



Industrial Engineering Engineering on the Coast

Community College Hours

1st YEAR	FALL ENG 1113 - English Composition I MAT 1613 - Calculus I CHE 1214 - General Chemistry I Humanities Fine Arts	SPRING ENG 1123 - English Composition II MAT 1623 - Calculus II CHE 1224 - General Chemistry II PHY 2514 - Physics I -A Lec/Lab GRA 1143 - Graphic Communication I	16	17
2nd Year	MAT 2613 - Calculus III - A MAT 2113 - Linear Algebra PSY 1513 - General Psychology PHY 2524 - Physics II-A Lec/Lab EGR 2413 - Engineering Mechanics I	MAT 2623 - Calculus IV EGR 2433 - Engineering Mechanics II <i>(EGR 2433 -engineering science elective)</i> ECO 2123 - Microeconomics* Humanities SPT 1113 - Fund of Public Speaking	16	15

Mississippi State University Hours

3rd Year	FALL IE 1911 - Intro to Industrial Engineering EM3213 - Mechanics of Materials (Eng Sc Elective) IE 3123 - Industrial Ergonomics IE3121 - Industrial Ergonomics Lab IE 4613 - Engineering Statistics I Managerial Accounting GE 3513 - Technical Writing	SPRING IE3913 - Engineering Economy IE 4623 - Statistics II ME3403 - Materials for ME Design <i>(ME3403 = materials elective)</i> IE 4733 - Linear Programming 1 IE 3323 - Mfg. Processes	17	15
4th Year	ECE 3413 - Intro to Circuits IE 4333 - Production Control Systems 1 IE 4653 - Industrial Quality Control 1 IE 4753 - Systems Engineer IE4934 - Information Systems	IE 4773 - Sys Simulation 1 IE Elective (3-hr non-required IE) IE 4513 - Engineering Administration IE 4915 - Design of Industrial Systems IE 4543 - Logistics Engineering	16	17

1. MA 1713: ACT Math subscore of 26, or grades of C or better in 13234 Trig or 14535 Precalculus.
 2. CH 1213: ACT Math subscore of 24 or grades of C or better in MA 1313 Algebra.
 3. EN 1103: A score of 17 or above in the English section of the ACT or EN 0103.
 4. MA 1323 Trigonometry: ACT Math subscore of 24 or grades of C or better in MA 1313.
 5. MA 1453 Precalculus: Math ACT of 24 or C or better in MA 1323 or a score of at least 70 on the Precalculus Qualifying Exam.
- *** In order to graduate, students must have a grade of C or better in each required industrial engineering course (courses that begin with IE). This includes the "IE Elective" course.