

GREAVES, SAWYER
Mechanical Engineering
University of Utah - Degree Audit

Prepared On 08/11/2025 12:40 PM

Program
Code MJ-MEEN

Catalog Year Fall 2022

Student ID 01239844

Job ID 2522312405497829

[Open All Sections](#)[Close All Sections](#)

**** WARNING: FEDERAL LAW PROHIBITS TRANSMITTAL TO A THIRD PARTY ****

**** This report is NOT an Official Transcript of Grades ****

This report has been designed to assist you with planning courses to complete all University degree requirements. Every effort has been made to insure its accuracy; however, you have the responsibility to determine whether or not you have completed all degree requirements. Final confirmation of degree requirements is subject to University approval.

Codes assigned to REPEATED Courses:

>R = Repeatable Course, Credit/GPA retained

>D = Course not repeatable for credit, Repeat currently in progress, No credit awarded, GPA retained

>X = No Credit/GPA awarded, Course not repeatable for credit

Term values for courses: FA = Fall
 SP = Spring
 SU = Summer
 WI = Winter

ALL REQUIREMENTS COMPLETED --- IN-PROGRESS COURSES USED

**Inquiries concerning University general requirements should be directed to the Academic Advising Center (801-581-8146).
Inquiries about specific major requirements should be directed to the department offering the major.**

*****PLEASE NOTE: GENERAL EDUCATION IS CHANGING STARTING FALL 2024. ADDITIONAL INFORMATION CAN BE FOUND [HERE](#).*****

PLEASE SEE YOUR ACADEMIC ADVISOR IF YOU HAVE ANY QUESTIONS.

✓ **MINIMUM U OF U GPA REQUIREMENT**

EARNED:

3.955 GPA

... **TOTAL HOUR REQUIREMENT**

IP EARNED: 142.00 HOURS

IN PROG: 12.00 HOURS

... U OF U COURSE CREDIT HOURS THAT WERE COUNTED TOWARDS THE 122 TOTAL HOURS REQUIRED.

107.00 HOURS EARNED

IP -->

12.00 HOURS

✓ ACCEPTED TEST CREDIT COUNTED TOWARDS REQUIRED HOURS

32.00 HOURS EARNED

TRANSFER COURSE CREDIT HOURS COUNTED TOWARDS THE 122 TOTAL HOURS REQUIRED.

3.00 HOURS EARNED

******* REPEATED COURSES AND/OR COURSES WITH CR GRADES *******

******* TAKEN AT THE UNIVERSITY OF UTAH *******

REPEATED COURSES

COURSES WITH CR GRADES

*** UPPER DIVISION HOURS

IP EARNED: 42.00 HOURS

IN PROG: 6.00 HOURS

...	SP23	MATH 3140	4.0	A	Engr. Vect. Calc. & PDE
	SP24	ME EN3220 QI	3.0	A	Dynamic Sys & Control
	SP24	ME EN3310	3.0	A	Mechanics of Materials
	SP24	ME EN3315	1.0	A	Mech of Materials Lab
	SP24	ME EN3400 CW	3.0	A-	Prof Comm for MEs
	SP24	ME EN3710	3.0	A	Fluid Mechanics
	FA24	ME EN3000	3.0	A	Design of Mech Elements
	FA24	ME EN3230 QI	4.0	A	Mechatronics
	FA24	ME EN3650	3.0	A	Heat Transfer
	FA24	ME EN5220	3.0	A	Robotics I: Mechanics
	SP25	ME EN4000	3.0	A	Engineering Design I
	SP25	ME EN4650	3.0	A	TFES Lab
	SP25	ME EN5210	3.0	A-	Linear Control Systems
	SP25	ME EN6230	3.0	A	Robotics II: Control Grad Course
	FA25	CS 6300	3.0	IP	Artificial Intelligence
	FA25	ME EN4010	3.0	IP	Engineering Design II

*** RESIDENCE HOUR REQUIREMENT

**** This requirement is only relevant within the last ******** 30 hours prior to graduation ****

This requirement does not classify residency status for tuition purposes.

