**Modification Log**

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| --- | --- | --- | --- |
| **Version** | **Modification date** | **Author** | **Comments** |
| 1.0 | July 4, 2016 | Evan Situ |  |
| 1.1 | August 29, 2016 | Evan Situ | Added section 6 and 8 and 1.4 |
| 1.2 | September 13, 2016 | Evan Situ | Added 9. Updating a Global Variable |
| 1.3 | September 16, 2016 | Evan Situ | Added Section 10 Force Check-In |
| 1.4 | September 26, 2016 | Evan Situ | Added 11.Update Course Information Input Template |
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# Introduction

This document is part of MEASURE (McMaster Engineering Accreditation System for UndeRgraduatE). MEASURE is intended to facilitate the continual improvement of the curriculum of the programs offered by the Faculty of Engineering. The MEASURE system will also be used to assist with generating reports for the Canadian Engineering Accreditation Board (CEAB).

This specific document outlines the information needed to Administer MEASURE. The tasks described here are for maintaining MEASURE at the faculty level. Usually these tasks will be completed by the Office of the Associate Dean. Example tasks include adding users, changing passwords, archiving data etc.

# Pre-requisites

1. Access to McMaster Vena <https://vena.io/>
2. Admin access to McMaster Vena to Add or Remove user
3. Modeler/Admin access to run the ETL (Extract, Transform and Load) process
4. “AcademicYearTemplate.csv” to pass parameter into the ETL process
5. Microsoft Excel 2013 or later is recommended
6. Installed Vena Excel add-in <http://addin.vena.io/release/vena.application>
7. Windows operating system
8. Mac user instructions can be found at: <http://measure.mcmaster.ca/>

# Annual Timeline

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Date** | **Task** | **Section Guide** | **Template** | **Task Owner** |
| Early Summer | Archive previous year data | A5 | Academic Year Template | Assoc Dean |
| Summer | Data copied over to next academic year | A4 |  | Assoc Dean |
| Summer | Update global variable to the new year and term | A9 | Input Variables Template | Assoc Dean |
| Summer | Add new courses | A7 |  | Department |
| Summer | Changes to programs (mapping b/w courses and programs) | D5 |  | Department |
| Summer | Update valid course information (section/term) possibly instructor | ? | Template discussed on Sept 26 – validation template to be added, not sure about instructor information? | Department |
| Summer | Update curriculum mapping, will require consultation and verification with Instructors | D2.3 | Curriculum Mapping Input Template | Department Attributes Committee |
| Summer | Update measurement mapping | D2.2 | Measured Indicators Input Template | Department Attributes Committee |
| Aug/Sep | Instructor reviews continuous improvement plan from the previous year and assigned indicators | I3.1 | Curriculum Committee Recommendations Report (Previous Year), Measurement Map Report? Rubric Input Template? | Instructor |
| Jan | Instructor enters rubric and their continuous improvement plan for Term 1 | I2 | Rubric Input Template, Course Report | Instructor |
| March | Update global variable for the new term (after Term 1 data entry is complete) | A9 | Input Variables Template | Assoc Dean |
| Dec/Jan | Instructor reviews continuous improvement plan from the previous year and assigned indicators | I3.1 | Curriculum Committee Recommendations Report (Previous Year), Measurement Map Report? Rubric Input Template? | Instructor |
| Early May | Instructor enters course reports for Term 2 | I2 | Rubric Input Template, Course Report | Instructor |
| May | Curriculum committees review course reports, generate continuous improvement plan report | I4, D3 | Course Report, Curriculum Committee Recommendations Input Template | Department |
| June | Meeting of continuous improvement committee (external advisors students) |  | Historical Course Measurement Report, Historical Program Measurement Report, Course Reports | Department |
| June | Departments plan curriculum revisions |  |  | Department |
| September | Faculty reviews departmental committee reports, writes report |  | Faculty Recommendations Input Template | Faculty |
| All Year | Add/Remove manage users | A2 |  | Assoc Dean? |
|  | View Historical Data | A6 |  |  |
|  | Assign Users to Process | A3 |  |  |
|  | Report writing |  | Attribute Map Report, Attribute Map Summary Report, Course Report, Curriculum Committee Recommendations Report, Historical Course Measurement Report, Historical Program Measurement Report, Indicator Map Report, Faculty Recommendations Input Template |  |

# Add User

* 1. Login to <https://us1.vena.io/administrator>
  2. Under “Admin” 🡪 “Users” 🡪 “Add User”



* 1. Fill in the user information and select the login types 🡪 Click “Save”



# 

# Assign User to Process

* 1. After login to Vena 🡪 Under “Manager”🡪Click “Designer”🡪Click on the task or activities you want to assign users to.



