MME 527   Linear Models II   Spring 2023

text: Lay *Linear Algebra and It's Applications* (4ᵗʰ ed) - - same as 526

software: Matlab, Maple, online Linear Programming , Geogebra

Class/lecture topics:

> **Rotations, Quadratic Forms, Quadric Surfaces**
>
> **Combinatoric Graphs (continued from Fall)**
>
> **Linear Programming**
>
> **Regression Analysis**
>
> **Google Searches**
>
> **Image Processing**

Project Topics:

> **Quadric Surfaces**
>
> **Binomial Graphs**
>
> **Developing an Optimal Diet**
>
> **Regression Analysis**

Homework:

> on foundational issues relating to lectures

Grade:

> projects: 70%   homework: 30%