

Mechanical Engineering Track

Related Areas:

Automotive Engineering, Civil Engineering, Electro-Mechanical Engineering, Mechanical Engineering Technology, Robotics, Architecture, Architectural Engineering Technology, Construction Engineering Technology, Construction Science Management, Engineering Graphics Technology

- This program is for students who want to receive their engineering education at an institute which is closely affiliated with hometown industries. It also provides a personalized learning environment to ensure greater success in the future.

(*See Note: Developmental Studies, COL 103 & EGR 102)

First Semester - Fall

CHM	110	College Chemistry I*	4.0
EGR	269	Engineering Disciplines & Skills	2.0
ENG	101	English Composition I*	3.0
MAT	140	Analytical Geometry & Calculus I *	4.0
		Humanities/Social Science Elective**	3.0

Second Semester - Spring

EGR	270	Introduction to Engineering	3.0
MAT	141	Analytical Geometry & Calculus II*	4.0
PHY	221	University Physics I*	4.0
ENG	102	English Composition II*	3.0

Third Semester - Summer

EGR	275	Introduction to Engineering/Computer Graphics	3.0
PHY	222	University Physics II*	4.0
		Humanities/Social Science Elective**	3.0
SPC	205	Public Speaking*+	3.0

Fourth Semester - Fall

ECE	221	Introduction to Electrical Engineering I	3.0
EGR	260	Engineering Statics	3.0
EGR	206	Introduction to Material Science	3.0
MAT	240	Analytical Geometry & Calculus III*	4.0
		Humanities/Social Science Elective **	3.0

Fifth Semester - Spring

EGR	262	Engineering Dynamics	3.0
MAT	242	Differential Equations*	4.0
EGR	203	Fluid and Thermal Systems	3.0
EGR	204	Mechanics of Materials	3.0
ENG	2##	Literature Elective	3.0

* General education course

+ Clemson no longer requires public speaking for Mechanical Engineering Majors

NOTE: The course schedule listed above is designed for students who begin the program with ENG 101 and MAT 140 based on the placement test. Students that are taking pre-requisite courses for MAT 140 should also take the following courses: COL 103 for students taking MAT 100 and/or EGR 102 for students who are taking MAT 105.

NOTE: See General Education course listing in this catalog for courses marked that are acceptable to transfer as Humanities or Social Science electives to Clemson. Note that engineering majors at Clemson require at least one of the Humanities/Social Science electives to be a literature course; one Humanities course that meets Cultural Awareness understanding; and one Social Science course that meets Science and Technology in Society awareness. Since requirements can change at other institutions at any time, it is well advised for students to get in touch with the department head of the program you wish to transfer into to ensure you are meeting the correct requirements for entrance into that program.

NOTE: Please contact program advisor for recommended evening schedules.

Visit <https://www.gvltec.edu/gainful-employment/> for important information about the educational debt, earnings and graduation rates of students who attended programs.