

The Future with EDU

John Lindsay Orr

Department of Mathematics

University of Nebraska - Lincoln



The Future with EDU

Presentation Plan

- ✦ Managing Courses
- ✦ Advanced Assignments
- ✦ Inline Questions
- ✦ Advanced Algorithms
- ✦ EDU 2.6
- ✦ Blackboard

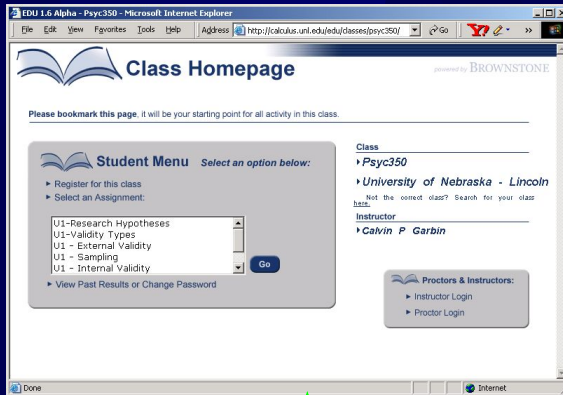


Managing Courses

- ✦ Course Inheritance
- ✦ Course Modules

Managing Courses

Course Inheritance



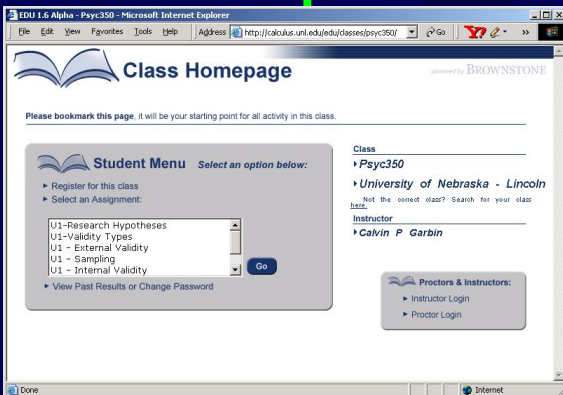
Parent Class:

Hwk 1

Question Bank 1

Hwk 2

Question Bank 2



Child Class:

Hwk 1

Question Bank 1

Hwk 2

Question Bank 2

Hwk 3

Question Bank 3

Managing Courses > Course Inheritance Multi-Section Courses

EDU 1.6 Alpha - Psyc350 - Microsoft Internet Explorer
Address http://calculus.unl.edu/classes/psyc350/

Class Homepage

Please bookmark this page, it will be your starting point for all activity in this class.

Student Menu Select an option below:

- Register for this class
- Select an Assignment:
 - U1 - Research Hypotheses
 - U1 - Validity Types
 - U1 - External Validity
 - U1 - Sampling
 - U1 - Internal Validity
- View Past Results or Change Password

Class

- Psyc350
- University of Nebraska - Lincoln

Not the correct class? Search for your class here.

Instructor

- Calvin P Garbin

Proctors & Instructors:

- Instructor Login
- Proctor Login

EDU 1.6 Alpha - Psyc350 - Microsoft Internet Explorer
Address http://calculus.unl.edu/classes/psyc350/

Class Homepage

Please bookmark this page, it will be your starting point for all activity in this class.

Student Menu Select an option below:

- Register for this class
- Select an Assignment:
 - U1 - Research Hypotheses
 - U1 - Validity Types
 - U1 - External Validity
 - U1 - Sampling
 - U1 - Internal Validity
- View Past Results or Change Password

EDU 1.6 Alpha - Psyc350 - Microsoft Internet Explorer
Address http://calculus.unl.edu/classes/psyc350/

Class Homepage

Please bookmark this page, it will be your starting point for all activity in this class.

Student Menu Select an option below:

- Register for this class
- Select an Assignment:
 - U1 - Research Hypotheses
 - U1 - Validity Types
 - U1 - External Validity
 - U1 - Sampling
 - U1 - Internal Validity
- View Past Results or Change Password

EDU 1.6 Alpha - Psyc350 - Microsoft Internet Explorer
Address http://calculus.unl.edu/classes/psyc350/

Class Homepage

Please bookmark this page, it will be your starting point for all activity in this class.

Student Menu Select an option below:

- Register for this class
- Select an Assignment:
 - U1 - Research Hypotheses
 - U1 - Validity Types
 - U1 - External Validity
 - U1 - Sampling
 - U1 - Internal Validity
- View Past Results or Change Password

EDU 1.6 Alpha - Psyc350 - Microsoft Internet Explorer
Address http://calculus.unl.edu/classes/psyc350/

Class Homepage

Please bookmark this page, it will be your starting point for all activity in this class.

