

**Now  
Hiring!**

# WTP Instructors for Summer 2025

**Apply ASAP!**  
<https://tinyurl.com/t5mxkhp>

## **REQUIRED**

Graduate student  
or  
Recent Masters/PhD with  
background in  
Mechanical  
Engineering

## **REQUIRED**

Available weekdays  
and occasional  
evenings +  
weekends June  
9 - Aug 15

## **REQUIRED**

Passion +  
excitement for  
inspiring young  
engineers

## **SALARY**

Full summer TA for  
registered grad  
students (or  
equivalent for  
graduates paid  
during 10 weeks)

## WHAT IS WTP-ME?

A 4-week-long rigorous summer academic experience that introduces 20 rising high school seniors to ME. In WTP-ME, students learn what it is to be an engineer through a flipped classroom approach to problem solving, hands-on work, and intuition development while embracing the unknown and failure as a means toward success. A majority of alums report that WTP was a life changing experience, regardless of their chosen college major.

Together, the WTP Director (Barbara Hughey) and program admin (Julia Sharpe), 2 instructors, and 7 residential staff work to ensure a cohesive, rewarding, educational experience for the students. In addition to leading activities, the team members act as good role models for the students, provide them with emotional support and encouragement, and work to ensure their safety and well-being.

## WHAT IS WTP-HK?

A 2-week-long modification of the original WTP-ME curriculum for 30-36 high school students from Hong Kong. Students stay off-campus with chaperones, so program is focused solely on academics and exposure to a mechanical engineering curriculum.

	WEEK 1	WEEK 2	WEEK 3	WEEK 4
YOUR ROLE	Teach or assist 1-3 classes/day & mini design challenges. Evening review sessions if needed	Continue teaching classes; help organize, assign, and mentor poster projects	Organize & run workshops & engineering showcases. Update classes for next year.	Mentor student design & build process, some evening hours. Update classes for next year.
PROGRAM SCHEDULE	Classroom activities: ME fundamentals, Intro. to Design Process & building	Final academic classes, poster project	Poster project, hands-on workshops, tours, and engineering showcases	Rube Goldberg Challenge!



### MARCH-MAY

1-3 organizational meetings w/ fellow staff  
Review curricula, up to 30 hours total over 3 months, paid hourly

### JUNE 9-27

Review and finalize curriculum  
Prepare for students to arrive  
Mentor Tutors

### JUNE 28-JULY 26

WTP-ME is in session!  
*(see above for details)*

### JULY 28-AUG 8

WTP-HK is in Session!  
Similar to Week 1 and Week 4.  
Update course materials

### AUG 11-15

Finish updates to course materials for next year.  
Leave detailed notes about classes and activities  
Cleanup