



RECOMMENDED SCHEDULE
 Official course requirements based upon semester admitted into the program.

ENTERING FALL 2018

First Year		
Fall	Spring	Summer
3150:151 ^Principles of Chemistry I 3	3300:112 ^^English Composition II 3	
3150:152 Principles of Chem I Lab 1	3450:222 ^Analytic Geometry-Calculus II 4	
3300:111 ^^English Composition I 3	3650:291 ^Elementary Classical Physics I 4	
3450:221 ^Analytic Geometry-Calculus I 4	4450:220 Digital Logic Design 4	
4400:101 Tools for Electrical Engineering 3	*General Ed or Honors Distribution 3	
14	18	

Second Year		
Fall	Spring	Summer
3450:223 ^Analytic Geometry-Calculus III 4	3450:335 Intro. To Ordinary Differential Equations 3	
3650:292 ^Elementary Classical Physics II 4	4300:201 ^Statics 3	
4400:230 Circuits I Lab 1	4400:330 Circuits II Lab 1	
4400:231 Circuits I 3	4400:332 Circuits II 3	
*General Ed or Honors Distribution 3	4450:208 Programming for Engineers 3	
*General Ed or Honors Distribution 3	*General Ed or Honors Distribution 3	
18	16	

Third Year		
Fall	Spring	Summer
4300:202 or Intro: Mechanics of Solids or 3 4600:203 ^Dynamics	4400:309 Design Project Seminar 1	3470:401 Prob. & Stat. for Engineers 2
4400:340 Signals & Systems 4	4400:341 Intro. Communications Systems 3	4200:305 or 4600:305 Materials Science or Thermal Science 2
4400:360 Physical Electronics 3	4400:354 Electromagnetics II 3	*General Ed or Honors Distribution 3
4400:353 Electromagnetics I 4	4400:361 Electronic Design 4	4400:303 Research III (Optional) 1
4400:381 Energy Conversion 4	4400:371 Control Systems I 4	
4400:301 Research I (Optional) 1	4400:302 Research II (Optional) 1	
19	16	8

Fourth Year		
Fall	Spring	Summer
4400:401 Senior Design Project I (CT) 2	4400:402 Senior Design Project II (CS) 3	
Electrical Eng. Elective 3	Electrical Eng. Elective 3	
Electrical Eng. Elective 3	Electrical Eng. Elective 3	
Electrical Eng. Elective 3	Electrical Eng. Elective 3	
*General Ed or Honors Distribution 3	*General Ed or Honors Distribution 3	
14	15	

College of Engineering Notes
 *Credit hours shown for General Education or Honors Distribution are general guidelines only. These courses should be chosen in accordance with the appropriate General Education curriculum guide (for non-honors students) or Honors Distribution (for honors students). Honors students must also ensure that their course selections meet additional requirements not shown on this curriculum guide.
[Gen Ed Program - https://www.uakron.edu/general-education/](https://www.uakron.edu/general-education/) [Honors Distribution - https://www.uakron.edu/honors/curriculum/](https://www.uakron.edu/honors/curriculum/)
 ^Honors sections may be available; check the schedule of classes.
 This is a recommended schedule. Please consult an academic advisor.

Electrical Engineering Program Notes
 Up to three credits of undergraduate research in Electrical Engineering may be applied to program requirements as Electrical Engineering Electives. Students may take at most one credit of undergraduate research in a semester.
 See Electrical and Computer Engineering advisors for Approved Electrical Engineering Electives (including Breadth and Depth requirements)
 ^The Electrical and Computer Engineering Department recommends that English Composition be used to satisfy writing course requirements but other choices are available. See the General Education Program or Honors Distribution for details.
 In addition to meeting all other degree requirements, a minimum of 137 credits must be completed.