

Demystifying Dual Enrollment in Aviation Programs

AOPA STEM Symposium
Seattle, WA – 11/7/2016

Welcome!

- Let's find out who's here
- In just one short hour, you should be able answer these questions:
 1. What is a meaningful aviation dual enrollment program?
 2. How do you build and start such a program?
 3. Who can help you complete your efforts?



Who Are You?

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Polk State Aerospace

- Began in January 2013
 - One AS degree
 - Nine (9) students
- As of Fall 2016
 - Three AS degrees (Pilot, Admin, MX)
 - Only FL public institution with aviation BS degree
 - 167 enrolled students
 - 46 dual enrolled high school students
 - Various gen-ed courses
 - Four aerospace program courses



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Definitions

Definitions..Yay!

- Dual Enrollment
- Articulated Credit

Definitions..Yay!

- Dual Enrollment

- A non-admitted, non-degree-seeking student enrolled in a college course
- Student receives high school and college credit for course completion
- Tuition and book expenses generally covered by district or comped by college
- Student's grade is part of his/her formal, permanent college transcript

- Articulated Credit

- High school or technical course(s) that may be accepted for college credit
- Generally only apply to specific partner institutions
- Credit allowed may differ between institutions
- Not part of the student's transcript until admitted to the college

So Which One Do You Want?

- Dual enrollment, if at all possible
- Why?
 - It's a college class; it counts
 - Better value for the student
 - More flexibility when selecting a college

How We Do Dual Enrollment

- We work well with our school board
- We partner directly with our local aerospace career academy
 - We teach our courses at their school (2 core, 2 pilot)
 - We credential their faculty
 - We share an advisory board
- We communicate our opportunities to the community
 - We partner with Sun 'n Fun on educational projects
 - We participate in Teach-In days and do guest speaking for teachers
 - We conduct teacher workshops to help them develop aviation content
 - We allow in-person and online dual enrollment for all eligible students

How We Do Articulated Credit

- We give credit for industry certifications
 - FAA pilot certification (up to 13 credits)
 - FAA maintenance certification (up to 30 credits)
 - Other industry certifications (up to 9 credits)
- We don't penalize incoming students with prior learning
 - Some schools require additional flight certifications
 - Some schools deny credit substitutions
- Some other thoughts...
 - Work with advisory board to build high school curriculum for college credit
 - Develop multiple collegiate credit agreements for better flexibility

How Do YOU Do This

1. Develop partners who understand partnership
 - Bring in industry partners who value education and respect their workforce
 - Ask for curriculum suggestions and content, then listen
 - Invite your partners to interface with staff and students regularly
2. Develop a collaborative, mutually-beneficial relationship with college
 - College may get money or a student pipeline, but what do you get?
 - Co-develop and modify curriculum as needed
 - Your college partner should be in your school regularly
3. Formalize your agreements and review them regularly
 - Link advisory groups, if you can, and formalize useful, “buy-in-able” bylaws
 - Don’t partner just to partner; make it useful; make it formal; fill in the gaps

Conclusion

1. What is a meaningful aviation dual enrollment program?
2. How do you build and start such a program?
3. Who can help you complete your efforts?

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