My UML diagram depicts an Instructor selecting a course they are in charge of, requesting to add new content and then choosing the content to add. This is then added to the database, saved and displayed so the student is able to see the updated content.

A diagram of a course

Description automatically generated

@startuml Create Online Course Content

skinparam style strictuml

|Instructor|

    start

    :Select course;

|Database|

    :Retrieve course info;

|InstructorController|

    :Display course info;

|Instructor|

    :Select add new content;

|InstructorController|

    :Display GUI for content selection;

|Instructor|

    while(continue?)

        :Upload content;

    |CourseService|

        if (valid content)

            :Add content to course;

        else (invalid content)

            :Display error message;

        endif

    |InstructorController|

        :Display content overview;

    |Instructor|

        :Approve content;

    |InstructorController|

        :Save content;

    |Database|

        :Save content to database;

    endwhile (no more content)

|Database|

:Save course update to database;

|Instructor|

    :Select publish course;

|InstructorController|

    :Display publish confirmation;

stop

@enduml