

# SOUTHERN OREGON *Air Academy*

## FAQ Sheet: Unique Instructor Opportunities at Southern Oregon Air Academy

### After School Drone Club

SOAA is partnering with Southern Oregon Education Service District (SOESD) and the Rogue Valley Flyers R/C club to offer a STEM based after school drone program of the Academy of Model Aeronautics (AMA).

The program will be offered through area middle schools in March, 2019. Each school will form a drone club of 10 members. Each club will complete a ground school including:

- FAA Part 107 Unmanned Aircraft Regulations course,
- Assembling and testing drones
- Programming drones for remote unmanned search and rescue missions (SAR).

The AMA program encourages students to explore the full potential of drones through, teamwork, competition, and succeeding at missions. The course culminates with all teams meeting on May 3&4, 2019 at the Grants Pass Skypark of Rogue Valley Flyers. An AMA Judged competition will determine the 2019 champion team

Teachers: You will be compensated. And if you have a passion for STEM and Aviation please apply. All training and materials for this program will be provided.

- Start Date: Early March
- End Date: May 4 & 5
- # of Students: 10 per school
- Location: TBD onsite at school district (goal)
- # of weeks: 11
- # of hours per week: 3
- Total Average # of hours: 40
- Time of club: TBD after school
- Curriculum Development Time: No
- Stipend Rate: \$1000
- Fly Off Competition: May 4 & 5
- 4-5 spots available this year

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### SOAA Summer Aviation Camps (3)

SOAA is again offering its Aviation based summer camps at Grants Pass Airport. Students will be introduced to the basic concepts of flight supported by:

- Hi-tech flight simulators,
- The principles of aerodynamics,
- Hands-on the instrumentation of full scale airplanes,
- Tools of flight plotting and navigation
- Experienced power plant and aviation maintenance staff
- Drones and radio controlled aircraft,
- An indepth look at career pathways associated with aviation along with education pathways in Oregon.

No prerequisite experience required. Educators will be compensated. We are looking for enthusiastic community members, If you have a passion for STEM and Aviation please apply. All training and materials for this work will be provided.

- Dates: Weeks of 7/8, 7/22 & 8/5. Each camp is one week.
- # of Students: 20 per camp, broken out 5 per squad
- Location: Grants Pass Airport
- Total Average # of hours possible : 30
- # of hours per week: 30
- Time of camp: 9am-3pm
- Lunches and snacks provided
- Curriculum Development Time available for additional stipend
- Stipend Rate: Base \$750
- 9-12 spots available this summer

Visit our website <http://soairacademy.com> or Facebook <https://www.facebook.com/soairacademy/> for more information

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