

# ADVANCED MANUFACTURING SECTOR

## Centers for Applied Competitive Technologies



### DOD CADENCE GRANT STUDENT INTERNSHIP/FACULTY EXTERNSHIP PROJECT

#### INTRODUCTION

Centers for Applied Competitive Technologies (CACT) as host and California Online Community College District, DBA Calbright College as fiscal agent for Project 9 of the Governor's Office Department of Defense (DoD) California Defense Ecosystem and National Consortium Effort (CADENCE) Grant is seeking applications for colleges to participate in a project to place student interns and faculty externs at California defense manufacturing community consortium firms.

#### Frequently Asked Questions:

- 1. Where can I find a list of DoD Manufacturers in my area?**
  - a. The project team will be utilizing a database to target communication campaign in coordination with awarded colleges. Local colleges, in coordination with the project team, will develop outreach campaigns and webinars to solicit the appropriate partnerships. If you have local companies, we can look up if they qualify.
  
- 2. How many hours are needed for the faculty externship?**
  - a. That will be determined by the grant administration team, the faculty member and the manufacturing site selected. It is the desire of the team that each faculty member will spend at least eight hours at the industry partner site (this could be one day or broken up over several).
  
- 3. How will stipends be administered? Some colleges have expressed if college administers stipends to faculty it may cause load issues.**
  - a. The local college, if awarded, would determine how to assign the corresponding stipend(s) to the applicant faculty. Externships will take place during the summer break in 2021. Awarded colleges will receive \$8,500 (\$8,000 for faculty stipends plus \$500 for faculty travel expenses).
  
- 4. How will students be paid? Directly from the foundation or college?**
  - a. Students will be employed under the Career Catalyst program from the Foundation for California Community Colleges. For more information about this program please visit <https://foundationccc.org/What-We-Do/Workforce-Development/Career-Catalyst>
  
- 5. Can faculty extern at a different location than the student intern?**
  - a. This would be determined by the faculty coach and the amount of time that they can dedicate. Background of students may also play a factor to deciding how to structure the experience. There are benefits of working within a 2-person team, however there is also a benefit of the students working with the faculty coach and the employer to oversee their individual progress much closer and "hand-off" the work started by one and continued by another.
  
- 6. Do the student intern candidates need to complete the application?**
  - a. No. The current application is for Faculty Externships only. There will be a separate application method for the student intern candidates.
  
- 7. How old must the student intern be at the time of internship?**
  - a. Because this is a Federal Grant, all participants must be at least 18 years old at the time of internship.

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- 8. Are the Faculty going to select students and then they are going to get sent to different locations across the nation?**
  - a. Everything is going to be in California and ideally the same place that the faculty externship will be the site where the student interns, so we are working with the same people.  
If you do not have an existing employer relationship, we will help you find an employer that can work with you and possibly with two student interns, you can have one or two sites where the students are working. We have a database of these DOD companies in California for which we essentially do a marketing campaign to. We talk about this project where they would benefit from adopting some of our interns. The first phase is the faculty externship with a company to learn what the company does and to negotiate the scope of the internship. Then you select the students that would eventually be the intern(s) there.
  
- 9. Do you have examples of successful proposals from previous year(s) that we could look at, to give us a better perspective of what this program is looking for?**
  - a. There is a rubric at [https://cact.org/CADENCE/Scoring\\_Rubric.pdf](https://cact.org/CADENCE/Scoring_Rubric.pdf). Adhere to the different qualifiers in the rubric and address them in your material. Make certain that you have the methodology for communication. Show how you work with your students currently (or pre-COVID19). There are several categories that we will be looking at. We try to make certain that to be open and transparent of what we feel is our critical. The Regional Directors of Employer Engagement for Advanced Manufacturing, the Statewide Director Advanced Manufacturing and the CADENCE Project 9 Director will be reviewing the applications.
  
- 10. Is this opportunity open to CTE programs only or is it open to non-CTE programs faculty as well? Some programs only have CAD/CAM curriculum with a focus on industrial design for aerospace and companies alike. Can they still apply?**
  - a. Any faculty that teaches a curriculum that will support the grant goals is welcome to apply. Subjects such as CyberSecurity for the IoT is applicable, as is any CAD/CAM program.
  
- 11. Is there a rubric for college curriculum that will qualify?**
  - a. Not for specific curriculum. As previously stated, there is a rubric at [https://cact.org/CADENCE/Scoring\\_Rubric.pdf](https://cact.org/CADENCE/Scoring_Rubric.pdf). Adhere to the different qualifiers in the rubric and address them in your material. Again, the Regional Directors of Employer Engagement for Advanced Manufacturing, the Statewide Director Advanced Manufacturing and the CADENCE Project 9 Director will be reviewing the applications.