188212 Analog Electronics Lab.

**Quiz (AEL-02)**

1. What is the expected nominal forward voltage drop of a silicon diode?
2. Draw a dc load line for the following circuit (using *VD* and *ID* as *x*- and *y*-axes respectively). Calculate the *ID*- and *VD*-intercepts.



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**Solution to AEL-02 Quiz**

1. What is the expected nominal forward voltage drop of a silicon diode?

0.6V - 0.7V

1. Draw a dc load line for the following circuit (using *VD* and *ID* as *x*- and *y*-axes respectively). Calculate the *ID*- and *VD*-intercepts.

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