

Curriculum Structure Engineering Technology

Technology Gateway – For students under-prepared for ET Core

| One Semester | |
|--|----------------------------|
| | Credits (contact hours) |
| EGR 104 Engineering Technology Foundations | 3(3) |
| MAT 104 Mathematics Foundations | 3(3) |
| ENG 104 Communications Foundations | 3(3) |
| Total | 9(9) |

Mathematics, Engineering Technology, and Communications are taken concurrently.

ET Core

| First Year | | | |
|-------------------------------------|-------------------------------|----------------------------------|-------------------------------|
| Semester 1 | | Semester 2 | |
| | Credits (contact hours) | | Credits (contact hours) |
| MAT 181 Integrated Mathematics I | 3(3) | MAT 182 Integrated Math II | 3(3) |
| PHY 181 Integrated Physics I | 3(5) | PHY 182 Integrated Physics II | 3(5) |
| EGR 181 Integrated Technology I | 1(3) | EGR 182 Integrated Technology II | 1(3) |
| ENG 181 Integrated Communications I | 3(3) | ENG 182 Integrated Comm. II | 3(3) |
| General Ed | 3(3) | General Ed | 3(3) |
| Major Course | 4(6) | Major Course | 4(6) |
| Total | 17(23) | Total | 17(23) |

| Second Year | | | |
|------------------------------------|-------------------------------|----------------------|-------------------------------|
| Semester 3 | | Semester 4 | |
| | Credits (contact hours) | | Credits (contact hours) |
| MAT 183 Integrated Mathematics III | 3(3) | Major Courses | 14(22) |
| PHY 183 Integrated Physics III | 3(5) | | |
| EGR 183 Integrated Technology III | 1(3) | | |
| Elective | | | 3(3) |
| Major Courses | 8(12) | | |
| Total | 15(23) | Total | 17(25) |

The integrated courses in a single semester are taken concurrently.

This curriculum structure shows 66 credits in the Core, which is typical of most ET curricula throughout the nation.

Each college will adjust electives, major and general education courses to meet local requirements.

| | |
|--|------------------------|
| Integrated Core | 27 Credits |
| Majors, electives, and other general education | 33 – 57 credits |
| Total | 60 – 84 credits |