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();**
  - o sets up the database for use

Methods

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