CodeLab-In-Canvas:
Admin Manual

OVERVIEW:

CodeLab now offers a tight integration with Canvas. Once it is set up, students and instructors access and experience CodeLab entirely and only in the Canvas browser window. In particular, students do not access CodeLab through the standard CodeLab client at all, and instructors have almost no need to do so either.

CodeLab-In-Canvas observes the "Canvas way of doing things" as much as possible.

CodeLab-In-Canvas must be set up separately for each Canvas course that uses it.

In order for CodeLab to be available to instructors, a few administrative steps must first be taken. Depending on how Canvas is set up in an institution, it may either be a central Canvas administrator who carries out these steps, or it could be the instructor themself.

This manual illustrates one sequence of steps that a Canvas administrator would follow in order to make CodeLab available for faculty and students.

To make CodeLab-In-Canvas available, the administrator will need:

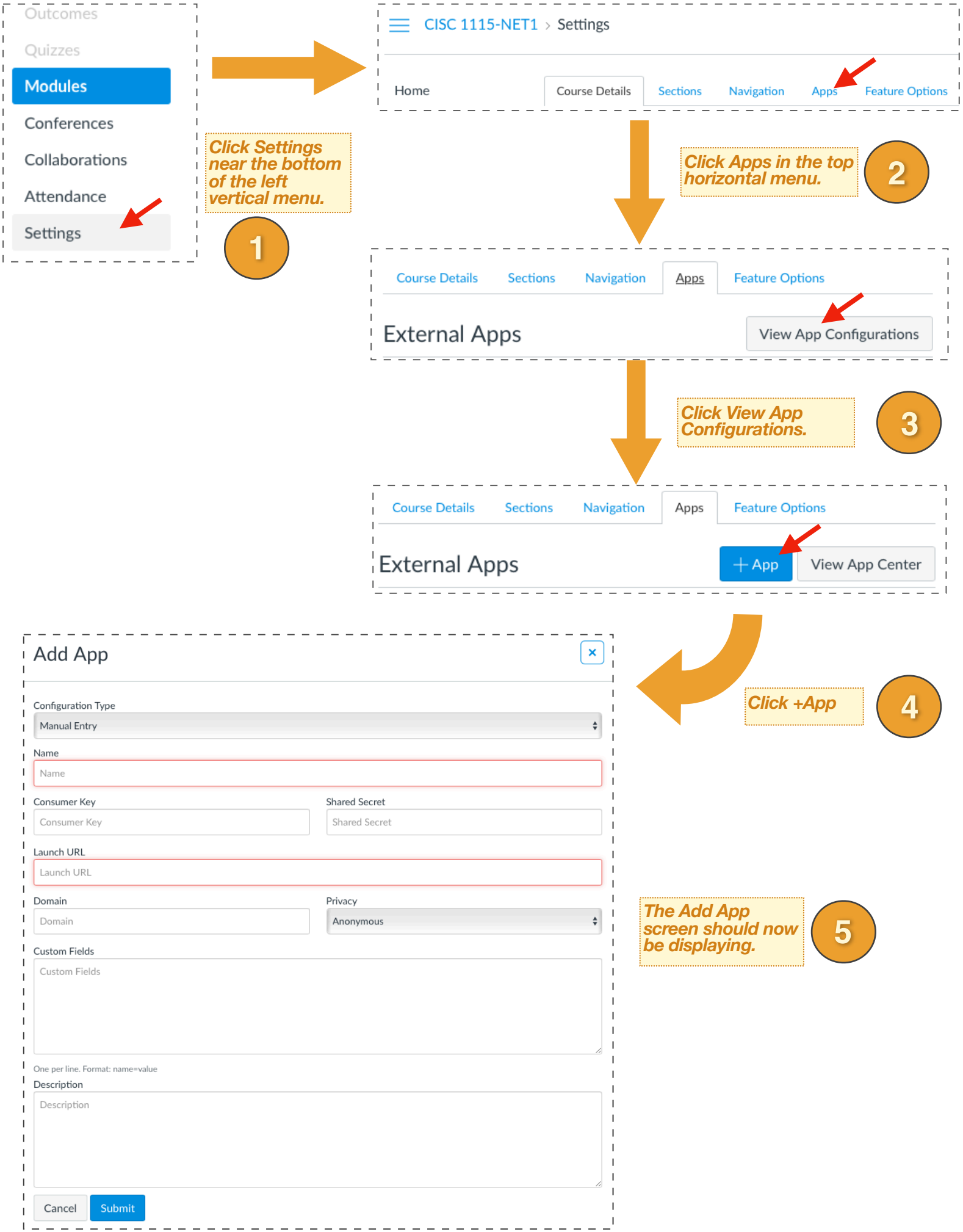
(1) A consumer key and shared secret: obtain by emailing **canvas@turingscraft.com**