* 1. Double Click on the Task 🡪on the “Task Detail” windows 🡪 Click “Users”🡪Type the User name that you want to add (you can add users to different roles in the process (Owners, Support Workers, Watchers), please refer to the detail documentation for the differences of each role 🡪 Click “Save”



# 

# Department Input

1. Update Current Year Variable
   * 1. The current year variable drives some of the reports, therefore it is important to update this variable at the beginning of the process
     2. After logging in to Vena 🡪 Select Task “Update Current Year Variables”🡪Check Out the input template, when you Check Out a file you are the only one who can edit it



* + 1. Enter the current academic year in the format (yyyy-yyyy) and current year default in the format (yyyy-yyyy Default)🡪 Click “Save Data” under “Vena” Tab and “Check In” the file 🡪Submit the process at Vena front end to finish this task



* + 1. After Submit the process, the status should show as “Submitted”



# Start New Academic Year

* 1. Since the current year’s curriculum mapping, measured as well as rubric information will be used as the starting point for a new academic year. An automated ETL process in Vena is built to accomplish this task.
  2. Open the input template “AcademicYearTemplate.csv” 🡪enter the new academic year data in cell “A1” (format yyyy-yyyy) 🡪 Save



* 1. Click on “Modeler” 🡪 “Data Modeler” 🡪 “ETL” 🡪 “Import”🡪Click the “Run” button () on “New Academic Year”



* 1. On the open windows, click “Choose File”🡪select the “AcademicYearTemplate.csv” from step 2 🡪 Click “Import”



* 1. You will now see the ETL Status “RUNNING” 🡪 once the ETL job is completed, the status will become “COMPLETED” (it will take about 5-10 minutes to complete the ETL job, you can click the refresh button above the “Status” to refresh)
  2. 



* 1. After the ETL is completed, you should see the data appear under the “Year” dimension



# 

# Historical Program Measurement Archive

* 1. Please only archive the program measurement when the program is fully completed. The purpose of archiving the program measurement data is to track the historical trend of a program.
  2. The purpose of archiving the data is so that the historical program measurement report can be generated.
  3. Open the input template “AcademicYearTemplate.csv” 🡪enter the new academic year data in cell “A1” (format yyyy-yyyy) 🡪 Save



* 1. Click on “Modeler” 🡪 “Data Modeler” 🡪 “ETL” 🡪 “Import”🡪Click the “Run” button () on “Historical Program Measurement Archive”



* 1. You will now see the ETL Status “RUNNING” 🡪 once the ETL job is completed, the status will become “COMPLETED” (it will take about 5-10 minutes to complete the ETL job, you can click the refresh button above the “Status” to refresh)

# Historical Program Measurement Report

Once the archive is completed, the historical program data will be available in the “Historical Program Measurement Report”. (The historical program measurement report will not work for any year’s data that has not yet been archived.)

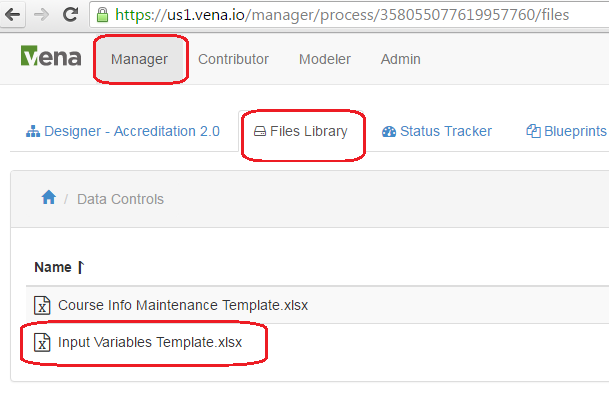


# Updating a Global Variable

Below are the steps to successfully update a Global Variable:

(Updated the term global variable will help to prevent enter the incorrect term/year in the input templates)

* 1. Open your Vena Global Variable template “Input Variables Template” (you can find this template at Manager🡪Files Library)



* 1. Select the cell with the value of the Global Variable 🡪Click “Edit Template”



* 1. Click on Add/Edit Variable -> Metadata (must be in Edit Template mode)



* 1. Update the respective variable with the new member (only a single member can be in a global variable)



* 1. Close the variable window and Save Template

# Force Check-In

A task has been checked out by a user who is unavailable and it needs to be checked back in. Please follow the following steps:

* 1. Login as a manager
  2. Go to Status Tracker
  3. Find the checked-out task assigned to the user
  4. Right click on the status of the task and hit Force Check-In

