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Wendelin Wright is an associate professor at Bucknell University with a joint appointment in the departments of Mechanical Engineering and Chemical Engineering. She received her B.S., M.S., and Ph.D. (2003) in Materials Science and Engineering from Stanford University.

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Dr. Wendelin Wright is a professor at Bucknell University with a joint appointment in the departments of mechanical engineering and chemical engineering. She received her B.S., M.S. and Ph.D. in materials science and engineering from Stanford University.

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elements into materials with unprecedented functional properties. Other branches of engineering rely heavily on materials scientists and engineers for the advanced materials used to design and manufacture products such as safer cars with better gas mileage, ...

What is Materials Science and Engineering? | Department of ...  
The interdisciplinary field of materials science, also commonly termed materials science and engineering, is the design and discovery of new materials, particularly solids. The intellectual origins of materials science stem from the Enlightenment , when researchers began to use analytical thinking from chemistry , physics , and engineering to understand ancient, phenomenological observations in metallurgy and mineralogy .

Materials science - Wikipedia

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Lecture Notes | Fundamentals of Materials Science ...

Mechanics of Materials Symmetry, Structure, and Tensor Properties of Materials Students, professors, and researchers in the Department of Materials Science and Engineering explore the relationships between structure and properties in all classes of materials including metals, ceramics, electronic materials, and biomaterials.

Materials Science and Engineering | MIT OpenCourseWare ...

The discipline of materials science and engineering (MSE) links scientific research with applied engineering to design materials for specialized uses. This field draws upon many areas in both the scientific and engineering realms.

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