

GRIT Program Review Analysis

Department/Office/Program: Electronics

Date: 2/28/2024

- 1. Concerning issues around access, retention, and success of students**
 - A. The program is predominantly male.

- 2. Concerning issues around equity**
 - A. Disparity between male and female enrollment – 90% male and 10% female; lack of diversity

- 3. Promising practices that support students that are being implemented**
 - A. VR simulations/Hybrid method
 - B. Days and time of class offerings
 - C. All courses are no cost to students
 - D. All notes are available on Canvas
 - E. Participation in HS career fairs
 - F. New projects (electrify yachts in the Bay)
 - G. Use of small groups for instruction

- 4. Important to note**

- 5. Recommendations**
 - A. Utilize career education outreach to HS to increase interest by different gender identities beyond males
 - B. Provide tangible information to HS sites on employment options for certification
 - C. Strengthen/expand partnerships with HS sites developing Electronic and Auto programs
 - D. Link more with construction programs – electrification of homes/cars/boats;
 - E. Assess multiple ways this program appeals to student interest (for example, robotics; residential electronics; solar) to develop multiple pathways for students
 - F. Continue use of VR teaching methods
 - G. Consider offering courses on weekends to attract additional students (for example, ESL, AUTO/ACRT offer courses on Saturdays)
 - H. Connect to employers more expansively
 - I. Connect program elements to Vision 2030 and Governor’s climate plan

- 6. Commendations**
 - A. Successful retention rate in program.
 - B. Full student access – no cost
 - C. Increase in enrollment of younger students (18-22).
 - D. Use of VR and Hybrid offerings.
 - E. Responsive to learning styles of students
 - F. Hands-on aspects of program