



National Engineers Week 2002: Program begins @ 3:45



National Youth Initiatives

- ZOOM Into Engineering (partnership with PBS)
 - WWW.XXXXXXXX
- Introduce A Girl to Engineering
- Future Cities Competition

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Focus on K-12 Schools

Improve science and math education

- Technological literacy is critical

Increase interest in engineering careers

- Current shortage is national crisis

Improve teacher preparedness

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Not All Engineers Drive Trains

Engineering degree is good preparation for further studies in

- medicine
- law
- business
- dentistry
- and many other fields.

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Supply and Demand

U.S. needs more engineers and more engineering students

- Number of degrees awarded at all-time low
- Iowa—30 percent drop in 10 years
- Demand for graduates up 50 percent in next decade

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Diversity in Engineering

More women and under-represented minorities needed

- Strengthen pipeline
- Bring new perspectives to engineering designs

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Resources For Educators

Lesson plans and classroom activities:

www1.eng.iastate.edu/eweek/plans

Reading lists

www1.eng.iastate.edu/eweek/reading

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For more information

Iowa State University College of Engineering
engineering@iastate.edu

The University of Iowa College of Engineering
engineering@uiowa.edu

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