# MEDICOL Technical Design Document – Update for 2016/2017 Academic Year

JUNE 1, 2016

*MedIT*

## INTRODUCTION

The objective of this document is to define changes to the deployment of MEDICOL as of Fall 2016 for the 2016/2017 Academic Year. This will be the second year of the Faculty of Medicine's new curriculum.

These changes will follow those introduced to MEDICOL for the 2015-2016 Academic Year.

## COURSES

The Year 2 curriculum in MEDICOL will be represented by a new blank MEDICOL – Year 2 course. The previous year MEDICOL – Year 2 will be kept as the archive of that year.

The new curriculum MEDICOL – Year 2 will retain the 'MEDICOL – Year 2' title. The previous year 2 course will be renamed to 'MEDICOL – Year 2 (old curriculum)', or something similar.

The previous new curriculum MEDICOL – Year 1 course will be split in two: A MEDICOL – Year 1 for general content and MEDICOL – Year 1 Portfolios for Portfolios and associated content.

FLEX/FoS: The existing MEDICOL Year 1 FLEX course will be renamed as 'MEDICOL – Year 2 FLEX/FoS'. This will retain student access to their Notebooks. A new MEDICOL FLEX/FoS course will be created for the new 2020 cohort of students. This course will contain both FLEX/FoS content and the Notebook. This process will continue for future courses.

Portfolios: The existing MEDICOL – Year 1 will be split in two: MEDICOL – Year 1 (containing content) and MEDICOL – Year 2 Portfolios (containing class of 2019 Portfolios). A new Portfolio course will be created for the new Year 1 cohort of students. The students will use this course for their Portfolios throughout the entire MDUP.

## COURSE ACCESS

**Students:**

*General Principles:*

- *Students are enrolled in their current and previously taken courses.*
- *Students will only see content relevant to the curriculum stream they are in(ie new vs old curriculum).*

Starting in the 2015-2016 academic year, Year 1 students are enrolled only in the new MEDICOL – Year 1 courses. This will continue for the 2016-2017 Academic Year.

Year 1 students enrolled in MEDICOL Year 1 for 2016/2017 will have an archive of 2015/2016 Weekly Materials as part of the course.

New Year 2 students (previously new Year 1 students) will continue to be enrolled in the (new) MEDICOL Year 1 course.
New Year 2 students will not have access to previous old MEDICOL – Year 2 course, as it is the old curriculum.

Year 3 and Year 4 students will continue to the see old MEDICOL Year 1 and old MEDICOL – Year 2 courses. That is, they will have access to the Year 1 and Year 2 curriculum as they experienced it.

**Administrative Management of students:**
The MEDICOL courses will be linked to SIS sections using CTC3 for student course enrollments. One connection per MEDICOL course is required. Although students are registered in multiple SIS sections that represent their academic year (8 in the old curriculum, 4 in the new curriculum), only one link is needed as students are enrolled in all courses. Year 1 will use MEDD410 and MEDD419, Year 2 will use MEDD420 and MEDD429.

**Faculty/Staff:**
*General Principles:*

- *Faculty and staff will experience the MD Undergraduate Program as it exists at the moment: Year 1 and Year 2 new curriculum, Year 3 and Year 4 old curriculum.*

Faculty and staff with read-only access to Year 2 will only be enrolled in the new MEDICOL – Year 2 course. They will not be enrolled in the previous MEDICOL – Year 2.

Medicol Maintainers of Year 2, will see both MEDICOL – Year 2 courses. They will be working in the new MEDICOL Year 2, but can use the old Year 2 as a reference. They will have read-only access to the old MEDICOL – Year 2.

MEDICOL Year 1 (previous curriculum) will now be obsolete and not available for general access. Access will be granted on request.

## COURSE CONTENT

### WEEKLY MATERIALS

All weekly content will appear in one 'Weekly Materials' area within the course. That is, weekly content that was previously spread out into FMED, longitudinals, and lab areas, will now appear all in one place.

