

Fachbereich Maschinenbau

| Fertigungstechnik FPO 2017 | | | | | | | Studienverlaufsplan | | | | | | | | | | | |
|-------------------------------------|-------------|---|---|---|---|----|---------------------|---|---|---|---|----|-------------|---|---|---|---|----|
| Pflichtmodule | 1. Semester | | | | | | 2. Semester | | | | | | 3. Semester | | | | | |
| | Σ | V | Ü | S | P | LP | Σ | V | Ü | S | P | LP | Σ | V | Ü | S | P | LP |
| Grundlagen der Informatik | 4 | 2 | 1 | | 1 | 5 | | | | | | | | | | | | |
| Mathematik 1 | 6 | 4 | 2 | | | 6 | | | | | | | | | | | | |
| Physik | 4 | 2 | 1 | | 1 | 5 | | | | | | | | | | | | |
| Technische Mechanik 1 | 4 | 2 | 2 | | | 5 | | | | | | | | | | | | |
| Technische Produktdokumentation | 4 | 2 | | | 2 | 5 | | | | | | | | | | | | |
| Werkstoffkunde 1 | 4 | 2 | 1 | | 1 | 4 | | | | | | | | | | | | |
| Werkstoffkunde 2 | | | | | | | 4 | 2 | 1 | | 1 | 4 | | | | | | |
| Elektrotechnik | | | | | | | 6 | 3 | 1 | | 2 | 6 | | | | | | |
| CAD 1 | | | | | | | 6 | 4 | 2 | | | 6 | | | | | | |
| Maschinenelemente 1 | | | | | | | 4 | 1 | 1 | | 2 | 5 | | | | | | |
| Mathematik 2 | | | | | | | 4 | 2 | 2 | | | 5 | | | | | | |
| Technische Mechanik 2 | | | | | | | 4 | 2 | 2 | | | 4 | | | | | | |
| Technische Mechanik 2 | | | | | | | | | | | | | 4 | 2 | 2 | | | 4 |
| Fertigungsverfahren Grundlagen | | | | | | | | | | | | | 4 | 2 | 2 | | | 5 |
| Maschinenelemente 2 | | | | | | | | | | | | | 4 | 2 | 1 | | 1 | 5 |
| Strömungslehre | | | | | | | | | | | | | 5 | 3 | 2 | | | 5 |
| Thermodynamik | | | | | | | | | | | | | 8 | 6 | | | 2 | 6 |
| Mess-, Steuer- und Regelungstechnik | | | | | | | | | | | | | 6 | 3 | 1 | | 2 | 5 |

| Pflichtmodule | 4. Semester | | | | | | 5. Semester | | | | | | 6. Semester | | | | | |
|---|-------------|---|---|---|---|----|-------------|---|---|---|---|----|-------------|---|---|---|---|----|
| | Σ | V | Ü | S | P | LP | Σ | V | Ü | S | P | LP | Σ | V | Ü | S | P | LP |
| Fertigungsverfahren Zerspanen | 4 | 2 | | | 2 | 5 | | | | | | | | | | | | |
| Qualitätsmanagement/ Angewandte Statistik | 6 | 4 | 2 | | | 5 | | | | | | | | | | | | |
| Fertigungsverfahren Ur- und Umformen 1 | 4 | 2 | | | 2 | 5 | | | | | | | | | | | | |
| Arbeitsvorbereitung | 4 | 3 | | | 1 | 5 | | | | | | | | | | | | |
| Simulation der Fertigungsverfahren | 4 | 2 | | | 2 | 5 | | | | | | | | | | | | |
| Wahlpflichtmodul 1 | 4 | 2 | 2 | | | 5 | | | | | | | | | | | | |
| Automation in der Fertigung und Montage | | | | | | | 4 | 2 | | | 2 | 5 | | | | | | |
| Produktionsplanung und -steuerung | | | | | | | 4 | 2 | | | 2 | 5 | | | | | | |
| Fertigungsverfahren Ur- und Umformen 2 | | | | | | | 4 | 2 | | | 2 | 5 | | | | | | |
| Sonderfertigungsverfahren | | | | | | | 4 | 2 | | | 2 | 5 | | | | | | |
| Industriebetriebslehre/Kostenrechnung | | | | | | | 6 | 4 | 2 | | | 5 | | | | | | |
| Wahlpflichtmodul 2 | | | | | | | 4 | 2 | 2 | | | 5 | | | | | | |
| Produktionsmaschinen und -systeme | | | | | | | | | | | | | 4 | 2 | 2 | | | 5 |
| Projektmanagement | | | | | | | | | | | | | 4 | 2 | 2 | | | 5 |
| Fügetechnik | | | | | | | | | | | | | 4 | 2 | | 2 | | 6 |
| Bachelorarbeit | | | | | | | | | | | | | | | | | | 12 |
| Kolloquium | | | | | | | | | | | | | | | | | | 2 |

| Wahlpflichtmodule | 4. Semester | | | | | | 5. Semester | | | | | |
|---|-------------|---|---|---|---|----|-------------|---|---|---|---|----|
| | Σ | V | Ü | S | P | LP | Σ | V | Ü | S | P | LP |
| Wahlpflichtmodul 1 | | | | | | | | | | | | |
| Fabrikplanung | 4 | 2 | 2 | | | 5 | | | | | | |
| Fluidtechnik | 6 | 3 | 1 | | 2 | 5 | | | | | | |
| Marketing | 4 | 2 | 2 | | | 5 | | | | | | |
| Technisches Englisch | 4 | | | 4 | | 5 | | | | | | |
| Wahlpflichtkatalog 2 | | | | | | | Σ | V | Ü | S | P | LP |
| CAX-Anwendungen | | | | | | | 4 | 2 | | | 2 | 5 |
| Instandhaltung | | | | | | | 4 | 2 | 2 | | | 5 |
| Kostenmanagement | | | | | | | 4 | 2 | 2 | | | 5 |
| Robotertechnik | | | | | | | 4 | 2 | | | 2 | 5 |
| Vortragstechnik (Rhetorik und Präsentation) | | | | | | | 4 | | | 4 | | 5 |