

North Country School-to-Career Regional Partnership

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In early March we will be holding several informational sessions for the Engineering by Design K-12 Pre Engineering Curriculum. For more information or to register for a session in your area, please email me: kevin.shyne@preengineeringnh.org

Engineering by Design

The EbD™ Program is a model used by schools developing themes in the STEM and IT Clusters that are seeking to increase all students' achievement in technology, science, mathematics, and English, through authentic learning. The program is built on specific models and creates awareness and competence over time as it builds on learned knowledge and skills—aligning closely with the Cluster Knowledge and Skills in both the STEM and IT Clusters. EbD provides a broad standards-based K-12 program that ensures that all students are technologically literate, as well as providing clear standards and expectations for increasing student achievement in math, science, and technology.

EbD emphasizes that we live in a technological world. Living in the twenty-first century requires much more from every individual than a basic ability to read, write, and perform simple mathematics. Technology affects every aspect of our lives, from enabling citizens to perform routine tasks to requiring that they be able to make responsible, informed decisions that affect individuals, our society, and the environment. EbD provides a program that constructs learning from a very early age and culminates in a capstone experience that leads students to become the next generation of technologists, innovators, designers, and engineers.

Engineering by Design Information Sessions

March 3, 3 - 4:30

Capital Area Center for Educational Support
105 Community Dr. Penacook, NH 603-753-6583
<http://www.caces.org/directions.html>

March 6, 3 - 4:30

Greater Manchester Professional Development Center
530 South Porter St., Manchester, NH 603-628 6144
<http://www.gmpdc.org/directions.shtml>

March 10, 3 - 4:30
North Country Education Services
300 Gorham Hill Road. Gorham, NH 603-466-5437
<http://www.ncedservices.org/directions.htm>

March 12, 2:30 - 4:00
Seacoast Professional Development Center
30 Linden Street Exeter, NH 603-775-8693
<http://www.k12opensource.org/spdc/directions.html>

March 13, 3 – 4:30
Southwest New Hampshire Education Support Center
438 Washington St, Keene, NH 603 357 0101
<http://www.swnhesc.org/aboutus/directions.htm>

Professional Development Credits will be awarded for attendance.

Interested schools may qualify for matching state funding to implement this Curriculum.

Additional resources:

<http://www.iteaconnect.org/>

<http://www.preenengineeringnh.org/>

<http://www.iteaconnect.org/EbD/Resourses/EbD Program Flyer.pdf>