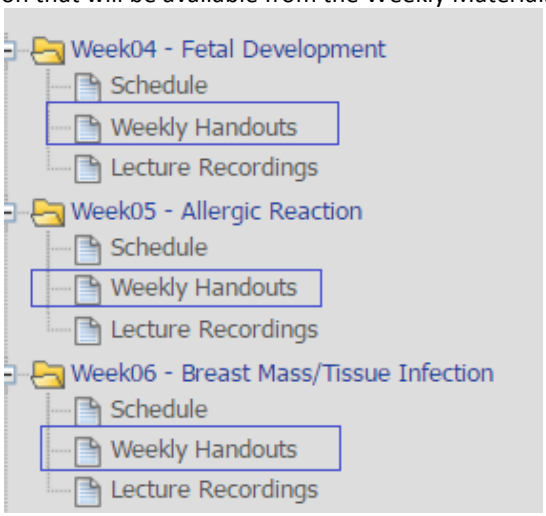
Lecture handouts will no longer be linked directly in the course. They will be available as downloadable files in the Content Collection and identified as 'Weekly Handouts'

Naming Convention:
Lecture Handouts file names will be prepended with the week and a number the represents the day of the week and a Learning Event counter for that day.

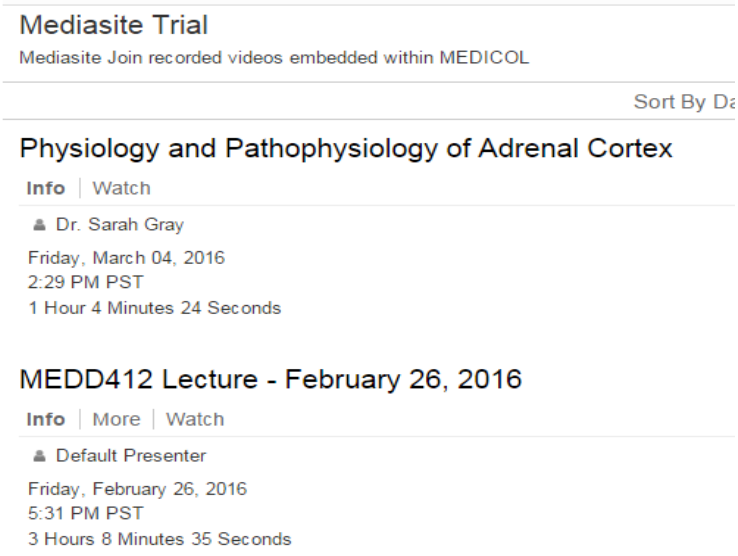
*Example:* In week 005 of MEDD411, Dr. Ann Junker has a session on Monday morning. It is the second Learning Event of the day, and so is has preface of 005-1.2. Note that the first Learning Event of the day (CBL Tutorial) has no associated materials but is still accounted for as 005-1.1. The remainder of the name is the topic plus presenter.

Non Learning Events, such as lunch time speeches or treasure hunts that may be on the schedule, do not count as a Learning Event and are not counted.

Lecture Recordings will not be individually linked in Weekly Materials, but will be delivered in a separate application that will be available from the Weekly Materials folder.



**Lecture Recordings**



### CLINICAL EXPERIENCES

Previous Clinical Skills (INDE) and Family Practice (FMPR) will be represented in the new MEDICOL structure in a 'Clinical Experiences' area. This will contain student specific schedules, student guides, and whatever material is not appropriate for the course level or student guides folder.

### LAB RESOURCES

Previous Histology and Anatomy content will be made available as part of Weekly Materials and in the Lab Resources folder where applicable.

### LEARNING RESOURCES - ONLINE MODULES, VIRTUAL PATIENTS, PODCASTS

Additional static resources will be gathered together into a common area that can be referenced from anywhere. That is, these resources will no longer be associated with a specific block such as IDMM or CV. Content Collection location: /Medicine/mdup/learningresources

## COURSE GROUPS

Course group membership in MEDICOL will be controlled from FoMIDM. These groups are used for Adaptive Release and Grade Centre Smart Views.