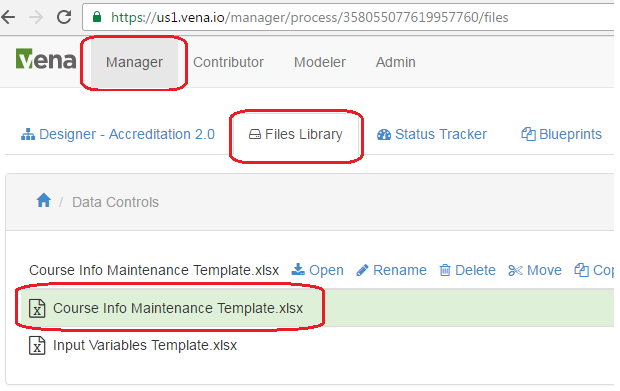


# 

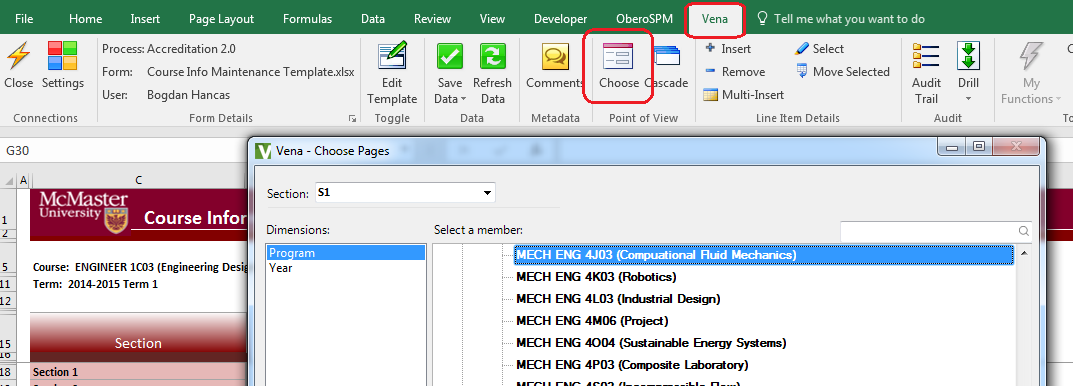
# Update Course Information Input Template

In order for the name of the instructor to show up on the course report, the “Course Information Input Template” will need to be updated each term.

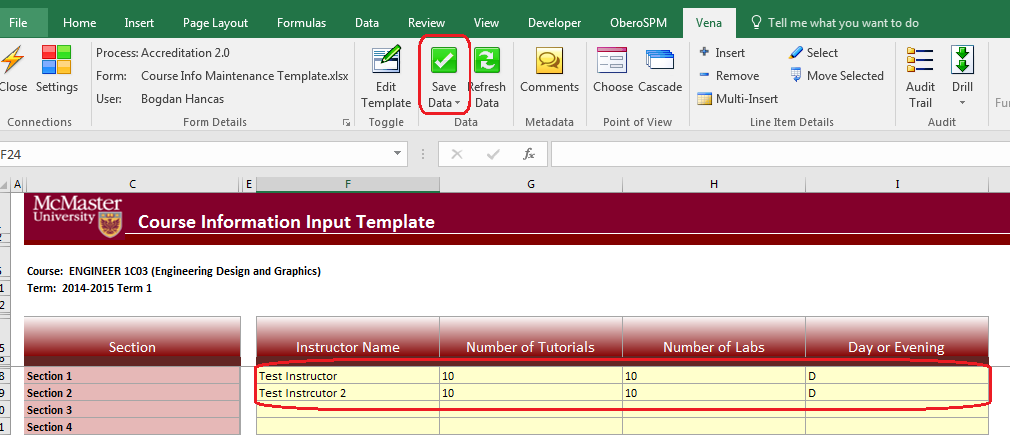
* 1. Sign into Vena.io 🡪Under Manager🡪Files Library🡪Data Controls🡪Open the “Course Information Input Template”



* 1. Under “Vena” Tab Click “Choose”🡪 Pick the course and the year you want to edit



* 1. Enter the required information 🡪 Click “Save Data”



# Other Vena Resources

* 1. For detail documentation, please refer to the previous document.
  2. To submit an issue, please fill out <http://goo.gl/forms/I3kDnsUl46>
  3. For Vena training or user manual, please refer to <http://docs.vena.io/>
  4. For other helps please contact:
* Bogdan Hancas: [bhancas@venasolutions.com](mailto:bhancas@venasolutions.com)
* Evan Situ: [esitu@venasolutions.com](mailto:esitu@venasolutions.com)