... COMPLETED MINIMUM OF 30 HOURS OF COURSE WORK TAKEN IN RESIDENCE AT THE UNIVERSITY OF UTAH.

(107.00 HRS COMPLETED)

IP --> 12.00 HOURS

... A minimum of 20 out of the last 30 hours must be taken in residence at the University.

No more than 10 out of the last 30 hours may be taken as transfer, test, special credit, correspondence, or challenge credit.

(18.00 HRS COMPLETED)

IP --> 12.00 HOURS

FA25	MUSC 1236 DVFF	3.0	IP	Survey Of Jazz
FA25	ME EN4010	3.0	IP	Engineering Design II
FA25	GEO 1050 IRPS	3.0	IP	National Parks Geology
FA25	CS 6300	3.0	IP	Artificial Intelligence
SP25	ME EN6230	3.0	A	Robotics II: Control Grad Course
SP25	ME EN5210	3.0	A-	Linear Control Systems
SP25	ME EN4650	3.0	A	TFES Lab
SP25	ME EN4000	3.0	A	Engineering Design I
FA24	ME EN5220	3.0	A	Robotics I: Mechanics
FA24	ME EN3650	3.0	A	Heat Transfer

GENERAL EDUCATION CORE REQUIREMENTS

✓ AMERICAN INSTITUTIONS (AI)

✓ Completed Requirement

SP19 POLS 1100 BF 3.0 AP AP CR: AP0004GOVA BF

✓ WRITING REQUIREMENT (WR1)

✓	Completed by Exam/Special Credit			
	SP19 ENGL 2XXX	6.0	AP	AP CR: AP0003CMPW WR1
✓	WRITING REQUIREMENT (WR2)			
✓	Completed by Exam/Special Credit			
	SP18 WRTG 1010 WR2	3.0	AP	AP CR: AP0005LANGWR2
✓	QUANTITATIVE LITERACY REQUIREMENT (QL)			
✓	Completed by Exam/Special Credit			
	SP18 MATH 1050	3.0	AP	AP CR: AP0003MCAB QR
GENERAL EDUCATION BREADTH REQUIREMENTS				
COMPLETE 1 COURSE IN EACH AREA				
✓	FINE ARTS IE AREA (FF)			
✓	Completed Requirement			
	SP23 MUSC 2100 FF	3.0	A	Hist of Rock'n Roll
✓	HUMANITIES IE AREA (HF)			
✓	Completed Requirement			
	SP18 XIST 112 HF	3.0	A	UNITED STATES HIST A 455114: HIST 112
✓	LIFE SCIENCE IE AREA (LS)			
✓	Completed by Exam/Special Credit			
	SP17 PHYS 1010 SF	3.0	AP	AP CR: AP0003PHYS1SF
...	PHYSICAL SCIENCE IE AREA (PS)			
...	Completed Requirement			
	FA25 GEO 1050 IRPS	3.0	IP	National Parks Geology
✓	SOCIAL SCIENCE IE AREA (BF)			
✓	Completed Requirement			
	SP23 ANTH 1030 BF	3.0	A	Prehistoric Archaeology
UNIVERSITY BACHELOR DEGREE REQUIREMENTS				
✓	COMMUNICATION/UPPER DIVISION WRITING REQUIREMENT (CW)			
✓	Completed Requirement			
	SP24 ME EN3400 CW	3.0	A-	Prof Comm for MEs
...	DIVERSITY REQUIREMENT (DV)			
...	Completed Requirement			
	FA25 MUSC 1236 DVFF	3.0	IP	Survey Of Jazz
...	INTERNATIONAL REQUIREMENT (IR)			
...	Completed Requirement			
	FA25 GEO 1050 IRPS	3.0	IP	National Parks Geology
✓	B.S. DEGREE - METHODS REQUIREMENT (QI/DI)			
✓	Completed Requirement			
		1	COURSE TAKEN	
	SP24 ME EN3220 QI	3.0	A	Dynamic Sys & Control

