

Math 805: Applied Complex Variables and asymptotics, II, Course Policy

Instructor: Saleh Tanveer

Office: MW 402.

Office hours: MWF 12:30-1:30.

Text: Asymptotics and Borel Summability. O. Costin, Publishers: Chapman & Hall/CRC.

On occasions, we will use additional notes, I will post on my website.

Syllabus: Chapters 1-3, Costin Book. Supplementary material on Boundary Layer Methods for ODEs, PDEs.

References:

1. Bender & Orszag, Advanced Mathematical Methods for Scientists and Engineers, McGraw Hill.
2. F. Olver, Asymptotics and Special Functions, Academic, (v) Bender & Orszag (Advanced Mathematical Methods).

Grading Policy:

Homework (4-5 sets: 50 %), and final (50%).