

3306 physics laboratories, Spring 2025

Prof. Saptaparna Bhattacharya

<https://www.physics.smu.edu/saptaparnab>



Ripple tank: Resources and seventh-week checklist

Resources

- Weekly worksheet with mandatory and graded pre-lab submissions and information for your required preparation, experiment introductions, uncertainty analysis summary and labs: <https://www.physics.smu.edu/saptaparnab>

Your learning outcomes today

Keep asking your instructor until you have thoroughly understood the concept of uncertainties.

- ☐ Setup the ripple tank as per instructions in the PASCO manual (an older version that features the older apparatus will be provided)
- ☐ Perform experiment one and two

Additionally you will need to know how to

- ☐ work with jupyter-notebooks

Make use of your instructor's office hours and ask them about your graded worksheet/report or about your preparation for the following week's experiment.

Notes: