# Industrial Engineering Curriculum

| Semester 1 | Semester 2 | Semester 3 | Semester 4 | Semester 5 | Semester 6 | Semester 7 | Semester 8 |
|---|---|---|---|---|---|---|---|
| Calculus I | Calculus II | Manufacturing Processes | Intro. to Modeling and Optimization | Quality Engineering | Facility Design and Planning | Engineering Project I | Engineering Project II |
| Physics I | Physics II | Linear Alg. and Diff. Equations | Stochastic Models | Production Planning and Control | | Workplace Health and Safety I | Workplace Health and Safety II |
| Physics I Lab | Physics II Lab | Probability and Random Variables | Applied Statistics | Network Flows and Integer Programming | | Summer Internship II | Technology, Society, and Ethics |
| Intro. to Programming | General Chemistry | Cost Analysis | History II | Engineering Economics | | Innovation and Entrepreneurship | |
| Academic Communication Skills I | Advanced Programming | Object Oriented Programming | | Modeling and Simulation | | | |
| Turkish I | Introduction to Material Science | History I | | Summer Internship I | | | |
| Computer Aided Technical Drawing | Academic Communication Skills II | | | | | | |
| Intro. to Industrial Engineering | Turkish II | | | | | | |