

MAT 1120, Calculus with Analytic Geometry II

Course Information

Prof Wm C Bauldry

Mathematical Sciences

January, 2012

Catalog Entry

MAT 1120. Calculus with Analytic Geometry II (4).F;S.

A study of the logarithmic and exponential functions, circular functions and their inverses, techniques of integration, improper integrals, infinite series, Taylor polynomial and power series. Prerequisite: MAT 1110 (with a grade of C- or higher). (NUMERICAL DATA) (CORE: MATHEMATICS) (ND Prerequisite: passing the math placement test or successful completion of MAT 0010.)

Syllabus

We will cover material and special topics considering most of chapters 5 through 11 of our text. (See the text's [Table of Contents](#).)

Text

Calculus From Graphical, Numerical, And Symbolic Points Of View,
Arnie Ostebee & Paul Zorn, 2nd edition, 2001.

Contact Information

Professor: Dr Wm C Bauldry

Office: Walker 237

Office Hours: To be announced and/or by appointment.
Check my [online calendar](#).

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(828) 278-9355 *my Voice Mail (via Google)*
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vCard QR code

Grading

3 midterm exams	≈	300 pt.
Quizzes & homework	≈	100 pt.
Projects & Reports	≈	100 pt.
Comprehensive Final Exam	≈	150 pt.
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Total	≈	650 pt.

There are two requirements:

① Accumulate the necessary points:

90%: A-

80%: B-

70%: C-

55%: D

*These are anticipated cut-off scores
and may be lowered (but not raised).*

② Pass the final exam (at least 50%)

Note: Attendance is expected, but not graded.

University Policies

See the Academic Affairs Policy Page

● **Academic Integrity Code**

See the complete Academic Code

Students . . . agree to abide by the following Code:

- Students will not lie, cheat, or steal to gain academic advantage.
- Students will oppose every instance of academic dishonesty.

● **Disability Services**

See the Office of Disability Services

“Appalachian State University is committed to making reasonable accommodations for individuals with documented qualifying disabilities”

● **Attendance Policy**

See the ASU Attendance Policy

“Class attendance is an important part of a student’s educational experience. Students are expected to attend every meeting of their classes and are responsible for class attendance.”

● **Student Engagement with Courses**

See Student Engagement

The “foremost activity of students is an intense engagement with their courses. In practical terms, students should expect to spend two to three hours of studying for every hour of class time.”

Generic Comments

- We will be using: graphing calculators, e.g. TI-84+; graphing programs; Maple 15™; and Excel™
- Attendance is not graded; however, mathematics can only be learned through **active participation** — not by osmosis. Study groups are good!
- Cell phones must be silent during class and must be turned off for quizzes and tests. Using a cell phone during a quiz or test is academic misconduct. The instructor's cell-phone will be turned on during quizzes and tests for emergency notification.
- If you find a concept difficult, come in for **help**. Don't wait until an exam or quiz to prove that you don't understand something.
- If you cannot attend a test, make arrangements *before* an exam to make it up. There are no post hoc make-ups. Missed quizzes or homework assignments will not be made up. Keep close track — the days of exams & quizzes or due dates for homework may change.