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MOS Stack

Lecture 5

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Advanced Devices (EC760)

Arab Academy for Science and Technology - Cairo



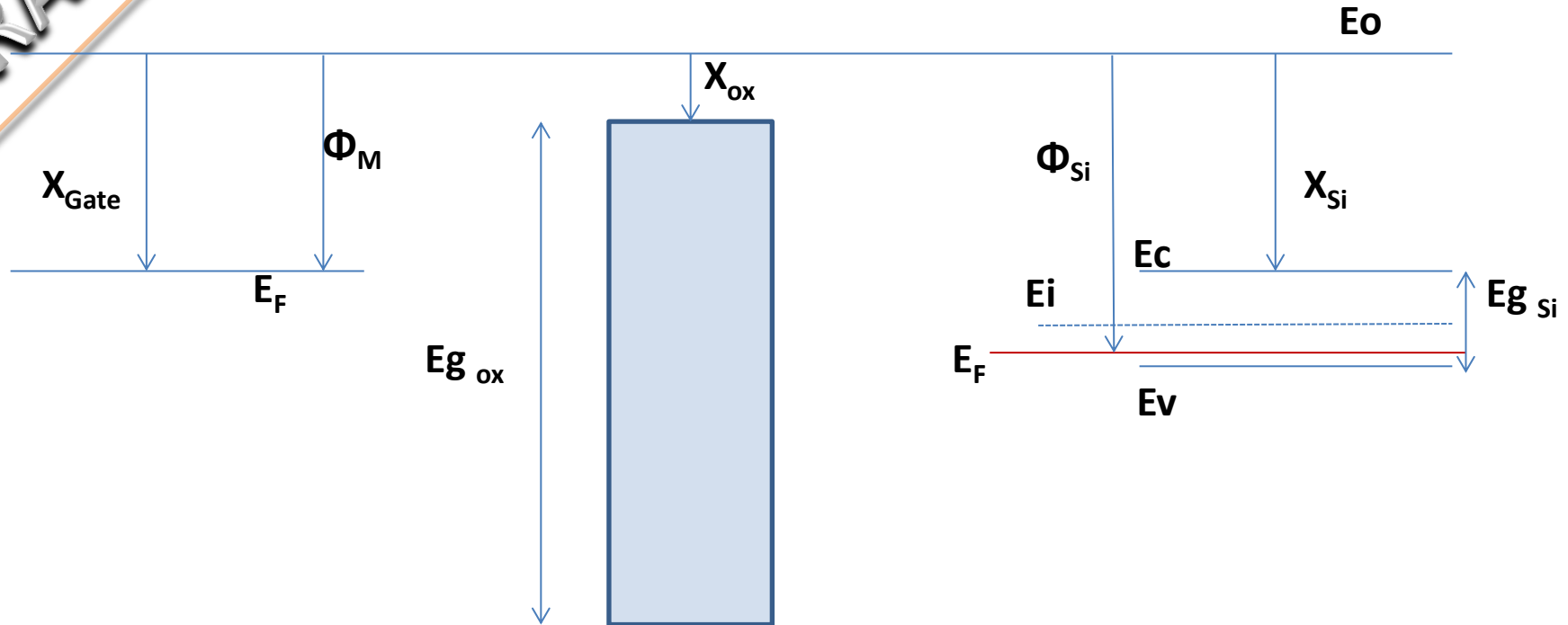
Outline

- MOS Band Diagram
- “Classical” Charge Distribution



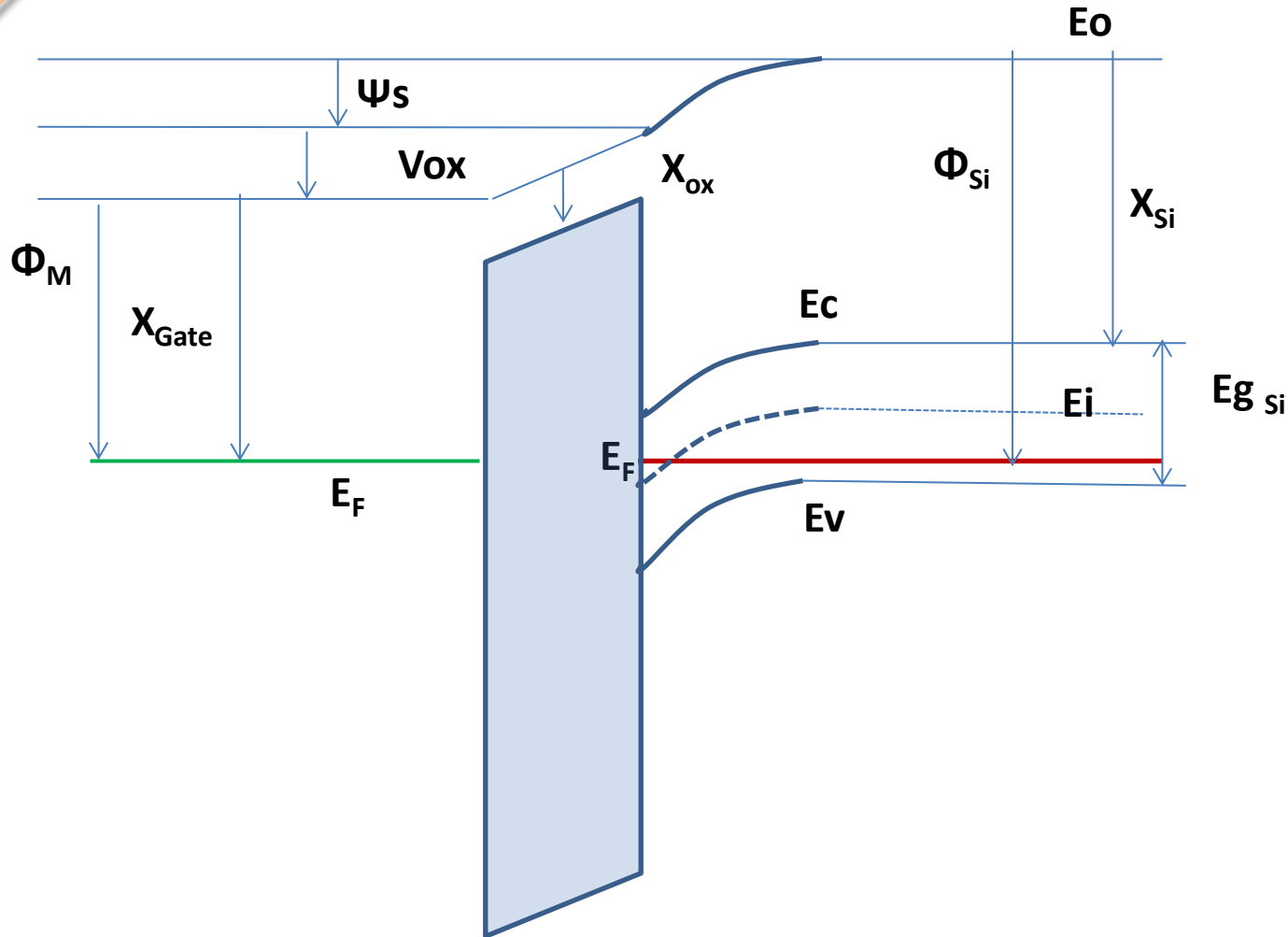
Band Diagram: Metal-Oxide-Semiconductor

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MOS Band Diagram After Contact





Gate Voltage Application

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