Paul Robinson
Department of Mathematics

MAA 6407 (Section 1D18)

Time and Location
MWF Period 8 (15:00-15:50) LIT 205

Office hours
M6 W4 F6 (or by appointment)

Text
No specific text will be required; see below for suggested references.

Topics
The second semester of this two-semester sequence will cover further topics in complex analysis, including the following: the general Cauchy theorem; the Weierstrass product theorem; the Vitali convergence theorem; the 'little' Picard theorem; and some of the theory of Weierstrassian and Jacobian elliptic functions (though not necessarily in that order). Remmert's 'Classical Topics in Complex Function Theory' provides a framework for all of these topics except the elliptic function theory, for which Neville's 'Jacobian Elliptic Functions' provides a skeleton.

Policies
Homework problems will be assigned and discussed in class; some of these problems will be collected and graded. In addition, there will be a midterm and a final, partly designed to guide students who may be interested in taking a written qualifying examination in this subject. Assignment of grades will be determined by performance in three equally-weighted units: the graded homework assignments, the midterm and the final. For other matters of policy, please consult Policies plus' at the Files page.

Homework
HW 01

Test dates
Mid-term:

Final: