



AMAT MSE Specialization in Semiconductor Process Engineering, cohort 1

[tentative schedule, subject to change]

Dates	Course	Course Title	Units
09/21/2023 - 12/14/2023	MATE 215	Solid State Materials Engineering	3
01/04/2024 - 03/28/2024	EE 221	Semiconductor Devices I	3
04/11/2024 - 06/20/2024	MATE 261	Semiconductor Process Equipment	3
BREAK			
07/11/2024 - 09/19/2024	MATE 262	Semiconductor Wafer Processing	3
10/03/2024 - 12/19/2024	ME 283	Automatic Control of Manufacturing Processes	3
BREAK			
01/09/2025 - 3/20/2025	MATE 241	Advanced Methods of Materials Characterization	3
04/03/2025 - 06/12/2025	MATE 263	Semiconductor Device Reliability and Failure Mechanisms	3
BREAK			
06/26/2025 - 09/04/2025	CHE 200	Research Methods	3
10/02/2025 - 12/18/2025	MATE 280	Graduate Research	2
Graduation Spring 2026!			
01/08/2026 - 03/19/2026	MATE 281	MS Thesis/Project Preparation Seminar	3
04/09/2026 - 06/11/2026	MATE 298	MS Research/Project	1
Graduation Spring 2026!			
Program Specialist:			
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