Major Requirements

College of Engineering
Mechanical Engineering
Catalog Year: FA2022 - SU2023

Mechanical Engineering
mech.utah.edu/academics/undergraduate
1550 Rio Tinto Kennecott Mechanical Engineering Building (MEK)
801-581-6441

***** All technical course work must be completed with a *****
C or better.

Courses may be repeated only once, and the second grade will
replace the first grade.

✓ **Cumulative University of Utah GPA Requirement**
Maintain a cumulative University of Utah GPA of 2.5 or
higher.

✓ 3.955 GPA

NEEDS: 2.500 GPA

Technical GPA
Information only - not a requirement

94.00 ATTEMPTED HOURS 371.20 POINTS 3.949 GPA

✓ **Math**

✓ Engineering

4 COURSES TAKEN

16.00 ATTEMPTED HOURS 64.00 POINTS 4.000 GPA

SP22	MATH 1310 QR	4.0	A	Engineering Calculus I
SU22	MATH 1320 QR	4.0	A	Engineering Calculus II
FA22	MATH 2250 QR	4.0	A	Diff Equ & Lin Algebra
SP23	MATH 3140	4.0	A	Engr. Vect. Calc. & PDE

✓ **Science**

✓ 4 COURSES TAKEN

SP22	CHEM 1210 SF	4.0	A	General Chemistry I
SP22	CHEM 1215	1.0	A	General Chemistry Lab I
SU22	PHYS 2210 SF	4.0	A	Phys For Scien & Eng I
FA22	PHYS 2220 SF	4.0	A	Phyc For Scien & Eng II

✓ **LOWER DIVISION CORE ENGINEERING COURSES**

✓ 9 COURSES TAKEN

SU22	ME EN2010	3.0	A	Statics
FA22	ME EN1000	3.0	A	Intro Desgn for Eng Sys
FA22	MSE 2160	3.0	A	Elements Of MSE
SP23	ME EN1010	3.0	A	Cmptr Prob Solv Eng Sys
SP23	ME EN2030	3.0	A	Dynamics
FA23	ECE 2210	3.0	B	EI/CP En For Nonmajors
FA23	ME EN2300	3.0	A	Thermodynamics
FA23	ME EN2450	3.0	A	Num Methods for Eng Sys
FA23	ME EN2650	3.0	A	Manufact for Eng Sys
FA23	ME EN2550	3.0	A	Prob & Stats for Eng

✓ **Upper Division Core Engineering Courses**

Earn a 2.3 (C+) cumulative GPA in the following courses:

✓ 8 GROUPS COMPLETED

SP24	ME EN3220 QI	3.0	A	Dynamic Sys & Control
SP24	ME EN3310	3.0	A	Mechanics of Materials
SP24	ME EN3315	1.0	A	Mech of Materials Lab
SP24	ME EN3400 CW	3.0	A-	Prof Comm for MEs

SP24	ME EN3710	3.0	A	Fluid Mechanics
FA24	ME EN3000	3.0	A	Design of Mech Elements
FA24	ME EN3230 QI	4.0	A	Mechatronics
FA24	ME EN3650	3.0	A	Heat Transfer
SP25	ME EN4650	3.0	A	TFES Lab

... Capstone Engineering Courses



...

2 COURSES TAKEN

SP25	ME EN4000	3.0	A	Engineering Design I
FA25	ME EN4010	3.0	IP	Engineering Design II

✓ Technical Elective Courses

EARNED: 6.00 HOURS

NOTE: RW - BS/MS Program



✓

Six of the twelve technical elective credits must be completed with in-class 5000-level courses within the Mechanical Engineering department, excluding ME EN 4999 5910, 5930 and 5950 (This requirement is waived for students pursuing the Data Science Emphasis or Computer Science Minor. These student can complete all 12 technical elective credits from the list of approved courses outside of Mechanical Engineering. Computer Science Minor students see advisor for Degree Audit Exception).

