

LCE 301 – Law Concepts for Engineering Course Code Course Name Semester Law Concepts for Engineering Fall \boxtimes Spring \square Summer \square LCE 301 Credit **ECTS** Hours Theory **Practice** Lab 1 1 1 0

| Course Details | |
|--------------------------------|--|
| Department | Engineering Faculty Departments |
| Course Language | English – Turkish (with online translation) |
| Course Level | Undergraduate ⊠ Graduate □ |
| Mode of Delivery | Face to Face ⊠ Online □ Hybrid □ |
| Course Type | Compulsory ⊠ Elective □ |
| Course Objectives | The objective of this course is to familiarize the engineering students with law and the legal system through a combination of theoretical and practical training methodology. |
| Course Content | |
| Course Method/ Techniques | Lecture ⊠ Question & Answer ⊠ Presentation ⊠ Discussion ⊠ |
| Prerequisites/ Corequisites | - |
| Work Placement(s) | - |
| | |



Textbook/References/Materials

- Güneysu, G (Ed.), 2017 Introduction to Law. Anadolu Üniversitesi.
 https://ets.anadolu.edu.tr/storage/nfs/HUK113U/ebook/HUK113U-17V1S1-8-0-1-SV1-ebook.pdf
- Fayetteville State University (undated) "Introduction to Law" (mimeo)
 https://www.uncfsu.edu/assets/Documents/College%20of%20Business%20and%20Economics/Legal.pdf
- Makdisi, J. A. (1998). "Islamic Origins of the Common Law",
- Makdisi, G. (1985). The Guilds of Law in Medieval Legal History: An Inquiry into the Origins of the Inns of Court. Clev. St. L. Rev., 34, 3.The. NCL rev., 77, 1635.
- Glenn, E. (17 January 2020) "Engineers need to study and understand certain types of laws"
 Lehigh Valley Business, https://lvb.com/engineers-need-study-understand-certain-types-laws/
- Gaziantep Üniversitesi Legal and Ethical Issues in Engineering" https://akbis.gantep.edu.tr/yonetim/upload/files/107386-6145.pdf

Videos:

- Introduction to Engineering Lawyer https://www.youtube.com/watch?v=nVrAL4M4j30
- Patent Law for Engineers https://www.youtube.com/watch?v=nZ EZDpxvOk
- Common Law vs Civil Law (recording) https://www.youtube.com/watch?v=9 M4bNOxsYs
- What is common law https://www.youtube.com/watch?v=yp38 Pz3c
- The legal systems we live in today https://www.youtube.com/watch?v=xaJuFbtuK7E
- Assessment
- The English legal system https://www.youtube.com/watch?v=2403oe1Ugb8
- What is Sharia Law https://www.youtube.com/watch?v=eTliMiRTPrE
- What is Sharia Law https://www.youtube.com/watch?v=shhiYMibHjo

| Course Category | | | | | | | | | |
|--------------------------------|-------------|--|------------|--|--|--|--|--|--|
| Mathematics and Basic Sciences | | | Education | | | | | | |
| Engineering | | | Science | | | | | | |
| Engineering Design | | | Health | | | | | | |
| Social Sciences | \boxtimes | | Profession | | | | | | |

| Weekl | Weekly Schedule | | | | | | | | | |
|-------|--|-----------------|--|--|--|--|--|--|--|--|
| No | Topics | Materials/Notes | | | | | | | | |
| 1 | Introduction | | | | | | | | | |
| | •What is Law? | | | | | | | | | |
| | Overview of Legal Systems | | | | | | | | | |
| | Overview of Legal Philosophy | | | | | | | | | |
| | •Branches of Law | | | | | | | | | |
| 2 | Introduction | | | | | | | | | |
| | •What is Law? | | | | | | | | | |
| | Overview of Legal Systems | | | | | | | | | |
| | Overview of Legal Philosophy | | | | | | | | | |
| | Branches of Law | | | | | | | | | |
| 3 | Overview | | | | | | | | | |
| | •Public Law (Kamu Hukuku) – Private Law (Özel Hukuk) | | | | | | | | | |



