INSTRUCTOR
Assoc. Prof. Dr. Gökhan Kiper (Room Z14, gokhankiper@iyte.edu.tr, 750 6777)

ASSISTANT
Mr. Cevahir Karagöz (Room: Z31 – Mechatronics Laboratory, cevahirkaragoz@iyte.edu.tr, 6752)

SCHEDULE
Thursday 09:45 – 12:30 / Room: D3

COURSE WEB SITE
İYTE Course Management System: https://cms.iyte.edu.tr ⇒ ME573

STRONGLY RECOMMENDED PREREQUISITE
ME331 Theory of Machines I or equivalent

REFERENCES

COURSE CONTENT
- Introduction
- Scissor mechanisms
- Polygonal and polyhedral linkages
- Polyhedral linkages with planar link groups
- Overconstrained linkages
- Purely spatial deployable structures (PSDSs) composed of single dof loops
- Purely spatial deployable structures (PSDSs) composed of multi dof loops
- Jitterbug like linkages

TENTATIVE GRADING
Homeworks (%20) + Project (%40) + Midterm examination (%20) + Final Examination (%20)