



BOSTON AREA ADVANCED TECHNOLOGICAL EDUCATION CONNECTIONS
Transforming Education to Develop the IT Professional for the 21st Century Workplace

<p>GOAL 1: Provide curriculum adaptation and professional development to deliver relevant, standards based programs that are regionally connected, advanced in content and pedagogy and industry-linked.</p>	<p>GOAL 2: Attract and advance a diverse population of technology students who can effectively meet the challenges of emerging technologies and changing economies.</p>	<p>GOAL 3: Connect education, industry and community to promote mutually-beneficial partnerships that support career development, lifelong learning and regional economic growth.</p>
<p>1.1 Promulgate standards-based curricula</p> <ul style="list-style-type: none"> • Institutionalize BATEC course and materials criteria and curriculum • Package “branded” courses and materials that foster BATEC leadership traits • Implement soft-skills assessments • Define metrics and gather evidence of positive student learning outcomes <p>1.2 Establish a continuum of IT curricula among institutions while improving the articulation framework</p> <ul style="list-style-type: none"> • Utilize a systematic process to structure program pathways among institutions • Streamline the process for course and program articulation • Improve flexibility in educational delivery (range of delivery formats) • Distribute curriculum components (rubrics, projects, case studies, alternative assessments, tools, teaching methods) <p>1.3 Share curricula and best practices</p> <ul style="list-style-type: none"> • Use web portal and collaboration space to disseminate and share curricula • Host virtual events that bring together educators to web portal and collaborative space <p>1.4 Organize institutional and system-wide professional development opportunities for educators</p> <ul style="list-style-type: none"> • Convene BATEC Summer Institutes • Hold Winter IT Futures Forum • Hold industry seminars/visits <p>1.5 Participate in the Synergy collaborative with a focus on scaling up projects</p>	<p>2.1 Develop capacity for recruitment and retention of IT students, with an emphasis on diversity</p> <ul style="list-style-type: none"> • Convene an annual Technology Career Exploration Fair targeting 500 students • Conduct an annual Regional College Fair for 11th and 12th graders and regional Community College Fairs to help seniors explore community college options • Leverage an outreach partnership with CAITE to further develop Women in Technology Initiatives • Provide resources to partners to conduct institutional Mini-Tech fairs targeting 500 students annually • Implement program evaluation tools to measure program impact <p>2.2 Increase the college-readiness of IT students</p> <ul style="list-style-type: none"> • Provide dual enrollment college courses in the computing sciences at several high schools • Partner with relevant organizations such as Tech Prep to expand the Accuplacer Testing Project • Convene Accuplacer Professional Development Workshops through the BATEC Summer Institute • Conduct a statewide Accuplacer Summit to help formulate a sustainable testing & intervention system <p>2.3 Develop a Student Leadership Program within BATEC partner schools</p> <ul style="list-style-type: none"> • Develop the BATEC IT Leadership Model to provide opportunities in IT career fields • Conduct an Annual BATEC Student Leader Symposium/Project Showcase • Develop student leader profiles for BATEC website & publications <p>2.4 Develop connections with community based organizations to support the enrollment of adults and non-traditional students</p> <ul style="list-style-type: none"> • Conduct the Bridge to Community College Program 	<p>3.1 Create an inventory of BATEC-branded materials and programs for dissemination</p> <ul style="list-style-type: none"> • Disseminate a supplement to the IT Workforce Report identifying metrics for validating student performance • Publish an Accuplacer Report • Publish a Bridge to Community College Report • Develop a BATEC Student Leader Profile Brochure • Develop an Industry Partnership Guide and Toolkit • Present BATEC Best Practice Models at ATE Conferences <p>3.2 Coordinate activities for Stakeholders</p> <ul style="list-style-type: none"> • Publish bi-monthly newsletters • Convene an annual Presidents’ Meeting • Conduct an annual Educator Outreach Summit • Convene quarterly Industry Advisory Board meetings <p>3.3 Enhance academic progression through regional network</p> <ul style="list-style-type: none"> • Implement Pathways Information System • Track and analyze students through system • Work with industry to enhance student knowledge, skills and capabilities validation and job placement <p>3.4 Identify and pursue areas of common interest and goals for additional programs and grant opportunities, to include Workforce Development, Community-Based Organizations, Statewide Initiatives, Corporate foundations</p>