Mendenhall Innovation Program
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Mendenhall Innovation & Design Laboratory

Location of Labs

<table>
<thead>
<tr>
<th>Room</th>
<th>Designation</th>
<th>Sq. Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>B-162</td>
<td>Mendenhall Innovation Design Lab</td>
<td>1,031</td>
</tr>
<tr>
<td>B-173</td>
<td>Electrical and Physical Properties Testing, Computer Modeling</td>
<td>384</td>
</tr>
<tr>
<td>B-166</td>
<td>Machining &amp; Fabrication Shops</td>
<td>850.3</td>
</tr>
<tr>
<td>B-168</td>
<td>Machining &amp; Fabrication Shops</td>
<td>898.1</td>
</tr>
<tr>
<td>B-177</td>
<td>Machining &amp; Fabrication Shops</td>
<td>866.5</td>
</tr>
<tr>
<td>B-175</td>
<td>Student Organization Meeting/ Planning</td>
<td></td>
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</tbody>
</table>
**Mendenhall Innovation & Design Laboratory**

### BEFORE

- Equipment in 3 previous machine shops was 5-30 years old. Replacement parts for these machines were impossible to find.
- No dedicated space for student projects.
- What is now the Design Lab was used mainly for storage.

### AFTER

- Over $100,000 in industrial grade machining equipment purchased and installed.
- Over $100,000 in electronics and computer equipment purchased and installed.
- Dedicated electronics testing, design fabrication and computer-modeling laboratory completely equipped and available for student use.
- Four design and machining staff members have located in IDL and are available for mentoring students.
- Laboratory monitor knowledgeable in computer hardware and software, electronics fabrication and testing and machining available for direct assistance of students.
- Space has been made available for student organizations to conduct planning of project competitions.
- What were once 3,000 square feet of storage rooms have been converted into project design and assembly space.

### PURPOSE

The Mendenhall Innovation Program and the Mendenhall Innovation & Design Laboratory serves as a bridge to connect the classroom-intensive, lecture-based training of undergraduate engineers with the tangible, hardware-creation, and problem-solving activity required of them on the job.

http://engineering.unlv.edu/programs/mendenhall/