

Fall Planning Retreat

for a Network of Advanced Career STEM Pathway Academies

Enhancing Advanced Career STEM Pathways Through Career Academies

October 15, 2017, 4:30 p.m. – October 17, 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

Advanced
Career

Fall Planning Retreat Overview

Advanced Career (AC) schools share a common desire for increasing the value of their students' education. They understand that AC is a smart investment for their students. Career pathway exploration helps students get more out of high school and gives them a leg up by preparing students with the skills they need to excel in the workforce.

Schools participating in the retreat benefit from the Southern Regional Education Board's (SREB's) decades of research and High Schools That Work (HSTW) and AC guiding principles. They will develop a powerful alliance and focused AC STEM Pathway Academy 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 that assists AC students who need extra help meeting literacy and mathematics readiness benchmarks and provides accelerated options for AC completers who are college and career ready
- A preliminary schedule for a cohort of AC students that facilitates completion of the AC curriculum



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.

Who Should Attend

- Schools currently implementing AC are encouraged to send teams of three or more, including an AC teacher and 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
- School leaders who are considering adopting AC

Other Information

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

Registration Information

- **To register for the AC Fall Planning Retreat, October 15-17, 2017, visit:** <http://ow.ly/sn9u30ehSbw>.
- **The registration fee for the retreat is \$250 per person, not including hotel or travel.**
- **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

(404) 875-9211

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

Fall Planning Retreat Proposed Agenda

Sunday, October 15

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

Monday, October 16

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, October 17

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) curricula 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. To learn more, visit: www.sreb.org/ac

SREB

Advanced
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Register now to enhance
Advanced Career STEM
Pathways Through
Career Academies

AUGUST 2017

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