

Outline

Review Midterm

Office hours in Course Center Thursday 11.30-1

Midterm Review

Average: 67 points

SCORE	1	1A	1B	1C
Correct		AH	0, 0, L	3

Midterm Review

Average: 67 points

SCORE	2A1	2A2	2A3
Correct	1	21	2A

Foothold ideas: Kirchhoff's principles



1. **Flow rule:** The total amount of current flowing into any volume in an electrical network equals the amount flowing out.
2. **Ohm's law:** in a resistor, $\Delta V = IR$
3. **Loop rule:** Following around any loop in an electrical network the potential has to come back to the same value (sum of drops = sum of rises).