MAT 372
ADVANCED CALCULUS II

Instructor: Professor Don Jones, WXLR 623.

Time: TTh 10:30-11:45, LL 221.


Prerequisite: MAT 371.

Note: MAT 372 counts as an Advanced Course in Mathematics towards the BS degree and the Stats BS degree.

Topics: The course is a multi-dimensional version of MAT 371. It will cover the topology of $\mathbb{R}^n$, differentiation in $\mathbb{R}^n$, extremum problems, open mapping theorem, implicit function theorem, and integration in $\mathbb{R}^n$. 