

**Verified
Certificate**



This is to certify that

Zarnescu George

successfully completed and received a passing grade in

8.02.1x: Electricity and Magnetism: Electrostatics

a course of study offered by MITx, an online learning initiative
of the Massachusetts Institute of Technology.

A handwritten signature in black ink, appearing to read "Robert P. Redwine".

Robert P. Redwine
Professor of Physics
Massachusetts Institute of Technology

A handwritten signature in black ink, appearing to read "Krishna Rajagopal".

Krishna Rajagopal
Dean for Digital Learning
Massachusetts Institute of Technology



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Zarnescu George

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**8.02.2x: Electricity and Magnetism: Magnetic
Fields and Forces**

a course of study offered by MITx, an online learning initiative
of the Massachusetts Institute of Technology.

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Robert P. Redwine
Professor of Physics
Massachusetts Institute of Technology

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Krishna Rajagopal
Dean for Digital Learning
Massachusetts Institute of Technology



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successfully completed and received a passing grade in

**8.02.3x: Electricity and Magnetism: Maxwell's
Equations**

a course of study offered by MITx, an online learning initiative
of the Massachusetts Institute of Technology.

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Robert P. Redwine
Professor of Physics
Massachusetts Institute of Technology

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Krishna Rajagopal
Dean for Digital Learning
Massachusetts Institute of Technology



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