



AGC MA - BUILDING ADVANCEMENT EXTERNSHIP 2021 PILOT PROGRAM

Building Excellence is what AGC MA and our members signify. Careers in the commercial construction industry can lead young people anywhere they want to go. By creating opportunities for educators to take this message back to their schools, the AGC MA Building Advancement Externship is building bridges to the next generation.

AGC MA Creates Innovative Pilot Program



Identified Alliance

AGC MA is committed to building a workforce pipeline to expand access and create a more diverse, equitable, and inclusive industry. They determined that a strategic alliance with high school educators was needed to build career awareness and correct misperceptions.



Developed BAE

The AGC MA Workforce Development Task Force created the Building Advancement Externship (BAE) to build a strategic alliance with educators. The strategy consists of two crucial components: The BAE and an ongoing Student Engagement Program to assist educators in maximizing career pathway exploration.



Received Funding

AGC MA Members committed time and resources to ensure the success of the BAE. In addition, AGC MA received a grant from union carpenter, laborer, and cement mason employers through the Massachusetts Construction Advancement Program (MCAP) to provide each of the 7 educators a generous stipend to participate in the BAE.



Selected Externs

Selection criteria included: school representation from each of the seven Workforce Regions throughout the Commonwealth; representation from both vocational and comprehensive high schools; participating externs held a diverse range of roles within education; externs represented a diverse student body.

MEMBERS IN ACTION

Delivered Core Curriculum to Summer 2021 Externs

- AGC MA Staff
- Bond
- Compass Project Management Inc.
- Gilbane Building Company
- TG Gallagher
- Turner Construction Company

Hosted Summer 2021 Externs Apprenticeship Training Facility Tour

- North Atlantic State Regional Council of Carpenters

Donated \$15,000 Value of High-Quality Tools and Safety Equipment

- Milwaukee Tool

Provided Fall 2021 Student Engagement Program Support

- Bond
- Columbia Construction
- Consigli Construction Co., Inc.
- Dellbrook | JKS
- Fontaine Bros., Inc.
- John Moriarty & Associates
- Massachusetts and Northern New England Laborers' District Council
- North Atlantic State Regional Council of Carpenters
- Turner Construction Company

Provided Summer 2021 Externs Commercial Construction Management Tours and Presentations

- Colantonio, Inc.
- Columbia Construction
- Consigli Construction Co., Inc.
- Dellbrook | JKS
- Walsh Brothers Inc.

Provided Summer 2021 Externs Commercial Job Site Tours

- Dellbrook | JKS - 55 Wheeler Street, Cambridge
- Turner Construction Company / Janey Inc. - World Trade Center, Boston

PARTICIPATING SCHOOLS & WORKFORCE REGIONS

- Cape & Islands | Falmouth High School
- Greater Boston | Madison Park Vocational Technical High School
- Southeast | Dighton Rehoboth Regional High School
- Northeast | Essex North Shore Agriculture & Technical School
- Central | Doherty Memorial High School
- Pioneer Valley | Putnam Vocational Technical Academy
- Berkshire | Taconic High School

RESULTS

ALLIANCES BUILT AND STUDENT IMPACT

- 7 out of 7 BAE schools have established a new partnership with an AGC MA employer
- 4 out of 7 BAE schools have established a new relationship with the Carpenters Union and Laborers Union
- 220 High School students attended 10 Fall commercial construction site tours
- 160 High School students participated in Fall career panels
- 21 High School students surveyed after attending a job site tour ranked project management as the most interesting subject to them
- 40 Carpentry students attended a Fall guest speaker lunch
- \$15,000 worth of high quality hand tools & safety equipment donated to the one school by AGC MA and a member company
- One student received a pair of work boots that allowed him to continue in the carpentry program
- Spring 2022 site visits, panel discussions, and college tours planned



EDUCATOR RECOMMENDATIONS AND AGC MA WORKFORCE DEVELOPMENT TASK FORCE NEXT STEPS

AGC MA members are incorporating recommendations and developing lasting relationships with externs across all seven workforce regions to promote awareness of construction career pathways among educators, students and parents throughout the Commonwealth.



Advocate for

- Chapter 74 - Construction Management Program
- Massachusetts School Building Authority to add MOU to all K-12 building projects to include educational and work experience component for students
- Statewide terminology to reflect Post-Secondary Options instead of College and Career



Collaborate with

- Department of Elementary and Secondary Education
- Vocational High School - Program Advisory Boards
- MassHire Workforce Boards
- Massachusetts Association of Vocational Administrators
- Massachusetts School Counselors Association



Provide Educators with

- ConstructingMA.org as an interactive platform with MA apprenticeships, certificate, college & university programs
- Infographic on Financial & Time Investment Comparison of Apprenticeships and College Pathways
- Infographic on CTE programs that provide apprenticeship hours to high school students
- Quarterly newsletter featuring current construction projects of AGC MA members, with opportunities for site visits and virtual presentations



Connect with

- Parents to highlight educational and vocational pathways to industry opportunities
- School Committee Members on alternative programs needed to provide skills and experience for success
- Guidance Counselors on recommended courses of study in higher education and alternative career pathways
- Shop Teachers on the difference in commercial construction and pathways between the trades and management

To learn more about AGC MA initiatives and the BAE, visit: ConstructingMA.org.