FA24	ME EN5220	3.0	A	Robotics I: Mechanics
SP25	ME EN5210	3.0	A-	Linear Control Systems

✓ Upper Division Core ME EN GPA

✓

8 GROUPS COMPLETED

3.965 GPA

SP24	ME EN3220 QI	3.0	A	Dynamic Sys & Control
SP24	ME EN3310	3.0	A	Mechanics of Materials
SP24	ME EN3315	1.0	A	Mech of Materials Lab
SP24	ME EN3400 CW	3.0	A-	Prof Comm for MEs
SP24	ME EN3710	3.0	A	Fluid Mechanics
FA24	ME EN3000	3.0	A	Design of Mech Elements
FA24	ME EN3230 QI	4.0	A	Mechatronics
FA24	ME EN3650	3.0	A	Heat Transfer
SP25	ME EN4650	3.0	A	TFES Lab

NEEDS: 2.300 GPA

✓ ABET SCIENCE AND MATH CREDIT HOUR REQUIREMENT

✓

29.00 HOURS EARNED

SP22	CHEM 1210 SF	4.0	A	General Chemistry I
SP22	CHEM 1215	1.0	A	General Chemistry Lab I
SP22	MATH 1310 QR	4.0	A	Engineering Calculus I
SU22	MATH 1320 QR	4.0	A	Engineering Calculus II
SU22	PHYS 2210 SF	4.0	A	Phys For Scien & Eng I
FA22	MATH 2250 QR	4.0	A	Diff Equ & Lin Algebra
FA22	PHYS 2220 SF	4.0	A	Phyc For Scien & Eng II
SP23	MATH 3140	4.0	A	Engr. Vect. Calc. & PDE

All Other Mechanical Engineering Courses

SP25	ME EN6230	3.0	A	Robotics II: Control Grad Course
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***** IN PROGRESS COURSES *****

... U OF U CURRENT REGISTRATION

0.00 HOURS EARNED

IP -->

12.00 HOURS

FA25	CS 6300	3.0	IP	Artificial Intelligence
FA25	GEO 1050 IRPS	3.0	IP	National Parks Geology
FA25	ME EN4010	3.0	IP	Engineering Design II
FA25	MUSC 1236 DVFF	3.0	IP	Survey Of Jazz

GENERAL ELECTIVES****** COURSES NOT USED IN GENERAL EDUCATION, ************ BACHELOR'S DEGREE REQUIREMENTS, OR MAJOR ******

SP17	PHYS 1XXX	1.0	AP	AP CR: AP0003PHYS1SF
SP18	ENGL 1XXX	3.0	AP	AP CR: AP0005LANGCWR2
SP18	MATH 1060	3.0	AP	AP CR: AP0003MCAB QR
SP18	PHYS 1010 SF	3.0	AP	AP CR: AP0003PHYS2SF
SP18	PHYS 1XXX	1.0	AP	AP CR: AP0003PHYS2SF
SP18	WRTG 1010 WR2	3.0	AP	AP CR: AP0005LANGCWR2
SP19	AP0002MCAB	0.0	AP	AP CR: AP0002MCAB
SP19	AP0002MCBC	0.0	AP	AP CR: AP0002MCBC
SP19	ENGL 2XXX	6.0	AP	AP CR: AP0003CMPW WR1
SP22	ENTP 2030	3.0	A	Social Entrepreneurship
SP22	MSE 1801	1.0	A	Contemporary MSE II
FA25	CS 6300	3.0	IP	Artificial Intelligence

ATTEMPTED COURSES WITHOUT CREDIT

SP22	ESSF 1130	0.0	W	Golf Elementary
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**SUMMARY OF ALL AP, CLEP, SPECIAL CREDIT
AND PLACEMENT SCORES**

AP, IB, CLEP & SPECIAL CREDIT

32.00 HOURS EARNED

SP17	PHYS 1010 SF	3.0	AP	AP CR: AP0003PHYS1SF
SP17	PHYS 1XXX	1.0	AP	AP CR: AP0003PHYS1SF
SP18	ENGL 1XXX	3.0	AP	AP CR: AP0005LANGCWR2
SP18	MATH 1050	3.0	AP	AP CR: AP0003MCAB QR
SP18	MATH 1060	3.0	AP	AP CR: AP0003MCAB QR
SP18	PHYS 1010 SF	3.0	AP	AP CR: AP0003PHYS2SF
SP18	PHYS 1XXX	1.0	AP	AP CR: AP0003PHYS2SF
SP18	WRTG 1010 WR2	3.0	AP	AP CR: AP0005LANGCWR2
SP19	AP0002MCAB	0.0	AP	AP CR: AP0002MCAB
SP19	AP0002MCBC	0.0	AP	AP CR: AP0002MCBC
SP19	ENGL 2XXX	6.0	AP	AP CR: AP0003CMPW WR1
SP19	POLS 1100 BF	3.0	AP	AP CR: AP0004GOVA BF
FA19	MATH QA	3.0	SC	MATH INT: MATH QA

PLACEMENT SCORES

SP18	ACT 0002CTEXT	0.0	AT	ACT SCR: ACT 0002CTEXT
SP18	ACT 0028ELA	0.0	AT	ACT SCR: ACT 0028ELA
SP18	ACT 0028ENGL	0.0	AT	ACT SCR: ACT 0028ENGL
SP18	ACT 0030MATH	0.0	AT	ACT SCR: ACT 0030MATH
SP18	ACT 0031COMP	0.0	AT	ACT SCR: ACT 0031COMP
SP18	ACT 0032STEM	0.0	AT	ACT SCR: ACT 0032STEM
SP18	ACT 0033READ	0.0	AT	ACT SCR: ACT 0033READ
SP18	ACT 0034SCIRE	0.0	AT	ACT SCR: ACT 0034SCIRE
SP18	SATI 0012RWC	0.0	ST	SAT SCR: SATI 0012RWC
SP18	SATI 0013HA	0.0	ST	SAT SCR: SATI 0013HA
SP18	SATI 0013PAM	0.0	ST	SAT SCR: SATI 0013PAM
SP18	SATI 0013SEC	0.0	ST	SAT SCR: SATI 0013SEC
SP18	SATI 0014EI	0.0	ST	SAT SCR: SATI 0014EI
SP18	SATI 0014PSDA	0.0	ST	SAT SCR: SATI 0014PSDA
SP18	SATI 0015CE	0.0	ST	SAT SCR: SATI 0015CE
SP18	SATI 0035AHSSC	0.0	ST	SAT SCR: SATI 0035AHSSC
SP18	SATI 0036WLT	0.0	ST	SAT SCR: SATI 0036WLT
SP18	SATI 0037RT	0.0	ST	SAT SCR: SATI 0037RT
SP18	SATI 0038ASC	0.0	ST	SAT SCR: SATI 0038ASC
SP18	SATI 0710MSS	0.0	ST	SAT SCR: SATI 0710MSS
SP18	SATI 0730ERWS	0.0	ST	SAT SCR: SATI 0730ERWS

SP18	SATI 1440TOTAL	0.0	ST	SAT SCR: SATI 1440TOTAL
SP18	SATI 35.5MT	0.0	ST	SAT SCR: SATI 35.5MT
FA18	ACT 0002CTEXT	0.0	AT	ACT SCR: ACT 0002CTEXT
FA18	ACT 0030ENGL	0.0	AT	ACT SCR: ACT 0030ENGL
FA18	ACT 0034COMP	0.0	AT	ACT SCR: ACT 0034COMP
FA18	ACT 0034MATH	0.0	AT	ACT SCR: ACT 0034MATH
FA18	ACT 0035READ	0.0	AT	ACT SCR: ACT 0035READ
FA18	ACT 0035SCIRE	0.0	AT	ACT SCR: ACT 0035SCIRE
FA18	ACT 0035STEM	0.0	AT	ACT SCR: ACT 0035STEM

