

## **BIOE 710 MATERIALS HANDLING**

Instructor: J.D. Philp  
A208 Ag. Eng. Bldg.  
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**Objective:**

To acquaint students with the fundamentals of moving, processing and storing agricultural products.

3 hours of lectures per week in one term.

1. Storage System Planning
2. Spoilage of Stored Grain
3. Control of Grain Temperature
4. Grain Aeration and Drying
5. Health Hazards
6. Grain Handling Equipment
7. Seed Processing and Handling
8. Feed Processing and Handling
9. Selection of Electric Motors
10. Emergency Power Systems

**Marks:**

Mid Term #1:	25%	Monday, February 2, 2009
Mid Term #2	25%	Wednesday, March 4, 2009
Final Exam:	50%	