Normal Random Variables		
	5.5 Exponential Random Variables 5.6 Other Continuous Distributions 5.7 The Distribution of a Function of a Random Variable		
	VIII Limit Theorems 8.1 Introduction 8.2 Chebyshev's Inequality and the Weak Law of Large Numbers		
	8.3 The Central Limit Theorem 8.4 The Strong Law of Large Numbers		
COURSE RESOURCES	Course presentations and complementary course videos (open access) to be uploaded/announced week by week.		
		Date	Time
ADVISOR HOURS	You can ask your questions via e-mail.		
OTHER EXPLANATIONS	This curriculum can be updated according to how the pandemic process continues.		
EXAMS	The midterm and final exam dates will be announced later.		

FACULTY OF ENGINEERING			
DEPARTMENT OF INDUSTRIAL, COMPUTER AND SOFTWARE ENGINEERING			
YEAR 2(FOURTH SEMESTER)			
COURSE CODE AND NAME	MAT204 Discrete Mathematics		
INSTRUCTOR	Asst. Prof. Ziya G. ALTUN - ziya.altun@toros.edu.tr		
EXPLANATIONS	The theoretical time of this course will be taken 3 hours weekly as distance education. Students will follow the courses from the slides.		
METHOD OF THE COURSE	Toros University Distance Education Unit, dokuman.toros.edu.tr		
COURSE TOPICS AND WEEKLY PROGRAM			
			Date
			Time
TOPICS	Week9 - PROBABILITY		
	Week10 - PROBABILITY		
	Week11 - PROBABILITY		
	Week12 - GRAPH THEORY		
	Week13 - GRAPH THEORY		
	Week14 - GRAPH THEORY		
COURSE RESOURCES	Related files.		
		Date	Time
ADVISOR HOURS			
OTHER EXPLANATIONS	For consultancy, you may send an e-mail to ziya.altun@toros.edu.tr		
EXAMS	Course's midterm and final exams will be announced.		