SPACE TYPES & REQUIREMENTS

JROTC

School Type:

Functional Area Descriptions
The Junior Reserve Officer Training Corps (JROTC) center is the primary space within the school for junior reserve training for all military services. The space provides an instructional setting as well as indoor physical training areas. The guidelines shown in the Planning Requirements for Instructional Areas/Indoor Firing Range, Armory, Battalion HQ, Staff Collaboration, and General Storage shall be used for programs with up to 150 participants. Access to an additional adjacent Learning Studio and an additional 150 square feet (14 m²) of General Storage shall be provided for programs over 150 participants.

The JROTC area should be directly accessible to an outdoor area suitable for use as a drill pad or parade ground. The paved area for a drill pad should be multi-use and can be combined with other functions, such as an outdoor basketball court or other paved surface.

1 JROTC Instructional Areas/Indoor Firing Range
The main instructional area for JROTC will be set up as a pair of learning studios with an operable partition between them. This will allow the space to be divided into two instructional areas, or opened up into one area for combined instruction and/or for use as an indoor firing range. All furniture in this space should be easily movable and nesting or stacking for easy conversion to the indoor firing range. Provide space to the side or rear of the designated firing lanes for

<table>
<thead>
<tr>
<th>Planning Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area Description</td>
</tr>
<tr>
<td>JROTC</td>
</tr>
<tr>
<td>1 Instructional Area / indoor Firing Range</td>
</tr>
<tr>
<td>2 Armory</td>
</tr>
<tr>
<td>3 Battalion HQ</td>
</tr>
<tr>
<td>4 JROTC Staff Collaboration **</td>
</tr>
<tr>
<td>5 General Storage</td>
</tr>
<tr>
<td><strong>Total</strong></td>
</tr>
</tbody>
</table>

**Staff Collaboration includes 75 SF personal workstation; 25 SF personal storage; 10 SF kitchenette allowance; 30 SF collaboration allowance. Additional shared storage is not provided as the JROTC has curriculum specific storage.
storage of furniture and teaching materials when the firing range is in use.

The proportions of the learning studios will be appropriately configured for conversion to an indoor firing range. The overall length of the range shall be 32.8 feet (10 m) from muzzle to target. The actual target/trap system shall be provided as a curriculum item (government furnished, government installed) so that it is coordinated with the type of weapon being fired. Provide supplemental lighting of the target wall on a separate circuit controlled by a switch behind the firing line. A minimum of 6 lanes shall be provided. Lanes shall be 40-49 inches (102-124 cm) in width. The depth of each shooting position behind the firing line shall be 60-80 inches (152-203 cm) to allow space for all firing positions (standing to prone). Appropriate acoustical separation shall be provided to minimize disruption of instruction in adjacent spaces when the firing range is in use. Storage and office areas may be used as a buffer between other instructional areas.

In JROTC programs with more than 150 participants, the program shall have access to an additional learning studio located adjacent to the JROTC instructional area/indoor firing range. This space should be accessible from the main circulation and be separate from the larger JROTC instructional space, but may include a door between the spaces for direct access. This will allow for better sound control if this space is used simultaneously with the indoor firing range or for other curriculum needs.

2 Armory
The Armory storage area provides space for the storage of guns and ammunition. This area should be secured and should be located close to the firing range.

3 Battalion HQ
Provide workspace for the student-run Battalion Headquarters. Accommodate four students at desks and include shelf storage and filing space.

4 Staff Collaboration
The Staff Collaboration space provides personal work station/personal storage, kitchenette and collaboration space. Grouping of Staff Collaboration Spaces is intended and highly desired. Where only JROTC staff are located within the staff collaboration area, access may be provided from the JROTC instructional space. If staff from other curriculum areas are also located in the staff collaboration space, the access should be through shared spaces such as the main building circulation to avoid interruption of instruction.

5 General Storage
The General Storage provides space for storage of all non-armory equipment and supplies. Provide secure storage for high-value items. Consider the use of high density storage systems in this area. A small desk should be provided for equipment issue and return paperwork to be processed.

Firing Range
NOTE: Images shown are intended to provide real-world examples and spark design creativity.
Exploratory (Specialized) Learning Spaces

NOTE: 3D illustrations are shown for informational purposes and are not intended to limit design options.