



**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	<a href="#">Solid State Materials Engineering</a>	3
01/04/2024 - 03/28/2024	EE 221	<a href="#">Semiconductor Devices I</a>	3
04/11/2024 - 06/20/2024	MATE 261	<a href="#">Semiconductor Process Equipment</a>	3
BREAK			
07/11/2024 - 09/19/2024	MATE 262	<a href="#">Semiconductor Wafer Processing</a>	3
10/03/2024 - 12/19/2024	ME 283	<a href="#">Automatic Control of Manufacturing Processes</a>	3
BREAK			
01/09/2025 - 3/20/2025	MATE 241	<a href="#">Advanced Methods of Materials Characterization</a>	3
04/03/2025 - 06/12/2025	MATE 263	<a href="#">Semiconductor Device Reliability and Failure Mechanisms</a>	3
BREAK			
06/26/2025 - 09/04/2025	CHE 200	<a href="#">Research Methods</a>	3
09/25/2025 - 12/11/2025	MATE 280	<a href="#">Graduate Research</a>	3
BREAK			
01/08/2026 - 03/19/2026	MATE 281	<a href="#">MS Thesis/Project Preparation Seminar</a>	1
04/09/2026 - 06/11/2026	MATE 298	<a href="#">MS Research/Project</a>	2
<b>Graduation Spring 2026!</b>			
<b>Program Specialist:</b>		<b>Academic Program Coordinator:</b>	
Kira Lemons		Anand Ramasubramanian	
Email: <a href="mailto:kira.lemons@sjsu.edu">kira.lemons@sjsu.edu</a>		Email: <a href="mailto:anand.ramasubramanian@sjsu.edu">anand.ramasubramanian@sjsu.edu</a>	