

This diagram is a comprehensive architectural and technical drawing for a school building, specifically focusing on the ground floor (Untergeschoss) and the first floor (1. Stockwerk). It includes detailed floor plans, sections, and elevations for various rooms and areas.

Rooms and Areas:

- C.U.08 Fachraum Robotik:** 82.44 m², 29 Schüler. Includes a table with specifications: Gas: kein Gas, keine erhöhte Brandlast, Barrierefreiheit: ja.
- C.U.07 Mat. Robotik/ Informatik:** 33.28 m², 16 Schüler. Includes a table with specifications: Gas: kein Gas, keine erhöhte Brandlast, Barrierefreiheit: ja.
- C.U.06 Fachraum Informatik:** 84.40 m², 29 Schüler. Includes a table with specifications: Gas: kein Gas, keine erhöhte Brandlast, Barrierefreiheit: ja.
- C.U.05 Material/ Vorb. Reserve:** 56.15 m², 16 Schüler. Includes a table with specifications: Gas: kein Gas, keine erhöhte Brandlast, Barrierefreiheit: nicht berücksichtigt.
- C.U.16 Experimentierwerkstatt:** 71.18 m², 15 Schüler. Includes a table with specifications: Gas: kein Gas, keine erhöhte Brandlast, Barrierefreiheit: ja, kein Frontalunterricht möglich.
- C.U.10 Fachraum Technik (Metallraum):** 81.19 m², 20 Schüler. Includes a table with specifications: Gas: kein Gas, erhöhte Brandlast, Barrierefreiheit: ja, kein Frontalunterricht möglich.
- C.U.11 Fachraum Technik:** 82.15 m², 20 Schüler. Includes a table with specifications: Gas: kein Gas, erhöhte Brandlast, Barrierefreiheit: ja.
- C.U.12 Maschinenraum/ Vorb.:** 33.28 m². Includes a table with specifications: Gas: kein Gas, erhöhte Brandlast, Barrierefreiheit: nicht berücksichtigt.
- C.U.13 Fachraum Technik (Holzraum):** 83.88 m², 20 Schüler. Includes a table with specifications: Gas: kein Gas, keine erhöhte Brandlast, Barrierefreiheit: ja.
- C.U.14 Material/ Vorb. Technik 1:** 45.68 m². Includes a table with specifications: Gas: kein Gas, keine erhöhte Brandlast, Barrierefreiheit: nicht berücksichtigt.

Technical Details and Legends:

- Legende Architektur:** Defines symbols for new masonry/concrete, new concrete or steel, existing masonry, and existing concrete.
- Legende Abwasser für Technikräume:** Details wastewater disposal for technical rooms, including floor drains and wall drains.
- Legende Sanitär für Technikräume:** Details sanitary installations, including sinks, showers, and toilets.
- Legende Elektrik für Technikräume:** Details electrical installations, including power outlets, switches, and lighting.
- Legende Möbel:** Defines symbols for different types of furniture, including tables, chairs, and storage units.
- Legende Einrichtung -Allgemeine Unterrichtsräume-:** Defines symbols for general classroom furniture, including desks, chairs, and storage units.
- Legende Einrichtung -Werkraum-:** Defines symbols for workshop furniture, including workbenches, storage units, and safety equipment.
- Legende Hygienezentren -barrierefrei-:** Details hygiene stations, including sinks and hand dryers.
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Other Details:

- Einheitsmaßstab:** 1:50.
- Grundriss Untergeschoss:** Shows the overall layout of the ground floor, including the entrance, stairs, and various rooms.
- Grundriss 1. Stockwerk:** Shows the overall layout of the first floor, including the entrance, stairs, and various rooms.
- Stadtskizze:** Shows the location of the building within the city of Essen.
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