

INF 308 – Metode Numerik

1. Dosen: Nur Uddin, PhD. (Email: nur.uddin@upj.ac.id)
2. Buku referensi:
S.C. Chapra and R.P. Canale, *Numerical Methods for Engineers 7th Edition*, Mc Graw-Hill Education, 2015
3. Penilaian
Komponen nilai: UTS (30%) + UAS (30%) + Tugas (30%) + Keaktifan (10%)
4. Silabus

Lectures	Topic	Reading	Assignments
1	Introduction		
2	Linear algebra		
3	Differential, multivariable		
4	Integral		
5	Taylor series		
6	Numerical error		
7	Root of equations, Newton-Rapson method		
8	UTS		
9	One-dimensional unconstrained optimization: Part 1	Ch. 13	
10	One-dimensional unconstrained optimization: Part 2		
11	Multidimensional unconstrained optimization: Part 1		
12	Multidimensional unconstrained optimization: Part 2		
13	Constrained optimization: Part 1		
14	Constrained optimization: Part 2		
15	Review		
16	UAS		