

NUMERICAL METHODS 262 (2017)

Lecturer: Prof JAC Weideman (A315, weideman@sun.ac.za)

Coordinator: Dr Nick Hale (A410, nickhale@sun.ac.za)

Web: <http://appliedmaths.sun.ac.za/NM262> (visit regularly for announcements and information)

Text Book: Gilat & Subramaniam, *Numerical Methods, An Introduction with Applications Using Matlab*, SI Version, 3rd Edition, John Wiley, 2014. (The 2nd edition will also work.)
A few sections from Zill & Wright *Advanced Engineering Mathematics* will also be covered.

Lectures: Tuesdays (8:00; K302) and Wednesdays (10:00; E352/353)

Practical: Thursdays (12:00; S207A, S207B, S203)

Assignments: Roughly every two weeks an assignment is handed in: a hard copy as well as an electronic copy (details on the web site). No assignments will be accepted after the due date. Collaboration in the form of the exchange of ideas and hints is encouraged, but what you hand in should be your own work. These assignments determine your semester mark *SM*.

Registration: At registration, make sure you meet the prerequisite (Engineering Mathematics 214 \geq 40). Also make sure that you have no timetable clashes for the tests. Those students who repeat the module are expected to hand in all assignments.

Assessment: The Flexible Assessment system as defined by the Faculty of Engineering is in effect; the web page has a link to the official document. No additional subminima other than those prescribed in the document will be enforced. The dates of the three assessments are (times will be announced on the web):

A1: 31 August, A2: 14 November, A3: 30 November

The final mark is calculated according to $0.1 SM + 0.4 A1 + 0.5 A2$. Note that there are restrictions on admission to A3, it is not for everyone (see the official document).

