

Weekly Checklist: Week 10

Math 121, Fall 2025

(11/3-11/7)

Class Lecture Videos

- None this week

Homeworks

- None this week, although HW 15 is available
- Homework 15 (due MONDAY 11/10) _____

Handouts

- Extra Examples of Interval of Convergence _____
- Taylor/MacLaurin Series _____
- Taylor/MacLaurin Series Blank Quiz Sheet _____

Optional Practice Worksheet

- Practice Worksheet 10 (try around 10/7)

Exam Preparation

- * Study MacLaurin Series _____
- * Practice Filling Blank MacLaurin Series Sheet _____

Goals

- Solidify Interval and Radius of Convergence _____
- Solidify the series derivations of $\arctan x$ and $\ln(1 + x)$ _____
- Solidify Six MacLaurin Series _____
- Solidify Differentiation and Integration of Power Series _____
- Solidify Chart Method (Definition) for finding MacLaurin Series _____
- Solidify Substitution Method for finding MacLaurin Series using known Series _____
- Attend Office Hours _____
- Get some rest _____