

MECHANICAL AND ENTERTAINMENT ENGINEERING

SAMPLE FOUR YEAR PLAN

FALL SEMESTER (Year One) - 17 Hours

CHM 110	General Chemistry	3
CHM 111	General Chemistry Lab	1
ME 101	Foundations of ME	2
MTH 121	Unified Calculus I	4
THE 125	Stagecraft	3
BCC W1		3
THE 107	Theatre Practicum	1

SPRING SEMESTER (Year One) - 17 Hours

CE 150	Mechanics I (Statics)	3
CHM 112	Engineering Chemistry	3
ME 102	Engineering Design Graphics	2
MTH 122	Unified Calculus	4
PHY 110	University Physics I	4
THE 108	Theatre Practicum	1

FALL SEMESTER (Year Two) - 17 Hours

NXT+1		
CE 250	Mechanics II (Dynamics)	3
ME 351	Engineering Materials Science I	3
MTH 223	Unified Calculus	4
PHY 201	University Physics II	4
THE 310	Professional Seminar in Production	3

JANUARY INTERIM (Year Two) - 3 Hours

THE 484	Approved Technical Elective in ME Las Vegas Excursion	3
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SPRING SEMESTER (Year Two) - 18 Hours

IME 301	Engineering Economy (MI)	3
CE 270	Mechanics of Materials	3
THE 226	Fundamentals of Design	3
ECO 100 / 221 / 222		3
ME 301	Thermodynamics I	3
MTH 224	Differential Equations	3

SUMMER TERM 1 OR 2 (Year Two)

Possible Internship

FALL SEMESTER (Year Three) - 18 Hours

THE 207	Theatre Practicum	1
ME 272	Computational Methods in ME	3
ECE 227	EE Fundamentals	4
ME 308	Thermodynamics of Fluid Flow	4
ME 341	Engineering Systems Dynamics	3
ENG 300-Level Writing		3

JANUARY INTERIM (Year Three) - 3 Hours

BCC FA - THE 131		3
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SPRING SEMESTER (Year Three) - 17 Hours

ME 302	Thermodynamics	2
ME 303	Instrumentation and Measurement	3
ME 342	Design of Machine Elements	3
ME 344		3
ME 441	Mechanical Control Systems	3
BCC GP		3

SUMMER TERM 1 OR 2 (Year Two)

Automation Internships

FALL SEMESTER (Year Four) - 18 Hours

ME	Capstone I	3
ME 415	Heat Transfer	3
ME	Technical Elective	3
ME	Technical Elective	3
THE 410	Senior Capstone	3
BCC OC	Elective/Minor	3

SPRING SEMESTER (Year Four) - 17 Hours

ME	Capstone II	2
ME	Technical Elective	3
THE 409	Theatre Engineering Practicum	3
ME 488 / THE ELECT	ME Technical Elective	3
ME 403	Mechanical Engineering Systems Lab	3