### FRESHMAN (at WSU/community/technical college)

#### FALL
- General Education 
  H/FA/S&BSc (3) *
- Note a
- COMM 111 (3)*
  Public Speaking
- MATH 111 (3) *
  College Algebra
  P: See Course Catalog
- ENGL 101 (3) *
  College English I
  P: See Course Catalog
- Technical Elective (3)

#### SPRING
- General Education 
  H/FA/S&BSc (3) *
- Note a
- CHEM 211 (5)
  General Chemistry I
  Coreq: MATH 111
- MATH 123 (3) *
  College Trigonometry
  P: MATH 111 with C or better
- ENGL 102 (3) *
  College English II
  P: ENGL 101 with grade C or better
- Technical Elective (3)

### SOPHOMORE (at WSU/community/technical college)

#### FALL
- General Education 
  H/FA/S&BSc (3) *
- Note a
- PHYS 213 (5)
  General College Physics I
  P: MATH 123
- MATH 242 (5)
  Calculus I
  P: MATH 111 and MATH 123 with C or better
- Technical Elective (3)
  Composition: Business, Professional and Technical Writing
  P: ENGL 101/102
- Technical Elective (3)

#### SPRING
- General Education 
  H/FA/S&BSc (3) *
- Note a
- MATH 252 (3)
  Technical Calculus II
  P: MATH 251 or MATH 242 with C or better
  (Spring only)
- Technical Elective (3)
- Technical Elective (3)

### SUMMER (JUNIOR at WSU)
- ENGT 301 (3) *
  Intro to Engineering Technology
  (Summer only)
  P: Jr. standing or dept. approval
- IME 222 (3) *
  Engineering Graphics
  P: MATH 123 or equivalent with C or better
- IME 255 (3) *
  Engineering Economy
  Coreq: MATH 242 or MATH 251
- IME 258 (3) *
  Manufacturing Methods I
  P: MATH 123 with C or better
- PHIL 385 (3)
  Engineering Ethics
  P: Junior or senior standing

### JUNIOR (at WSU)

#### FALL
- CS 194 (4)
  Introduction to Digital Design
  P: MATH 111
- IME 222 (3)
  Engineering Graphics
  P: MATH 123 or equivalent with C or better
- IME 255 (3) *
  Engineering Economy
  Coreq: MATH 242 or MATH 251
- IME 258 (3) *
  Manufacturing Methods I
  P: MATH 123 with C or better
- PHIL 385 (3)
  Engineering Ethics
  P: Junior or senior standing

#### SPRING
- CS 211 (4)
  Introduction to Programming
  P: MATH 111
- ENGT 302 (3)
  Applied Mechanics: Statics & Dynamics
  Coreq: MATH 252 or MATH 243
  P: PHYS 213
  (Spring only)
- ENGT 320 (4)
  Circuits Technology
  P: MATH 251 or MATH 242
  (Spring only)
- ENGT 354 (3) *
  Statistical Process Control
  P: MATH 243 or MATH 252
  (Spring only)
- Engineer of 2020 Requirement 
  (1 of 3)
  See notes

### SENIOR (at WSU)

#### FALL
- ENGT 303 (3)
  Introduction to Fluids
  P: MATH 252 and ENGT 302
  (Fall only)
- ENGT 304 (3)
  Introduction to Strength and Mechanics of Materials
  P: ENGT 302
  (Fall only)
- ENGT 497 (4)
  Electrical Power and Machinery
  P: ENGT 320
  (Fall only)
- ENGT 361 (4) *
  Industrial Controls and Instrumentation
  P: ENGT 320 and MATH 252
  (Fall only)
- Engineer of 2020 Requirement 
  (2 of 3)
  See notes

#### SPRING
- ENGT 308 (3)
  Machine Elements
  P: ENGT 302 or AE 223
  (Spring only)
- ENGT 410 (3)
  Robotics Technology
  P: ENGT 361
  (Spring only)
- ENGT 411 (3)
  Micro-Based Mechanical Systems Technology
  P: ENGT 361 and ENGT 410
  (Spring only)
- ENGT 402 (3) *
  Senior Design Project II
  P: ENGT 401
  Senior Standing
- Engineer of 2020 Requirement 
  (3 of 3)
  See notes

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Notes: Students admitted after fall 2007 must fulfill the Engineer 2020 requirements.
a. Humanities/Fine Arts/Social & Behavioral Science Courses must be from an approved list which appears in the Schedule of Courses and/or the community college Transfer Guides.
P: Prerequisite

*May be available as an online or hybrid class (up to 48 credit hours)

Last Updated: 3/2016