

---

## Celcat (Timetable)

---

### Product Information

<b>Category</b>	Student Information System (SIS)
<b>Sub-category</b>	Timetable
<b>Website</b>	<a href="http://www.celcat.com/">http://www.celcat.com/</a>
<b>Product version</b>	
<b>Documentation</b>	<a href="http://www.celcat.com/solutions/">http://www.celcat.com/solutions/</a>
<b>API Documentation</b>	

---

### About Celcat

Hundreds of universities and colleges worldwide choose CELCAT to provide state of the art solutions to solve complex scheduling and attendance monitoring requirements. Why is CELCAT the brand of choice? Over 35 years' experience delivering bench mark software solutions and professional services to clients in more than 30 countries!

Clients and competitors acknowledge that CELCAT is synonymous with experience. Just as a seam of precious metal can be traced through a mine, so experience stretches through the company. This family business started in 1979 has, at its core, staff familiar with the challenges and complexities of timetabling and managing resources. One of the directors is a former timetabler within a university.

(<http://www.celcat.com/about-us/>)

---

### Integration Overview

The class schedule services allows students to view their class schedule by month (on web), weekly (on app), allows student to view details for a specific class. The iCal feed is used by the built-in timetable component in campusM, as described in the [Timetable overview](#).

---

### Integration Method

- iCal Feed

## Prerequisites

There are several prerequisites to the campusM integration with Celcat:

Prerequisite	Additional Information
Provide <b>Celcat base URL/hostname</b>	
Provide <b>secure authentication</b> methods: <ul style="list-style-type: none"> <li>• APIkey</li> <li>• Token</li> </ul>	
Provide a minimum of <b>three (3) Test accounts</b> containing comprehensive and typical data, including the following: <ul style="list-style-type: none"> <li>• Courses</li> <li>• Events scheduled over a few weeks</li> <li>• Varied event types</li> </ul>	The test accounts should allow testing the integration according to the Suggested Testing Guidelines. i.e. should support authentication / log into the app as the test account been provided and run complete end-to-end testing of the integration functionality.
Ensure that the Celcat iCall feeds are available for calls from the Connect Layer server(s)	The integration of campusM with Celcat requires the Connect Layer to retrieve the Celcat iCal feeds.
Identify which attribute should be used as the unique Identifier <ul style="list-style-type: none"> <li>• Email address</li> <li>• ID</li> </ul>	
Create a database view to extract iCal feed URLs per user from the Celcat database.	<pre> Stored Procedure  USE tt_icalfeed GO  SET ANSI_NULLS ON GO  SET QUOTED_IDENTIFIER OFF GO  CREATE VIEW HA_iCal_Email_UrlPostfix AS SELECT email, url_postfix FROM VUSER  GO  Testing  select url_postfix from HA_iCal_Email_UrlPostfix where email = #email </pre>

## User Experience

The class schedule (timetable) service allows student to view their class schedule by month (on web), weekly (on app) and

allows student to view details for a specific class

Property	Live Tile	
Default Size	1x2	1x1
Minimum Size	1x2	1x1
Suggested Design		

## Screenshots

← Click here for your course schedule ×

September, 2017

Mon	Tue	Wed	Thu	Fri	Sat	Sun
	28	29	30	31	1	2
9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology		
9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology		
9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology		
9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology		
9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology		
9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology		
9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology	9:00 AM - Structural Geology 2:00 PM - Hydrology		
						3
						4
						5
						6
						7
						8
						9
						10
						11
						12
						13
						14
						15
						16
						17
						18
						19
						20
						21
						22
						23
						24
						25
						26
						27
						28
						29
						30
						1

Week View

Click here for your course schedule >

- 
- 
- 
- 
- 
- 
- 
- 
- 
- 

### Structural Geology

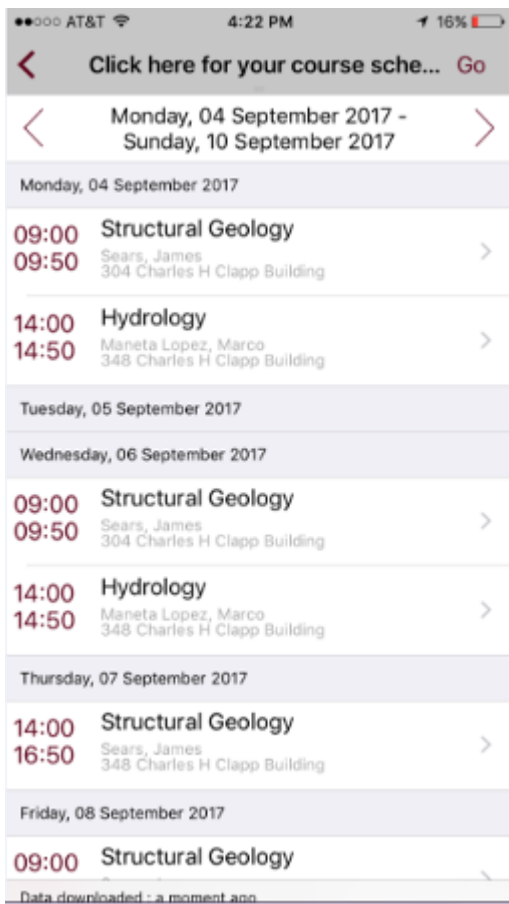
Start: Monday, 04 September 2017 09:00  
 End: Monday, 04 September 2017 09:50  
 Duration: 0.8 hours  
 Lecture/Lab  
 Please note that times are shown relative to your  
 timezone

**Location**  
 304 Charles H Clapp Building 

**Phone**  
 No phone no.

**Lecturer**  
 Sears, James   
 james.sears@

Add to Calendar



## Offline Functionality

Class events are cached on the device and can be viewed offline.

## Configuration Options

Configuration Item	Options
<b>Add to Calendar</b>	Add timetable event to the device calendar
<b>Tile size</b>	Increase the tile size from the 1x1 default size

## Labels

Label	Default Value
<b>Tile name on home screen</b>	Class Schedule
<b>Tile name screen title</b>	Class Schedule

Label	Default Value
Monthly/Weekly schedule screen title	Click here for your course schedule
Course detail screen title	Details

---

## Suggested Testing Guidelines

The following acceptance criteria is recommend to be used as part of the testing and approval process:

- User can access the Timetable Tile and see their current class schedule
- User can navigate to view their class schedule
- Course information is displayed correctly
- Instructor email link connects to email
- User can add agenda items to their device calendar