Groups in MEDICOL:

- Year – MEDICOL Year 1 through 4
- Site – All years
- Portfolio Coaches – MEDICOL Year 1 and 2
- FLEX Advisors – MEDICOL Year 1 and 2 FLEX/FOS
- FLEX CAFLS – MEDICOL Year 1 and 2 FLEX/FOS

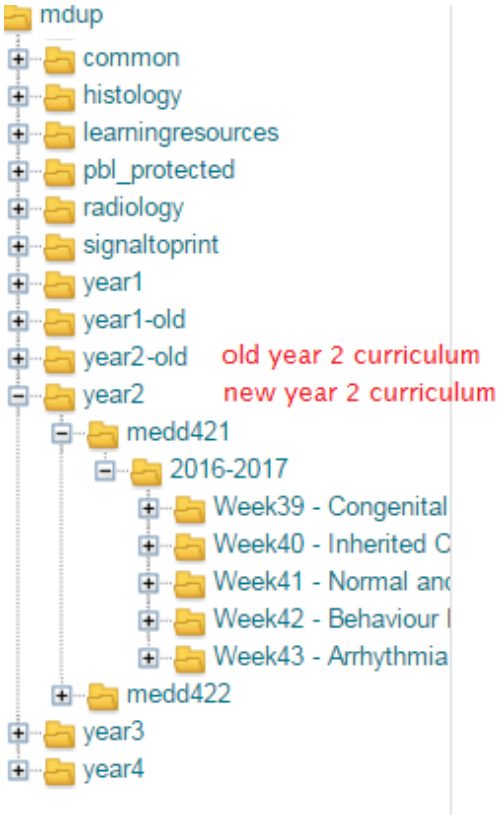
*Student attributes are populated in FoMIDM from the mdup year1/year2 spreadsheets on SharePoint. This will continue with the new intake. However, as the year progresses, FoMIDM may get out-of-sync with the spreadsheets. Consideration needs to be given to keep FoMIDM student attributes up-to-date, as it will considered the 'source-of-record' for student membership in course groups in MEDICOL.*

## CONTENT COLLECTION

### CONTENT COLLECTION ORGANIZATION

The new folder structure developed for the new curriculum has been extended to include the new Year 2. Content will be created as new or copied from the old structure as needed. Eventually and gradually the new structure will replace the old.

The *learningresources* folder will continue to be house static educational content, such as VPs and Podcasts, that are re-used yearly.




## CONTENT VIEWS

Users will only see the content that is relative to them. That is, new Year 1 and Year 2 students will not have access to the old Year 1 and Year 2 folders or the existing Year 3 – Year 4 folders in the Content Collection.

A new Year 1 student will be able to browse the following folders:

/mdup/common
/mdup/year1
/mdup/learningresources

An old Year 1 student(current Year 2 student) will be able to browse the following folders:

/mdup/common
/mdup/year1
/mdup/year2
/mdup/learningresources

New Year 3 and Year 4 students will be able to browse the following folders:

/mdup/common
/mdup/year1-old
/mdup/year2-old

/mdup/year3
/mdup/year4
/mdup/learningresources

All staff will see all current content in the Content Collection
/mdup/common
/mdup/year1
/mdup/year2
/mdup/year3
/mdup/year4
/mdup/learningresources

## METADATA

A simplified Metadata Attribute template was developed and implemented as of the 2015-2016 academic year This template will be continued.

## PORTFOLIOS/FLEX

**FLEX Activity Repository**
The WordPress FLEX Activity Repository will continue as is. It is not year sensitive.

**FLEX Activity Registry**
The FLEX Activity Registry will be modified to work in a multi-academic year environment. FLEX Activities will be designated as Public Multi-Year, Public Single, and Student Led. Public Multi-Year will always be in the current FLEX academic year. Public Single can be copied to a new academic year and counters reset.

Students will need to register for the new academic year during the current academic year. That is, Year 1 students will need to register for Year 2 MEDD429 Activities while they are still active Year 1 students working through MEDD419.

Students will be able to create their own 'Student-Led' Activities and have them appear in the Registry. Students will be able to edit and delete their proposed activities until they are approved.

**FLEX Notebooks**
The FLEX curriculum is not limited to a specific year. MEDICOL will deploy FLEX courses such that the FLEX course follows the student:

Three options for ongoing use of Portfolios were presented to the FLEX directors, with one of them being recommended. The FLEX directors acceped the recommendation*(course follows student)*. See here (option 1).

- Students will have all of their Notebook content in one Connect course.