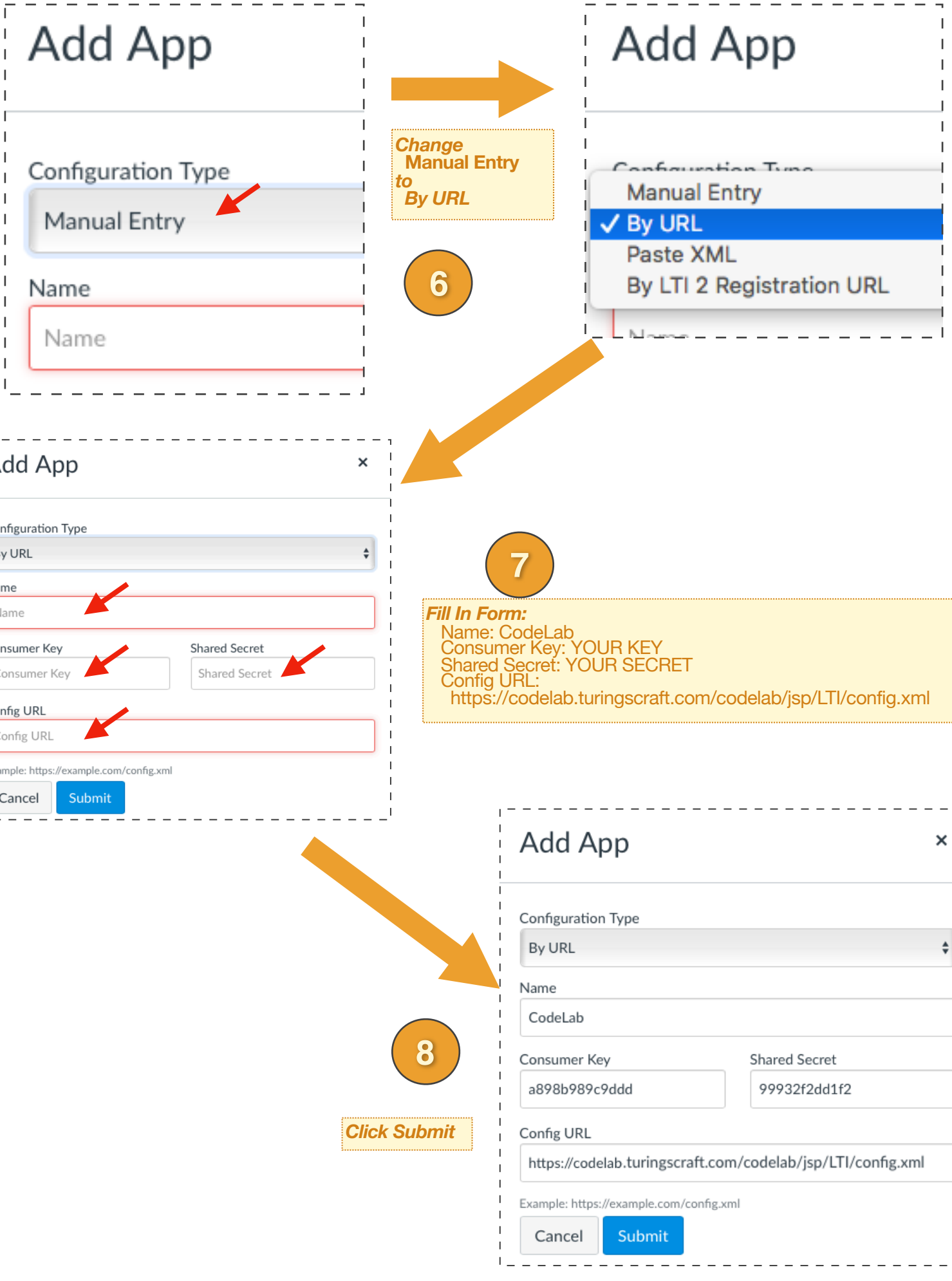
(2) An LTI registration URL: https://codelab.turingscraft.com/codelab/jsp/LTI/config.xml

