# Bachelor of Science in Engineering Technology A close up of a logo  Description automatically generated

## Student Information - The Ohio State University at Marion

Name: OSU ID: OSU Admit Term:

Phone:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Email *(name.number@osu.edu)*: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Suggested Curriculum:**

This 4-year curricular sheet should be used as a guide only. The schedule assumes students are Calculus ready. If students are placed in lower-level Math courses or remedial English, they may need to take summer classes or more credit hour per semester to complete in 4 years (check with your academic advisor). Semester offerings are subject to change. GE Foundation and Theme courses can be taken in any order although we suggest students complete the Writing Foundation in the first year. Other Foundation areas are Race, Ethnic, Gender Diversity; Social Science; Culture/History; Literary, Visual, and Performing Arts.

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| **YR** | **Autumn** | **Spring** |
| 1 | \_\_\_ENGRTEC 1500 (Manufacturing Processes 1)….3 hr\_\_\_ENGRTEC 1200 (Intro to Eng Tech)\*…………...1 hr\_\_\_MATH 1151/1154 (Calculus I)1 …….………...4-5 hr \_\_\_ENGR 1181 (Fundamentals of Engineering 1)… .2 hr\_\_\_EXP 1100.01 (Univ Survey)……………………..1 hr\_\_\_GE Foundation…………………………………...3 hr **Total 14-15 hr** | \_\_\_ENGRTEC 2500 (Manufacturing Processes 2)…...2 hr \_\_\_MATH 1155/1172 (Calculus II)1.........................4-5 hr\_\_\_ENGR 1182 (Fundamentals of Engineering 2).......2 hr\_\_\_CSE 2111 (Spreadsheets & Databases)…..….…....3 hr\_\_\_GE Foundation (Writing)..……………….…..........3 hr\_\_\_GENED 1201 Launch Seminar...............................1 hr **Total 15-16 hr** |
| 2 | \_\_\_PHYS 1250 (Physics I)....................................,…..5 hr\_\_\_STATS 3440 (Applications in Quality)\*\*...............3 hr\_\_\_ENGRTEC 1600 (Engineering Graphics)………..3 hr \_\_\_CSE 1222 (C++ Programming)…………………..3 hr\_\_\_GE Foundation…………………………………...3 hr **Total 17 hr** | \_\_\_PHYS 1231/1251 (Physics II)3…………..…...…3-5 hr\_\_\_BUSOBA 3230 (Operations Management).............3 hr\_\_\_CHEM 1250 (Chem for Engineers)2........................4 hr \_\_\_GE Theme: (Citizenship)4..…………...………….. 4 hr **Total 14-16 hr** |
| 3 | \_\_\_ENGRTEC 3800 (Project Management)................3 hr\_\_\_ENGRTEC 2300 (Electric Circuits).......................3 hr\_\_\_MATSCEN 2010 (Intro to Eng Materials)…...…..3 hr\_\_\_ENGRTEC 3100 (Material Science Lab)……. ..0.5 hr\_\_\_ENGRTEC 2100 (Intro to Robotics)…..……..…..2 hr \_\_\_BUSOBA 4250 (Six Sigma Principles)..................3 hr **Total 14.5 hr** | \_\_\_ENGRTEC 3700 (Mechanical Processes)……...…3 hr\_\_\_ENGRTEC 3900 (Indus Automation PLC1)...........3 hr\_\_\_ENGRTEC 4300 (Facility Layout Integration).......3 hr\_\_\_ISE 2040.02 (Engr Economics)...............................2 hr\_\_\_GE Theme: (open choice) 4…...…………...……....4 hr **Total 15 hr** |
| 4 | \_\_\_ENGRTEC 4900 (Capstone1)\*/\*\*\*..........................3 hr\_\_\_ENGRTEC 4200 (Indus Automation PLC2)..........3 hr\_\_\_ENGRTEC 4600 (Power & Drives)……..............3 hr\_\_\_ENGRTEC 4400 (Leader/Change Management)...3 hr\_\_\_GE Foundation.……………………....……….…..3 hr  **Total 15 hr** | \_\_\_ENGRTEC 4910 (Capstone 2)…............................3 hr\_\_\_ENGRTEC 4500 (Robotics & Automation)\*\*.........3 hr\_\_\_ENGRTEC 4700 (Networks, Security, Safety)…...3 hr\_\_\_ENGRTEC 3600 (Tech, Structure, Applications)...3 hr\_\_\_GE Foundation………………………..…… .…….3 hr \_\_\_GENED Reflection Seminar ..................................1 hr **Total 16 hr** |

 **Optional electives:** ENGRTEC 4191.01 (1 hr) and 4191.02 (2 hr) Internships

 **Total Hours to complete the degree program = 120.5**

1  MATH 1151/1172 can substitute MATH 1154/1155 *\** Fulfills Embedded Literacy: *Technology*

2 CHEM 1210 can substitute CHEM 1250 *\*\** Fulfills Embedded Literacy: *Data Analysis*

3 PHYSICS 1251 can substitute PHYSICS 1231 *\*\*\** Fulfills Embedded Literacy: *Advanced Writing*
4 Two 3 credit Theme course can be substituted for one 4 credit Theme course