



## **Kiwanis Club of Rolling Hills Estates**

P.O. Box 2856

Rolling Hills Estates, CA 90274

<http://kiwanisclubrhe.org>

### **2026 Scholarship Application**

The Kiwanis Club of Rolling Hills Estates is pleased to offer ten tuition course scholarships for the Vocational and Occupational Learning in Technology program (VOLT). The program is limited to those students who do not intend to go on to college and are at the 11<sup>th</sup> and 12<sup>th</sup> grade in high school. The hands-on training program is intended as an introduction to the basics of Computer-Aided Design (AI) and 3D printing.

#### **BACKGROUND**

The VOLT STEM vocational program is designed for the 40% of high school graduates who do not plan to pursue a four-year college degree. As the U.S. works to rebuild its manufacturing base, the demand for a skilled workforce with 21st-century technical expertise continues to grow.

To meet this need, the VOLT program offers hands-on training in Computer-Aided Design (CAD), specialized software used to create accurate 2D and 3D models. These designs can then be converted into formats for 3D printing. Students will gain practical experience by designing and printing test models using PVNet's state-of-the-art 3D printers.

Mastering CAD can lead to well-paying careers in fields such as automation, aerospace, 3D printing, and sustainable design. By equipping non-college-bound students with this skill, the VOLT program provides a pathway to future-proof careers without requiring a traditional college education.

#### **VOLT APPLICANT REQUIREMENTS**

1. The course is open to both girls and boys in the 11<sup>th</sup> and 12<sup>th</sup> grade that do not plan to go on to a four year college upon graduation.
2. The program is open to those students that plan to go to a two year community college as part of their vocational training.
3. Basic Computer Skills – Familiarity with using a computer, including file management, internet browsing, and basic software use.
4. Understanding of Measurements – Basic knowledge of units of measurement (millimeters, inches) and simple geometry.
5. Interest in Technology & Design – Enthusiasm for learning about 3D modeling, printing, and problem-solving.
6. No Prior Experience Required – Courses does not require prior knowledge of 3D printing or CAD (Computer-Aided Design) software.
7. Proficiency in English

8. Resides in Palos Verdes, or San Pedro
9. The parents of those receiving the tuition scholarship must register their student with Palos Verdes on the net (PVNet) before the start of the program.

Students seeking a Kiwanis of RHE tuition scholarship will earn additional consideration meeting the following criteria:

1. Active members of the Kiwanis Club of RHE, KIWINS or Key Clubs.
2. Leadership or ongoing participation in community and school activities.
3. A member of the Boys and Girls Club of Los Angeles Harbor

Applications will be limited to students from those attending the following high schools:

1. Peninsula
2. Palos Verdes
3. San Pedro
4. Port of Los Angeles
5. Rancho Del Mar
6. Angel's Gate
7. Phineas Banning

## **Grant Application Dates**

Open enrollment: March 2, 2026

Close of enrollment: June 12, 2026

Notification of awards: June 19, 2026

Start of VOLT program: July 6, 2026

VOLT program ends: July 29, 2026

Scholarship award luncheon: August 6, 2026

## **Location and Schedule**

The class will be held at the Palos Verdes on the Net (PVNet) technology center at 550 Deep Valley Dr., Ste #229 in Rolling Hills Estates. For more information on the center, email [education@pvnet.com](mailto:education@pvnet.com) or phone (310) 541-7992.

Classes will be held on Mondays & Wednesdays from 10am - 2pm, which includes a 30 minute lunch break. Students will be responsible for their own transportation and lunch.