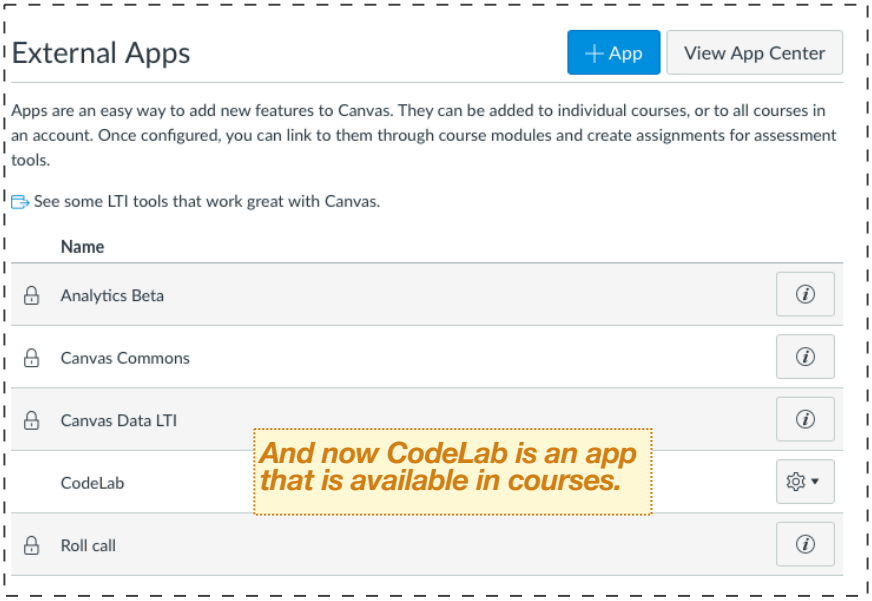
For many administrators, nothing further may need to be said. But the next 3 pages illustrate ONE possible path for using this information. If there are any questions, please write directly to:

canvas@turingscraft.com

We are very eager to support CodeLab-In-Canvas!


Outcomes
Quizzes
Modules
Conferences
Collaborations
Attendance
Settings
Click Settings near the bottom of the left vertical menu.
1
CISC 1115-NET1 › Settings
Home
Course Details
Sections
Navigation
Apps
Feature Options
Click Apps in the top horizontal menu.
2
Course Details
Sections
Navigation
Apps
Feature Options
External Apps
View App Configurations
Click View App Configurations.
3
Course Details
Sections
Navigation
Apps
Feature Options
External Apps
+ App
View App Center
Add App
Configuration Type
Manual Entry
Name
Name
Consumer Key
Consumer Key
Shared Secret
Shared Secret
Launch URL
Launch URL
Domain
Domain
Privacy
Anonymous
Custom Fields
Custom Fields
One per line. Format: name=value
Description
Description
Cancel
Submit
Click +App
4
The Add App screen should now be displaying.
5


Add App
Configuration Type
Manual Entry
Name
Name
Change
Manual Entry
to
By URL
6
Add App
Manual Entry
By URL
Paste XML
By LTI 2 Registration URL
Add App
Configuration Type
By URL
Name
Name
Consumer Key
Consumer Key
Shared Secret
Shared Secret
Config URL
Config URL
Example: https://example.com/config.xml
Cancel
Submit
7
Fill In Form:
Name: CodeLab
Consumer Key: YOUR KEY
Shared Secret: YOUR SECRET
Config URL:
https://codelab.turingscraft.com/codelab/jsp/LTI/config.xml
8
Click Submit
Add App
Configuration Type
By URL
Name
CodeLab
Consumer Key
a898b989c9ddd
Shared Secret
99932f2dd1f2
Config URL
https://codelab.turingscraft.com/codelab/jsp/LTI/config.xml
Example: https://example.com/config.xml
Cancel
Submit


External Apps
App
View App Center
Apps are an easy way to add new features to Canvas. They can be added to individual courses, or to all courses in an account. Once configured, you can link to them through course modules and create assignments for assessment tools.
See some LTI tools that work great with Canvas.
Name
Analytics Beta
Canvas Commons
Canvas Data LTI
CodeLab
Roll call
And now CodeLab is an app that is available in courses.