- There will be one FLEX Connect course per cohort of students (*where a cohort is: 'GradYear=2019'*).
- Students will need to internally organize their Notebooks for the different academic years/courses.
- Course content for FLEX/FoS will be in the same course as the Notebook.
- Advisors/CAFLs will need to be enrolled in the the same FLEX course as their students.
- Adivisors/CAFLs have access to all Notebooks in the cohort year of their students.
- Advisors/CAFLs do not have access to Notebooks for other cohorts or other Years. .
- Advisor/CAFL group names could be confusing. The same group name could be used in different courses.

**PORTFOLIOS**

MEDD411 and MEDD412 (first year) Portfolios are complete at the end of the year. However, students will continue to need access to them, as well as a place for Year 2 Portfolios.

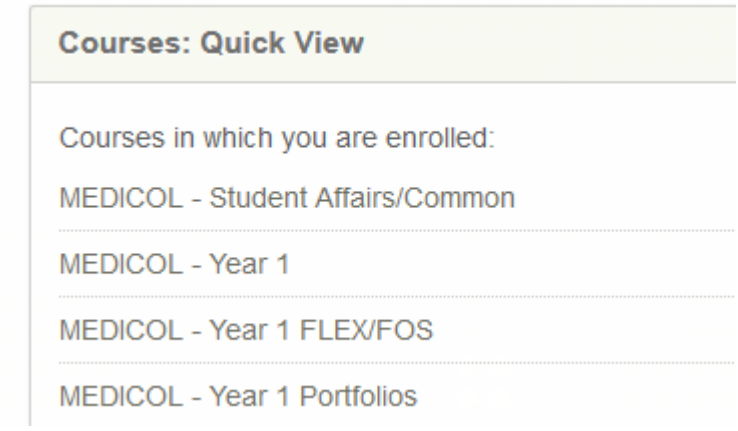
Three options for ongoing use of Portfolios were presented to the Portfolio team, with one of them being recommended. On Mar 2, 2016, the Portfolio team acceped the recommendation. See here(option 3).

For the 2016-2017 academic year and going forward, MDUP students will retain the same Portfolio for all of MDUP. Characteristics of this solution*(course follows student)*:

- Students will have all of their Portfolio content in one Connect course.
- There will be one Connect course per cohort of students (*where a cohort is: 'GradYear=2019'*).
- Students will need to internally organize their Portfolio to differentiate academic years.
- Course content is in a different course than the Portfolio.
- There may be problems as to where to place Portfolios for MDPhd and LOA students.
- Coaches will need to be enrolled in the Portfolio course for their students as well as the standard MEDICOL courses.
- Coaches have access to all Portfolios in the cohort year of their students.
- Coaches do not have access to Portfolios for other cohorts or other Years. .
- Portfolio Group names could be confusing. The same group name could be used in different courses.

