



UML: Use Case Specifications

Object-Oriented Analysis



Use Case Documentation

Use case symbol

Symbol Documentation Hyperlinks Visual style

One liner Maintain Information on Courses

Add, delete, and modify information on the courses taught by professors and delivered students as part of their Degree at ESU

<-> unlinked

OK Cancel

Edit
Courses

Use Case Specification

- ◆ Name
- ◆ Summary
- ◆ Basic Course of Events
- ◆ Alternative course of Events
- ◆ Exceptions
- ◆ Pre-conditions and Post-conditions
- ◆ Business rules

Specification Part 1

Name:	Add Courses
Summary:	Add information on a course taught by Professors and taken by students as part of their degree at ESU

Specification Part 2

Basic Events:

1. Create a course code
2. Enter the course title
3. Enter the Level
4. Enter the hours for lectures, tutorials and labs
5. Save new course

Specification Part 3

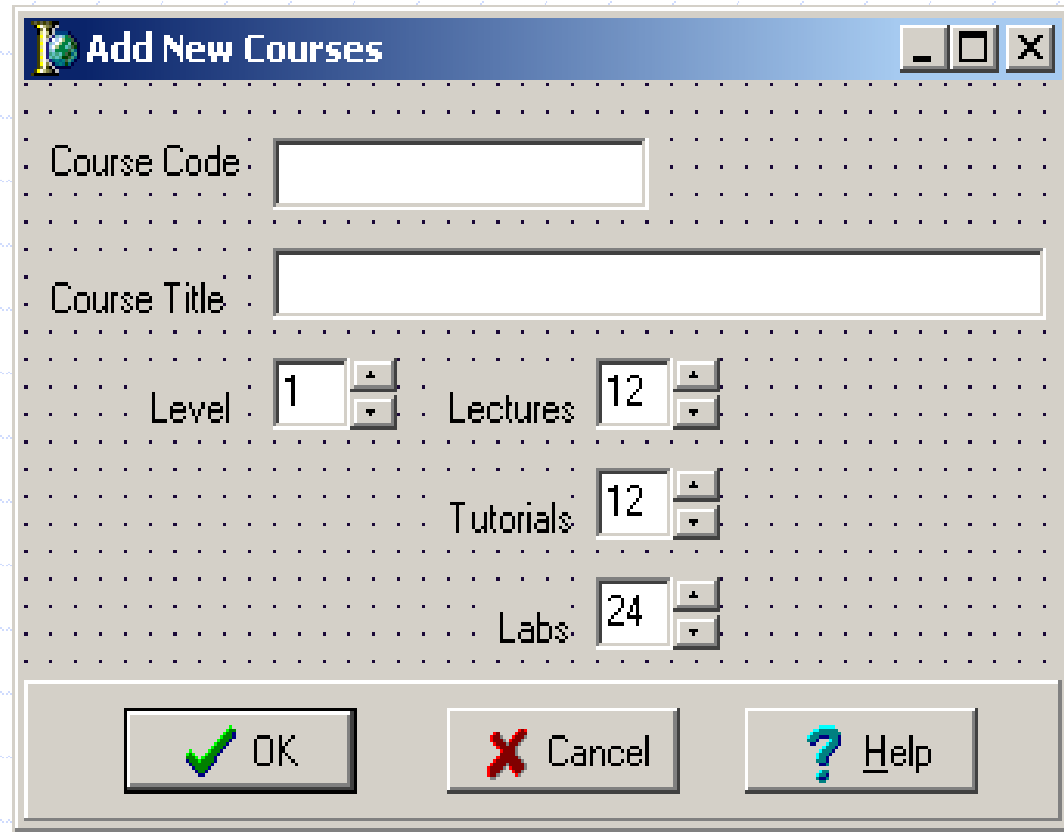
Alternative Events:	<ol style="list-style-type: none">1. If there are prerequisites, list them2. If there is a field work component add details
Exceptions:	<ol style="list-style-type: none">1. If course code is not unique prompt user to change it2. If Title is ambiguous prompt user to change it3. If Level is not specified, request it.

Specification Part 4

Pre Conditions:	The Professor offering the course is a valid teacher for ESU
Post Conditions:	The course will form part of the courses offered to students in the next academic year
Business Rules	See University Regulations governing course offerings

Specification Part 5

User
Interface:



The image shows a Windows-style dialog box titled "Add New Courses". It has a blue title bar with standard minimize, maximize, and close buttons. The dialog box is set against a grey background with a dotted grid pattern. It contains the following fields and controls:

- Course Code:** A single-line text input field.
- Course Title:** A multi-line text input field.
- Level:** A numeric spinner box currently displaying the value "1".
- Lectures:** A numeric spinner box currently displaying the value "12".
- Tutorials:** A numeric spinner box currently displaying the value "12".
- Labs:** A numeric spinner box currently displaying the value "24".

At the bottom of the dialog box, there are three buttons:

- OK:** A button with a green checkmark icon and the text "OK".
- Cancel:** A button with a red "X" icon and the text "Cancel".
- Help:** A button with a blue question mark icon and the text "Help".

Activity Diagram

