

Purdue Online MSME POS SAMPLE

Below is just a sample of what a plan of study (POS) might look like for someone interested in this area. It is not a fixed plan, and you should create your plan of study based on what your interest is from the various course offerings. Always check to see what is available each semester when the course catalog is released, as the course offerings may change from what was initially expected.

Coursework Requirements

30 credit hours are required to complete the online MSME degree, and can consist of 1- 2-, and 3-credit hour courses.

- Must include **15 credit hours** of Mechanical Engineering graduate-level courses
- Must include **6 credit hours** of graduate-level Applied Math, three credits of which must be taken from the Department of Mathematics.
- **9 credit hours** of graduate-level Technical Elective courses from Engineering, Mathematics, or Science.

AREA: Thermodynamics

Area	Courses Title	Subj. Abbr.	Course No.	Credit Hours	Regis. Type	Grade	B or better	Transf -From	Date To Be Completed
PRIMARY	Laser Diag React Flow	ME	68700	3			█	█	Summer 2021
PRIMARY	Gas Dynamics	ME	51000	3			█	█	Fall 2021
PRIMARY	Stat Thermodynamics	ME	50100	3			█	█	Fall 2021
PRIMARY	Combustion	ME	52500	3			█	█	Spring 2022
PRIMARY	Therm Phys & Infrared Spectros	ME	59700	3			█	█	Spring 2022
RELATED	Adv Math Engr Phys 1	MA	52700	3			█	█	Fall 2022
PRIMARY	Engineering Optics	ME	58700	3			█	█	Fall 2022
RELATED	Adv Math Engr Phys II	MA	52800	3			█	█	Spring 2023
PRIMARY	Non Ideal Behvrs in Propulsion	AAE	69000	3			█	█	Spring 2023
PRIMARY	Nonlinear Optics	ECE	61500	3			█	█	Fall 2023