Student Menu Select an option below:

- Register for this class
- Select an Assignment:
 - U1 - Research Hypotheses
 - U1 - Validity Types
 - U1 - External Validity
 - U1 - Sampling
 - U1 - Internal Validity
- View Past Results or Change Password

Class

- Psyc350
- University of Nebraska - Lincoln

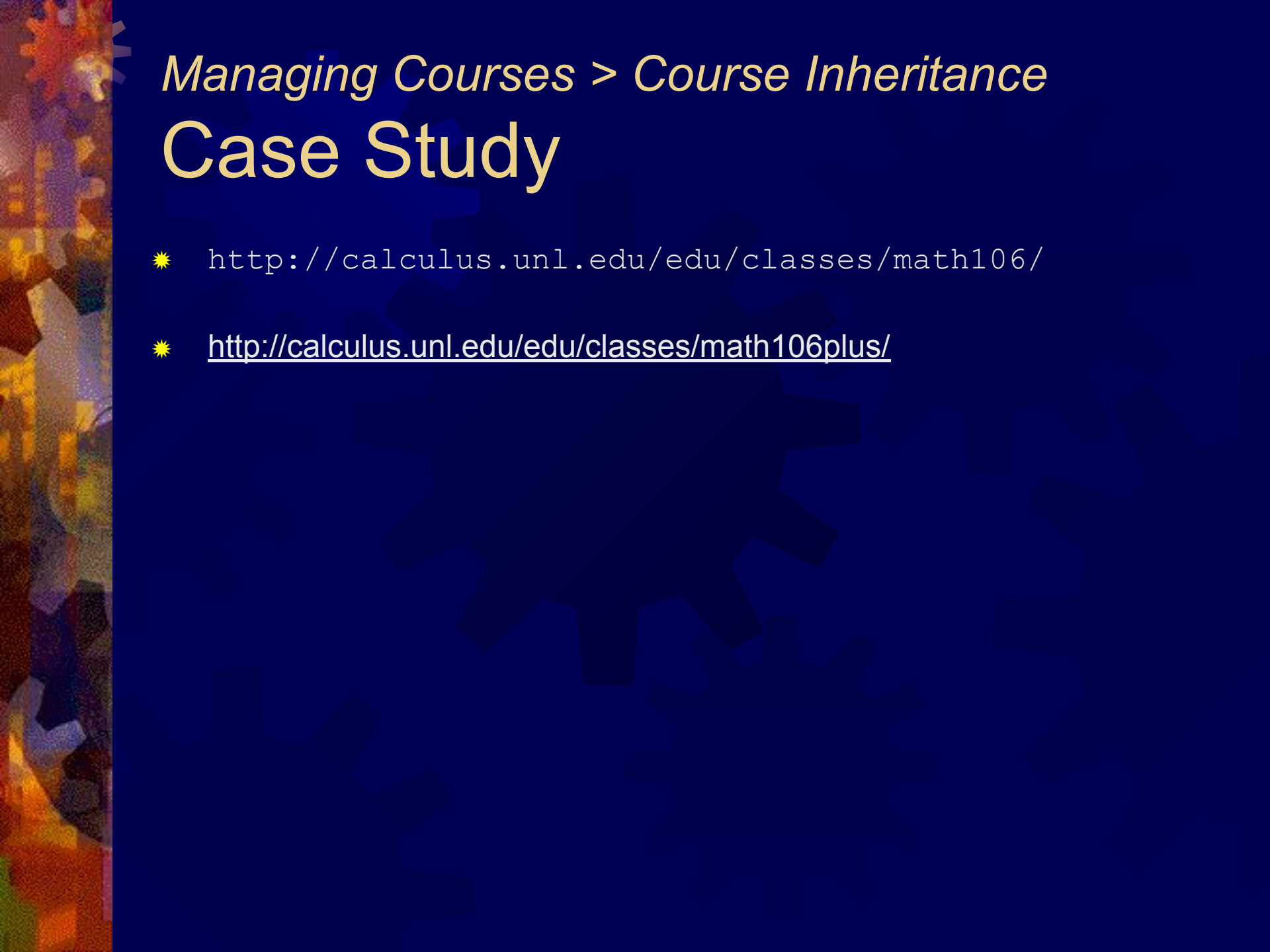
Not the correct class? Search for your class here.

Instructor

- Calvin P Garbin

Proctors & Instructors:

- Instructor Login
- Proctor Login



Managing Courses > Course Inheritance

Case Study

- ✦ <http://calculus.unl.edu/edu/classes/math106/>
- ✦ <http://calculus.unl.edu/edu/classes/math106plus/>



Managing Courses

Course Modules

- ✦ Back up your work
- ✦ Share your creation
- ✦ Migrate from semester to semester



Advanced Assignments

- ✦ Annotations
- ✦ Hints and feedback
- ✦ Requirements
- ✦ Mastery mode

The Inline Question Type

- ✦ Generalized fill-in-the-blank
- ✦ Inline Question Editor
- ✦ The List question type

Advanced Functions

- ★ The `mathml(...)` function

- ★ Also

 - ★ `erf($z)`

 - ★ `inverf($p)`

 - ★ `numfmt("x,xxx.00", $x)`

- ★ Extensions: The stock quote function

Advanced Algorithms

Linked Questions

```
qu.3.1.question=Enter a prime number.@
```

```
. . . .
```

```
qu.3.1.id=one@
```

```
qu.3.2.question= ${if(eq($grade.one, 0), "Wrong!")} . . . @
```

```
. . . .
```

```
qu.3.2.id=two@
```

```
qu.3.3.question= What is $response.one + $response.two?@
```

```
. . . .
```

```
qu.3.3.answer.num=$response.one + $response.two@
```



EDU 2.6

- ✦ Improved layout
- ✦ New grade book tools
- ✦ Enhanced inline questions



Blackboard

- ✦ Demo plugin