



Name \_\_\_\_\_  
 Student ID \_\_\_\_\_  
 Date \_\_\_\_\_

2024-25 Mechanical Engineering Checklist

TRANSFORMATIONAL JOURNEY PROGRAM (TJP)  
 First Year Experience (3 credits)  
 \_\_\_ FY10 First Year Seminar

Faith and Ethics (9 credits)  
 \_\_\_ TH105 Introduction to Theology  
 \_\_\_ PH130 Human Nature & Person  
 \_\_\_ Second THL\*

Scientific Problem Solving  
 Fulfilled by major requirements

Quantitative Problem Solving  
 Fulfilled by major requirements

Civics Problem Solving  
 Fulfilled by major requirements (EGR 317)

Communication (6 credits)  
 \_\_\_ ENG12 Writing and Community  
 \_\_\_ COM01 Public Speaking

Cultural and Global Awareness (6 credits)  
 \_\_\_ World Language (determined by placement)  
 One of the following courses:  
 \_\_\_ GL301 Global Perspectives  
 \_\_\_ HUM210 Meaning Through Culture

Health and WellBeing (6 credits)  
 \_\_\_ HWB110 Holistic Health: Mind, Body, and Spirit  
 One of the following courses:  
 \_\_\_ PSY01 General Psychology  
 \_\_\_ PSY20 Human Growth and Development  
 \_\_\_ SOC01 Introduction to Sociology

Broad Integrative Knowledge Outside Major\*\*  
 a. Completion of a minor  
 b. Completion of a second major  
 c. Completion of a Pathway  
 \*Please refer to catalog or MUHUB Program for a

___ E	3
___ CHE 101 General Chemistry I	3
___ EGR 221 Engineering Mechanics: Statics	3
___ EGR 241 Linear Circuit Analysis	3
___ EGR 301 Global Engineering	3
___ EGR 317 Engineering Economics	3
___ EGR 491 Engineering Senior Design	3

Mechanical Engineering Requirements 47 (hours)  
 EGR 221 Engineering Mechanics: Dynamics 3

## 2024-25 B.S.MechanicalEngineering Major Sample Four-Year Plan

Year One					
Fall Semester			Spring Semester		
Requirement Category	Course	CreditHrs	Requirement Category	Course	CreditHrs