

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		
	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		
	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