| | •National Law (Ulusal Hukuk) - International Law | |
|----|---|--|
| | (Uluslararası Hukuk) | |
| | Law Branches (Hukukun Dalları) | |
| 4 | Overview | |
| | Judicial System & Judiciary Procedures (Yargı Teşkilatı | |
| | ve Yargılama Usülleri) | |
| 5 | Civil Law (Medeni Hukuk) | |
| 6 | Obligations Law (Borçlar Hukuku) | |
| 7 | Midterm Exam | |
| 8 | Constitutional Law & Administrative Law (Anayasa | |
| | Hukuku ve İdare Hukuku) | |
| 9 | International Laws | |
| 10 | Commercial Law (Ticaret Hukuku) | |
| | Labor Law (İş Hukuku) | |
| 11 | Crime Law (Ceza Hukuku) | |
| 12 | Procedural Laws (Usül Hukuku) | |
| 13 | Intellectual & Industrial Property Rights (Fikri ve Sınai | |
| | Mülkiyet Hakları) | |
| 14 | Fictional Courtroom Exercises | |
| 15 | Final Exam | |



| Assessment Methods and Criteria | | |
|--|----------|------------|
| In-term studies | Quantity | Percentage |
| Attendance | | |
| Lab | | |
| Practice | | |
| Fieldwork | | |
| Course-specific internship | | |
| Quiz/Studio/Criticize | | |
| Homework | | |
| Presentation / Seminar | | |
| Project | | |
| Report | | |
| Seminar | | |
| Midterm Exam | | %40 |
| Final Exam | | %60 |
| | Ţ. | otal 100% |
| Contribution of Midterm Studies to Success Grade | | |
| Contribution of End of Semester Studies to Success Grade | | |
| | To | otal 100% |

| ECTS Allocated Based on Student Workload | | | | | | | | | |
|---|----------|----------------|----------------|--|--|--|--|--|--|
| Activities | Quantity | Duration (Hrs) | Total Workload | | | | | | |
| Course Hours | | | | | | | | | |
| Lab | | | | | | | | | |
| Practice | | | | | | | | | |
| Fieldwork | | | | | | | | | |
| Course-specific Work Placement | | | | | | | | | |
| Out-of-class study time | | | | | | | | | |
| Quiz/Studio/Criticize | | | | | | | | | |
| Homework | | | | | | | | | |
| Presentation / Seminar | | | | | | | | | |
| Project | | | | | | | | | |
| Report | | | | | | | | | |
| Midterm Exam and Preparation for Midterm | | | | | | | | | |
| Final Exam and Preparation for Final Exam | | | | | | | | | |
| Total Workload | | | | | | | | | |
| Total Workload / 25 | | | | | | | | | |
| ECTS Credit | | | | | | | | | |



| Cour | Course Learning Outcomes | | | | | | |
|------|--|--|--|--|--|--|--|
| No | Outcome | | | | | | |
| L1 | Develop an understanding of the fundamental philosophy of law and legal systems. | | | | | | |
| L2 | Learn the essentials of the legal system surrounding engineers such as commercial law, intellectual property rights, obligations law and the like. | | | | | | |
| L3 | Be able to apply their learning in fictional court case exercises. | | | | | | |
| L4 | Develop their presentation skills. | | | | | | |
| L5 | | | | | | | |

| Con | Contribution of Course Learning Outcomes to Program Competencies/Outcomes | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|-------|--|--|--|--|--|
| Contribution Level: 1: Very Slight, 2: Slight, 3: Moderate, 4: Significant, 5: Very Significant | | | | | | | | | | | | | | |
| | P1 P2 P3 P4 P5 P6 P7 P8 P9 P10 P11 P12 P13 P14 P15 | | | | | | | | Total | | | | | |
| L1 | | | | | | | | | | | | | | |
| L2 | | | | | | | | | | | | | | |
| L3 | | | | | | | | | | | | | | |
| L4 | | | | | | | | | | | | | | |
| L5 | | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | | |