Engineering & Green Technologies at
Bristol Community College

MREC Ocean Energy Workforce Summit
US Trainers/Workforce Developers Response

Anthony Ucci, Engineering & Green Technologies Chair
May 4th, 2012
Provide Educational Opportunities Utilizing State of the Art Equipment and Cutting Edge Technologies to Train and Prepare Engineers & Technicians to support our regions Workforce Development needs including growing Green Energy sectors.
BCC E&GT Educational Options

- **Career Degrees** - Two-year Degree with co-op education & placement assistance
- **Transfer Degrees** - Two-year Degree that allow you to transfer to a four year program
- **One-year certificates** - offering specific in demand Job Skills
Grant type: NSF Advanced Technology Education
Grant Period: July 2010 to June 2012
Grant Award: $899,988
$150k New Green Technology Lab Equipment (Solar, Wind, Green Building & Energy Efficiency)
Update BCC’s existing Engineering & Technology programs by infusing green energy theory and sustainable technology.

Create New Green Energy Technologies Degree & Certificate Options.

Promote system-wide change by collaborating with other colleges & high schools in Southeastern Mass. to articulate programs and provide professional development in teaching SAGE curriculum.
New BCC Engineering & Green Technologies Programs

- Electrical Technology with Solar Energy
- Electro-Mechanical with Green Energy Options
- Environmental Technology with Efficiency & Conservation
- Marine Science & Technology
- Mechanical Technology with Wind Power
- Green Building Technology Certificate
Collaborative Activities

- 51 Regional & Statewide Articulation Agreements with Area High Schools.
- 9 Transfer Agreements with UMass Dartmouth, Mass Maritime, Wentworth, WPI & Other regional College’s & Universities.
- Educational Partnerships including CONNECT Sustainability, Mass Green, Marine Trades & Others.
- Industrial Advisory Boards with over 30 Representatives from Local Employers and workforce developers.