



**SOUTH DAKOTA BOARD OF REGENTS  
ACADEMIC AFFAIRS FORMS**

**New Course Request**

<b>SDSU</b>	<b>Jerome J. Lohr College of Engineering/Department of Construction and Concrete Industry Management</b>	
<b>Institution</b>	<b>Division/Department</b>	
Dennis D. Hedge		4/24/2024
<b>Institutional Approval Signature</b>		<b>Date</b>

**Section 1. Course Title and Description**

Prefix & No.	Course Title	Credits
MNET 469	Immersive Experience in Surface Mount Technology	3
MNET 569	Immersive Experience in Surface Mount Technology	3

<b>Course Description</b>	
<p>This course provides hands-on experiences in using state of the art automated surface mount technology circuit board assembly. Students will be provided an opportunity to learn about printing, placement, reflow, and inspection processes. Control of process parameters, typical defects and how to correct them will be practiced.</p>	

**MNET 469 Pre-requisites or Co-requisites**

Prefix & No.	Course Title	Pre-Req/Co-Req?
MNET 467	Principles of Surface Mount Technology	Pre-Req

**MNET 569 Pre-requisites or Co-requisites**

Prefix & No.	Course Title	Pre-Req/Co-Req?
MNET 567	Principles of Surface Mount Technology	Pre-Req

**Registration Restrictions**

None
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**Section 2. Review of Course**

**2.1. Will this be a unique or common course?**

**Unique Course**



Library and media support is adequate for this course as the topic is contained in IEEE journals and other journals presently available through the library.

9. Will the new course duplicate courses currently being offered on this campus?    Yes            No
10. If this course may be offered for variable credit, explain how the amount of credit at each offering is to be determined.  
N/A