

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: SMAC (Systems, Measurements & Controls)

Area	Courses Title	Subj. Abbr.	Course No.	Credit Hours	Regis. Type	Grade	B or better	Transf -From	Date To Be Completed
RELATED	Adv Math Engr Phys 1	MA	52700	3					Summer 2020
PRIMARY	Theory & Design Of Control Systems	ME	57500	3					Fall 2020
PRIMARY	System Identification	ME	58400	3					Fall 2020
PRIMARY	Computer Control Of Manufacturing Processes	ME	57600	3					Spring 2021
PRIMARY	Fourier Methods In Digital Signal Processing	ME	57900	3					Spring 2021
RELATED	Linear Algebra with Applications	MA	51100	3					Summer 2021
PRIMARY	Digital Control	ME	57800	3					Spring 2022
PRIMARY	Microprocessors In Electromechanical Systems	ME	58600	3					Fall 2021
PRIMARY	Engineering Optics	ME	58700	3					Fall 2021
PRIMARY	Mechatronics - Integrated Design Of Electro-Mechanical Systems	ME	58800	3					Spring 2022