SUMMARY OF TRANSFER CREDIT**EARNED:** 3.00 HOURS

4.000 GPA

CONCURRENT ENROLLMENT TRANSFER COURSES

3.00 HOURS EARNED

SP18	XIST 112 HF	3.0	A	UNITED STATES HIST A 455114: HIST 112
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SUMMARY OF COURSES TAKEN AT THE UNIVERSITY OF UTAH

ALL UNDERGRADUATE U OF U COURSES

107.00 HOURS EARNED

IP -->

12.00 HOURS

SP23	ANTH 1030 BF	3.0	A	Prehistoric Archaeology
SP22	CHEM 1210 SF	4.0	A	General Chemistry I
SP22	CHEM 1215	1.0	A	General Chemistry Lab I
FA25	CS 6300	3.0	IP	Artificial Intelligence
FA23	ECE 2210	3.0	B	EI/CP En For Nonmajors
SP22	ENTP 2030	3.0	A	Social Entrepreneurship
SP22	ESSF 1130	0.0	W	Golf Elementary
FA25	GEO 1050 IRPS	3.0	IP	National Parks Geology
SP22	MATH 1310 QR	4.0	A	Engineering Calculus I
SU22	MATH 1320 QR	4.0	A	Engineering Calculus II
FA22	MATH 2250 QR	4.0	A	Diff Equ & Lin Algebra
SP23	MATH 3140	4.0	A	Engr. Vect. Calc. & PDE
FA22	ME EN1000	3.0	A	Intro Desgn for Eng Sys
SP23	ME EN1010	3.0	A	Cmptr Prob Solv Eng Sys
SU22	ME EN2010	3.0	A	Statics
SP23	ME EN2030	3.0	A	Dynamics
FA23	ME EN2300	3.0	A	Thermodynamics
FA23	ME EN2450	3.0	A	Num Methods for Eng Sys
FA23	ME EN2550	3.0	A	Prob & Stats for Eng
FA23	ME EN2650	3.0	A	Manufact for Eng Sys
FA24	ME EN3000	3.0	A	Design of Mech Elements
SP24	ME EN3220 QI	3.0	A	Dynamic Sys & Control
FA24	ME EN3230 QI	4.0	A	Mechatronics
SP24	ME EN3310	3.0	A	Mechanics of Materials
SP24	ME EN3315	1.0	A	Mech of Materials Lab
SP24	ME EN3400 CW	3.0	A-	Prof Comm for MEs
FA24	ME EN3650	3.0	A	Heat Transfer
SP24	ME EN3710	3.0	A	Fluid Mechanics
SP25	ME EN4000	3.0	A	Engineering Design I
FA25	ME EN4010	3.0	IP	Engineering Design II
SP25	ME EN4650	3.0	A	TFES Lab
SP25	ME EN5210	3.0	A-	Linear Control Systems
FA24	ME EN5220	3.0	A	Robotics I: Mechanics
SP25	ME EN6230	3.0	A	Robotics II: Control Grad Course
SP22	MSE 1801	1.0	A	Contemporary MSE II
FA22	MSE 2160	3.0	A	Elements Of MSE
FA25	MUSC 1236 DVFF	3.0	IP	Survey Of Jazz
SP23	MUSC 2100 FF	3.0	A	Hist of Rock'n Roll
SU22	PHYS 2210 SF	4.0	A	Phys For Scien & Eng I
FA22	PHYS 2220 SF	4.0	A	Phyc For Scien & Eng II

***** END OF ANALYSIS *****