AVTE Assessments

Degree/Program
Aviation Technology – Maintenance Management (BS)

Lead
Randy Chesley

Department Update
Tuesday, October 2, 2023

<table>
<thead>
<tr>
<th>Aviation Career Fair</th>
<th>Check ins via Handshake</th>
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<tbody>
<tr>
<td>2018</td>
<td>195</td>
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<tr>
<td>2019</td>
<td>246</td>
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<tr>
<td>2021</td>
<td>220</td>
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<tr>
<td>2022</td>
<td>256</td>
</tr>
<tr>
<td>2023</td>
<td>322</td>
</tr>
</tbody>
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2023 Company Attendance

SkyWest Airlines
Gem Air
NetJets
Duncan Aviation
Horizon Air
FBI
Zipline International
Breeze Airways
PSA Airlines
Erickson Inc
Robotic Skies Inc
TEMSCO Helicopters
SLC Mosquito Abatement
Piedmont Airlines
USU - AirForce ROTC
USU - Army ROTC
Alpine Air
Skyfish
Alaska Central Express
Per feedback from AAA office, updated Outcomes data to include AVTE Outcomes Standard and Compliance in Curriculum Development and Continuous Improvement statement.

AAA Feedback

June 13, 2023

Dr. Miller, Aaron and Chenese,

Thank you for the conversation today. I learned more about your programs and am excited for your plan to develop them. I will try to have a goodie bag with a toothbrush or other supplies next time.

From my notes, I had a task of looking into curriculog and its ability to track changes to your courses each year. I actually logged in just now and requested a report for course changes for your department from July 1, 2022 to June 1, 2023 as a test. It said it might take an hour or so but I will let you know what the report looks like and if we think it would be helpful in reviewing the substantive changes you submit each year/semester.

Other recommendations or future tasks that I had down for us to consider (or publish in an assessment report ;-) ):

- Consider mapping program learning outcomes with IDEA learning outcomes and identify courses where IDEA could be pre-selected and used as an indirect measurement of program learning. Our office is happy to help.
- Identify any program learning outcomes where identifying a specific measurement that is used to demonstrate mastery can be incorporated to give better insights into program improvement based on instructor, course, student, etc. We identified this may not work on all your learning outcomes, especially some you have adopted an industry standard “good-to-go” or “not-good-to-go” model.
  - E.g. students will demonstrate <insert program learning outcome> by passing <identified assessment artifact or assignment> with a score of meets expectations or higher/>70% on such and such test or in such and such course.
- Add a narrative that explains the “good-to-go” model and why it has been adopted in some areas of measuring student learning to your assessment reports
• Add an “Annual Feedback” button to your websites that discusses input and recommendations you receive from committees and other reviewers external to your department about your assessment plan as well as any discussion your department faculty have about the assessment plan.
• Add the narrative and any corresponding data that shows your own internal discussion and decisions based on the outcome data and as well as any indirect review from your external industry advisors and regulators such as the Airline reps, alumni, FAA about how students are demonstrating mastery of your learning outcomes and how that feedback/data is making changes to your program curriculum teacher development etc. Also include follow-up on past changes and whether or not they worked in this section.
  o E.g. “On Aug. 17 faculty met and reviewed the data and identified female students were performing lower on such and such outcome so we implemented such and such to see if it could help with the learning gap.”
  o E.g. “Feedback from our industry advisors, such as Tom Davis of SkyWest, at our annual event in the spring had a common theme suggesting our students could use more training on outcome #4, so we created an assignment in course whatever that helped student develop more in that area.”
• Show trends over time as you continue to collect data beyond this initial year.
• Reach out to our office for help linking any data you may not have as easy access to.

You may have other notes, but I wanted to share mine and I will send you thoughts on the curriculog report.

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Meeting Notes

November 9, 2021: AV3280 We learned that a student failed the practical test task of fabricating a hydraulic line

Change: November 9, 2021 We added fabricating a ½ inch line to AV3280 in preparation for their practical exam.

October 25, 2022 Added a few slides to AV3280 on Dope and types because of a failed practical test.

November 15, 2022 Added electrical troubleshooting to AV3280.

April 2023 AV2440 Added electrical troubleshooting board

March 29th 2023 Career conference Alaska Maintenance representative- said “Many students come out of programs like this without life skills of resume skills, and interview skills.” We have discussed putting a resume or interview into the Senior Project AV 4610 or 4620 class.