**COLLEGE OF ENGINEERING**

**DEPARTMENT OF MECHANICAL AND MANUFACTURING ENGINEERING**

**GRADUATION CHECKLIST**

## STUDENT:          T-Number:

**Catalog Used:**       **Expected Date of Graduation:**                 **Email:**

##  Phone:                 ETS Senior Exit Exam:            FE:

###  SEM – YEAR SEM – YEAR

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Courses Required | Grade | **Substitutions** | Courses Required | Grade | **Substitutions** |
| Course | **Cr. Hr.** | **Transfer Hours\*\*** | **TSU Complete** | **Semester Year** | Course**Offered** |  **Cr. Hr.** | Course | **Cr. Hr.** | **Transfer Hours\*\*** | **TSU Complete** | **Semester Year** | CourseOffered |  **Cr. Hr.** |
| 1.0 UNIVERSITY |  |  |  |  |  |  | **8.0 ENGINEERING CORE** |  |  |  |  |  |  |
| UNIV 1000 | 1 | TA |  | SP18 |  |  |  |  |  |  |  |  |  |
| 2.0 MATHEMATICS |  |  |  |  |  |  | **ENGR 1020** | 1 |  | A | SP21 |  |  |
| MATH 1910 | **4** | **TB** |  | **SU18** |  |  | **ENGR 1151** | **1** |  | **A** | **SU19** |  |  |
| MATH 1920 | 4 | TB |  | FA18 |  |  | ENGR 2000 | 3 |  | B | FA20 |  |  |
| MATH 2110 | **4** |  |  |  |  |  | **ENGR 2001** | **1** |  |  |  |  |  |
| MATH 3120 | 3 |  |  |  |  |  | ENGR 2010 | **3** |  |  |  |  |  |
|  \*MATH 3610 (Math/Sci Elec) | **3** |  |  |  |  |  | **ENGR 2110** | **3** |  |  |  |  |  |
|  |  |  |  |  |  |  | **ENGR 2120** | **3** |  |  |  |  |  |
|  |  |  |  |  |  |  | **ENGR 2130** | **3** |  |  |  |  |  |
| 3.0 SCIENCE |  |  |  |  |  |  | **ENGR 2131** | **3** |  |  |  |  |  |
| CHEM 1110 | **3** |  |  |  |  |  | **ENGR 2230** | **3** |  |  |  |  |  |
| CHEM 1111 | **1** |  |  |  |  |  | **ENGR 3200** | **3** |  |  |  |  |  |
| PHYS 2110 | 3 |  |  |  |  |  | **ENGR 3300** | **2** |  |  |  |  |  |
| PHYS 2111 | **1** |  |  |  |  |  | **ENGR 3400** | **3** |  |  |  |  |  |
| PHYS 2120 | 3 |  |  |  |  |  | **ENGR 4201** | **0** |  |  |  |  |  |
| PHYS 2121 | **1** |  |  |  |  |  | **ENGR 4500** | **1** |  |  |  |  |  |
|  |  |  |  |  |  |  | **ENGR 4510** | 1 |  |  |  |  |  |
|  |  |  |  |  |  |  | **ENGR 4900** | **1** |  |  |  |  |  |
| 4.0 COMMUNICATION  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **ENGL 1010** | **3** |  |  |  |  |  | **9.0 MAJOR COURSES** |  |  |  |  |  |  |
| ENGL 1020 | **3** |  |  |  |  |  | **MEEN 3100** | **3** |  |  |  |  |  |
| COMM 2200 | **3** |  |  |  |  |  | **MEEN 3210** | **3** |  |  |  |  |  |
|  |  |  |  |  |  |  | **MEEN 3220** | **3** |  |  |  |  |  |
| 5.0 HISTORY\*\*\*\* |  |  |  |  |  |  | **MEEN 3250** | **3** |  |  |  |  |  |
| HIST 2010 | **3** |  |  |  |  |  | **MEEN 3511** | **1** |  |  |  |  |  |
| HIST 2020 | 3 |  |  |  |  |  | **MEEN 3521** | **1** |  |  |  |  |  |
|  |  |  |  |  |  |  | **MEEN 4011** | **1** |  |  |  |  |  |
| 6.0 HUMANITIES\*\*\*\*  |  |  |  |  |  |  | **MEEN 4021** | **1** |  |  |  |  |  |
| ENGL 2012 | 3 |  |  |  |  |  | **MEEN 4150** | **3** |  |  |  |  |  |
| **PHIL 1030** | **3** |  |  |  |  |  | **MEEN 4230** | **3** |  |  |  |  |  |
| **ART 1010** | **3** |  |  |  |  |  | **MEEN 4250** | **3** |  |  |  |  |  |
|  |  |  |  |  |  |  | **CVEN 3100** | **3** |  |  |  |  |  |
| **7.0 SOCIAL SCIENCE\*\*\*\*** |  |  |  |  |  |  | **10.0 TECH. ELECTIVE\*\*\*** |  |  |  |  |  |  |
| **ECON 2010** | **3** |  |  |  |  |  | **MEEN 4600** | **3** |  |  |  |  |  |
| **ECON 2020** | **3** |  |  |  |  |  | **11.0 DESIGN ELECTIVE\*\*\*** |  |  |  |  |  |  |
|  |  |  |  |  |  |  | **MEEN 4200** | **3** |  |  |  |  |  |

\*Math/Sci Elective: MATH 3610 or ENGR 4400 or similar course **\*\***Transfer Hours: Completed at a different institution than TSU

**\*\*\***Tech. & Design Electives: Several options are available to choose from \*\*\*\*Revise as appropriate

**Credits Hours:**

Humanities: \_\_9\_\_ Social Sciences: \_\_6\_\_ Math and Sciences: \_\_30\_\_ Institutional Requirement:\_\_\_\_\_\_ Engineering: \_\_\_\_\_\_\_

INDUSTRIAL EXPERIENCE:                      Location:                                     Date:

**Student Signature:**                                               **Advisor Signature:**

**Department Head:**                                               **Date**: