

Brock Butler Class Design Document
CD-COURSE06 CourseHandler
Date Modified: 02/26/2013
Version: 1.0

Revision History

Date	Version	Change	Author
02/26/2013	1.0	Initial Draft	James Grisdale

Description

CourseHandler allows access to the database to get a list of current courses as well as adding and deleting courses from the current course database.

Constructors

- **public CourseHandler();**
 - sets up the database for use

Methods

- **public ArrayList<Course> getRegisteredCourses();**
 - returns registered courses from the database
- **public updateCourse(Course course);**
 - inserts new information into the proper locations in the database for a given course
- **public ArrayList<String> getSubjects();**
 - returns full subject list.
- **public ArrayList<String> getCodes(String subj);**
 - returns courses offered in a particular subject
- **public Course getCourse(String subj, String code);**
 - returns course information for a subject and course code
- **public int addCourse(Course course);**
 - Adds course information to the current course table
- **public int removeCourse(Course course);**
 - Removes a course from the current course table

- **public ArrayList<String> getOfferings(String subj, String code);**
 - Returns list of offerings for a specific subject
- **public ArrayList<Task> getTasks();**
 - Returns all tasks
- **public addTask(Task task);**
 - Add a task to the task table
- **public removeTask(Task task);**
 - Delete a task from the database
- **public ArrayList<String> query(String query);**
 - Allows for a custom query to be made

Class Responsibility Collaboration Card

Responsibilities	Collaborators
Allows access to database functions	Course
	CurrentCourseHandler
	Scheduler
	CourseManager
	CourseListHandler
	MasterCourse
	BrockU

Class Design Sign-off

Name	Approval Status
Matthew Menonkariyll	
James Grisdale	
Taras Mychaskiw	