## STUDENT COURSE ENROLMENTS

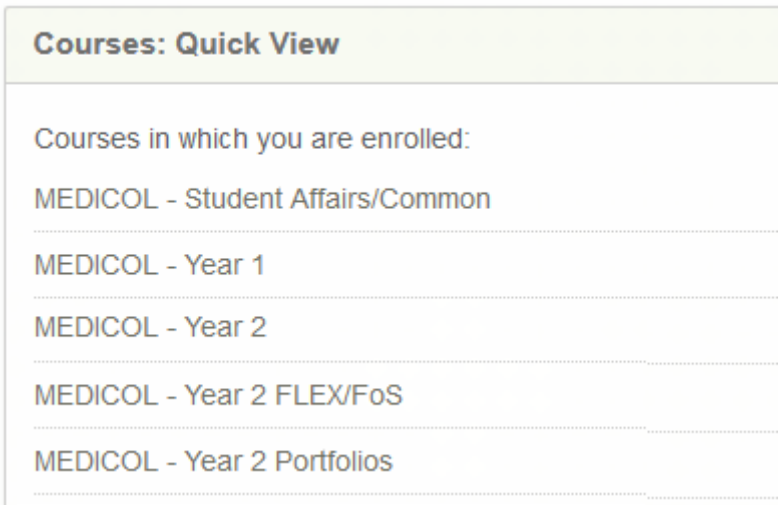
**Year 1 student:**



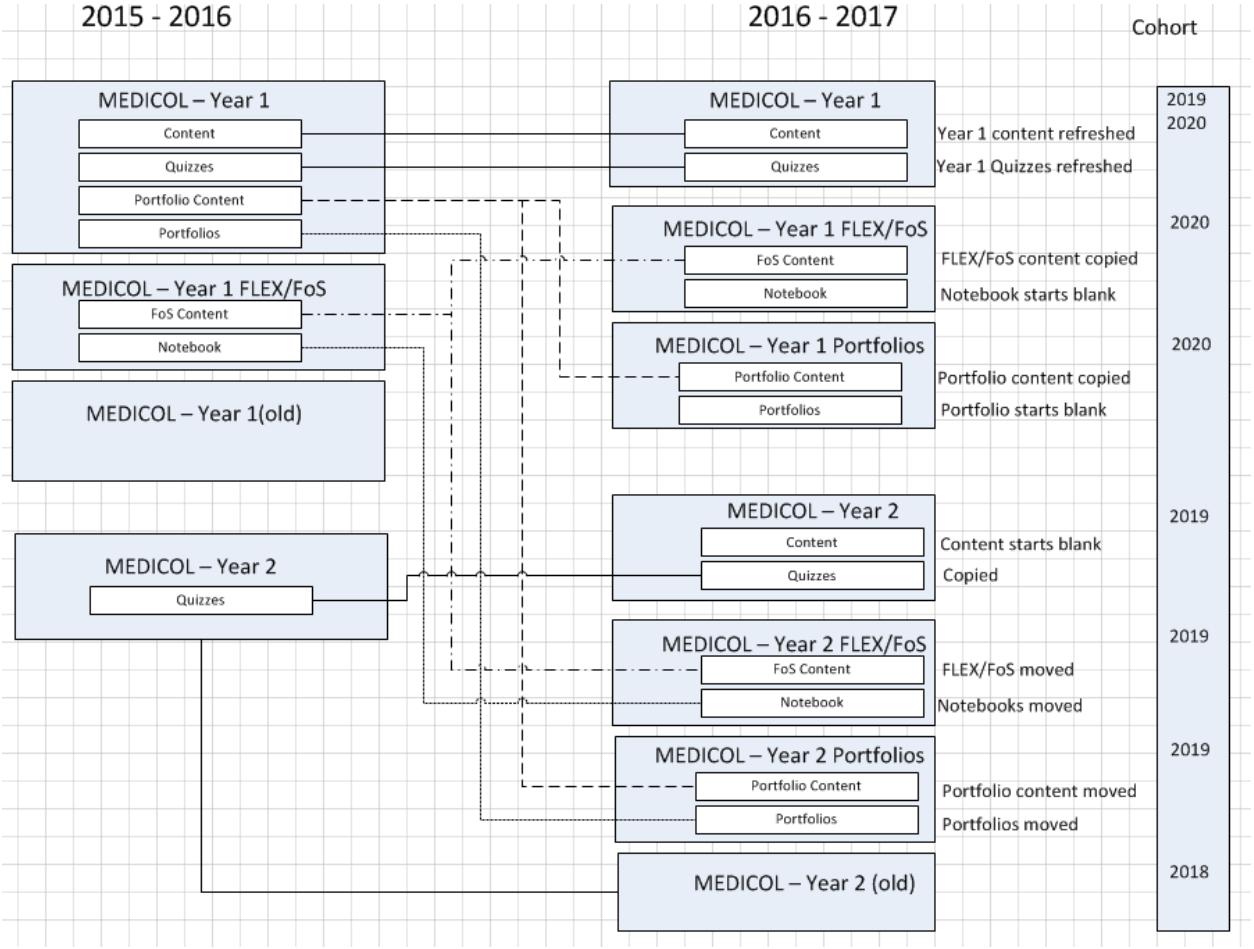
Notes:

- Year 1 content is separate from Portfolios

**Year 2 student:**




Notes:

- *MEDICOL – Year 2 FLEX/FoS* is a continuation of MEDICOL Year 1 FLEX/FoS. The course will be renamed. All of the Notebooks from Year 1 are in this course.
- *MEDICOL – Year 2 Portfolios* contains all the Portfolios from Year 1 as well.

Course Migration mapping: