

Math 124 End of Week 7 Newsletter

UPCOMING SCHEDULE:

Friday: No Class (University Holiday)
Monday: Section 3.10/4.1 (Intro to critical numbers and max/min)
Tuesday: Homework discussion and test prep (bring homework questions)
Wednesday: Section 4.1 (absolute max/min)
Thursday: Homework discussion and test prep
Next Friday: Section 4.3 (Local Max/Min) and review

Exam 2 is Tuesday, Nov. 21st:

Exam 2 will have questions on **ALL** the topics since the last exam through next week.

HOMEWORK: Closing *Thursday*: hw17S3.9
Closing Next *Tues*: hw18S3.10
Closing Next *Thur*: hw19S4.1, hw20S4.1

PREVIOUS HOMEWORK STATS:

hw15S3.5: median score = 97%, median time = 191 minutes
hw16S3.6-9: median score = 100%, median time = 128 minutes

NEW POSTINGS

Remember the course website is here: <https://sites.math.washington.edu/~aloveles/Math124Fall2017/index.html>

Linear Approximation Review (3.10):

<https://sites.math.washington.edu/~aloveles/Math124Fall2017/m124LinearApproximationReview.pdf>

Critical Points, Absolute (Global) Max/Min, Local Max/Min Review (4.1/4.3):

<https://sites.math.washington.edu/~aloveles/Math124Fall2017/m124week7reviewNOMeanValue.pdf>

OLD EXAMS: Recall my exam archive is here (mine all have full solutions):

<https://sites.math.washington.edu/~aloveles/Math124Fall2017/LovelessExamArchive.html>

The math department archive is here: <https://www.math.washington.edu/~m124/SampleMid2.php>

Make sure to know all the homework well, then study old exams in the exam archive (the departmental archive and my archive). Check these out for targeted practice:

Here are **related rates problems** (3.9) from old midterms:

Problem 5 from: <https://www.math.washington.edu/~aloveles/Math124Winter2016/m124w13e2.pdf>

Problem 5 & 6: <https://www.math.washington.edu/~aloveles/Math124Winter2017/m124w16e2.pdf>

Problem 6 from: <https://www.math.washington.edu/~m124/source/Exams/Midterm2/2014win/ostroff.pdf>

Problem 4 from: <https://www.math.washington.edu/~m124/source/Exams/Midterm2/pezzoli2013/mid2Sp13.pdf>

Problem 3 from: <https://www.math.washington.edu/~m124/source/Exams/Midterm2/mid2w09/alexMidterm2.pdf>

Here are **linear approximation** (3.10) from old midterms:

Problem 2: <https://sites.math.washington.edu/~aloveles/Math124Fall2017/m124w16e2.pdf>

Problem 4: <https://sites.math.washington.edu/~conroy/m124-general/exams/aut2012/mt02a-math124-aut2012.pdf>

Problem 3: <https://sites.math.washington.edu/~taggart/m124/spr2004/ExamII/exam2v1.pdf>

Problem 4: <https://sites.math.washington.edu/~m124/source/Exams/Midterm2/2016win/perkins.pdf>

Here are **Critical Numbers and Absolute Max/Min** (4.1) from old midterms:

Prob. 4 from: <https://www.math.washington.edu/~taggart/m124/win2010/ExamII/Exam2v1.pdf>

Prob. 4 from: <https://www.math.washington.edu/~taggart/m124/spr2010/ExamII/Exam2v1.pdf>

Prob. 3 from: <https://www.math.washington.edu/~aloveles/Math124Winter2016/m124f10e2.pdf>

Prob. 1 from: <https://www.math.washington.edu/~conroy/m124-general/exams/aut2012/mt02a-math124-aut2012.pdf>

I hope some of this helps.

Dr. Andy Loveless