

# Winter Planning Retreat

## for a Network of Advanced Career STEM Pathway Academies

*Enhancing Advanced Career STEM Pathways Through Career Academies*



January 29, 2017, 4:30 p.m. – January 31, 2017, Noon  
Omni Jacksonville Hotel  
245 Water Street  
Jacksonville, Florida 32202



**Share Successes**

**Address Classroom Challenges**

**Develop Advanced Career STEM Pathway Academy Frameworks**

*Ninety percent of my AC Integrated Production Technologies students want to pursue careers in advanced manufacturing.*

— AC Teacher

*The AC curricula are more than simulated work environments; they are true laboratories where experiments lead to solutions.*

— AC Principal

*Students get the concepts and realize they're actually going to use them in the future.*

— AC Teacher

*How do I build a cross-discipline teaching team that assists AC students with the academic skills needed to excel in their pathways?*

*How do we increase enrollment in AC pathways and help all students learn about AC?*

*How do schools provide dual credit opportunities for AC students?*



**SREB**

High Schools  
That Work

## Winter Planning Retreat Overview

Advanced Career (AC) schools share a common desire for increasing the value of their students' education. Schools participating in the retreat benefit from the Southern Regional Education Board's decades of research and High Schools That Work and AC guiding principles. They will develop a powerful alliance and focused AC STEM Pathway framework that better prepares AC students for college and high-demand, high-skill 21st-century careers.

### Attendees will produce a customized AC STEM Pathway Academy framework for their school that includes:

- AC STEM Pathway Academy leadership, teacher and support roles
- Strategies for using professional learning community tools to enhance collaboration among their academy teams
- Communication practices to engage fellow educators, students, industry and the community
- A senior-year redesign plan to ensure AC completers are ready to enter the workforce, enter college without having to take costly remedial courses and take college-level courses that put them on the fast track to earning an advanced credential or degree
- A preliminary schedule for a cohort of AC students that facilitates completion of the AC STEM Pathway program of study

### Who Should Attend

- Schools currently implementing AC and schools that will implement AC in the 2017-2018 school year and beyond are encouraged to send teams of three, including an AC teacher and at least two others, such as:
  - › Person responsible for the school's master schedule
  - › School principal or headmaster
  - › School counselor
  - › Academic support teachers, including English, mathematics and/or science teachers assigned to the academy
  - › Career and technical education director/coordinator
  - › Postsecondary partners
  - › Decision-making personnel

### Other Information

- Bring a laptop computer or tablet to help you to create the AC STEM Pathway Academy framework and other deliverables.
- Dress — business casual

### Registration Information

- **To register for the AC Winter Planning Retreat, January 29-31, 2017, visit:** <http://ow.ly/lza7306Zadl>
- **To make reservations at the Omni Jacksonville Hotel, Jacksonville, Florida, visit:** <http://ow.ly/DGSp306ZajX>
- For assistance, or for more information, contact SREB at:  
[profdevprograms@sreb.org](mailto:profdevprograms@sreb.org)  
(404) 875-9211

Advanced Career was developed by the Southern Regional Education Board's (SREB's) High Schools That Work (HSTW) program.



Since 1987, HSTW has conducted research to determine best practices for secondary education and facilitated improvement for a network of middle grades schools, high schools and technology centers.



SREB's professional development supports sites in employing best practices to build and sustain the implementation of AC curricula with fidelity in an academy format.

The AC Winter Planning Retreat will serve as the first convening of the AC STEM Pathway Academy Network

# Winter Planning Retreat Proposed Agenda

## Sunday, January 29

- 4:30 – 5 p.m. Registration  
5 – 6 p.m. Plenary Session for Workshop Participants New to Advanced Career

## Monday, January 30

- 7:30 – 8 a.m. Registration  
8 – 8:15 a.m. Greetings, Introductions, Group Norms, Outcomes  
8:15 – 9:30 a.m. AC STEM Pathway Academy Network Guiding Principles  
AC Implementation Rubric Overview  
9:30 – 10:20 a.m. Team Planning – Design School-Specific Structure for AC STEM Pathway Academies  
10:20 – 10:35 a.m. Break  
10:35 – 11:30 a.m. Continued Team Planning  
11:30 a.m. – noon Team Presentations  
**Noon – 12:45 p.m. Lunch (provided)**  
12:45 – 1:15 p.m. Scheduling: Overview of Creative Scheduling for Academies  
1:15 – 2:15 p.m. Team Planning  
2:15 – 2:45 p.m. Team Presentation and Feedback – Schedule  
2:45 – 3 p.m. Break  
3 – 3:30 p.m. Collaboration  
3:30 – 4:30 p.m. Team Planning  
4:30 – 4:45 p.m. Team Presentations  
4:45 – 5 p.m. Afternoon Review and Evening Assignment

## Tuesday, January 31

- 8 – 8:15 a.m. Welcome Back  
8:15 – 8:45 a.m. Academy Communication  
8:45 – 9:30 a.m. Team Planning: Develop a monthly plan to share information about the program to potential students, feeder schools, counselors and media  
9:30 – 9:45 a.m. Team Presentations  
9:45 – 10 a.m. Break  
10 – 10:15 a.m. Overview of SREB's Coaching Support  
10:15 – 10:35 a.m. Increasing Student Success Overview  
10:35 – 11:35 a.m. Team planning: Determine how the academy will ensure appropriate student placement based on the students' program of study  
11:35 – 11:45 a.m. Team Presentations  
11:45 a.m. – 12 p.m. Reflection and Closing

*The Southern Regional Education Board (SREB) works with states to improve public education at every level, from pre-K through Ph.D. In 2010, SREB's High Schools That Work initiative developed the Advanced Career (AC) pathway programs of study to deepen students' learning in career and technical education (CTE) and increase their success and options after high school.*

*SREB and a multi-state consortium developed AC curricula, assessments, and instructional and teacher/counselor training materials that provide students with relevant and challenging CTE courses aligned to the academic standards and workforce needs of partner states. Industry and postsecondary institutions collaborated to shape curricula design and technical content and continue to identify authentic learning experiences for students. Learn more, visit: [www.sreb.org/ac](http://www.sreb.org/ac)*