

# HOW...

... M4 grades are assigned.

Starting in academic year 15-16 with the class of 2016, individual course directors assigned M4 grades when they completed the M4 Summative Assessments and submitted them in One45®.

Occasionally, there was variability between scores given on the 1 to 9 scales for CMSRU's 9 MD Program Objectives in the top part of the assessment and the recommended clerkship grade at the bottom was seen. An "average" fourth-year student is expected to receive 6s in the M4 year.

Sometimes, however, a student with an average of 8, or Excellent, might receive a Pass, rather than High Pass. Or, vice versa, a student with an average of 5, or Satisfactory, might receive an Honors, rather than a Pass.

To avoid these kinds of scoring disconnects, the Curriculum Committee approved a change to the M4 grading process, beginning in academic year 18-19.

Using the M4 Summative Assessment form, faculty preceptors who interact directly with the students score the students on program objective competency. The course director reviews and synthesizes preceptor assessments any other course-specific assessment tools to determine the final rotation scores. The course director submits a final M4 Summative Assessment in One45. A faculty narrative must be submitted as part of the summative assessment.

The revised form is shown below.



\* indicates a mandatory response

M4 Summative Assessment

Directions: Please rate your M4 student in this educational activity in the following categories. This final summative assessment is based on your interpretation of their individual assessment performance during educational activities. A faculty narrative is also expected with this assessment.

Your provided scores below will be averaged to determine the student's final grade for the educational experience (Please note that N/As will not be counted in the final grade calculation).

- 1 to 3.99 = Unsatisfactory Remediable (UR)
4.00 to 5.99 = Pass (P)
6.00 to 7.50 = High Pass (HP)
7.51 to 9 = Honors (H)

Guidelines for Assessment:

The "average" for each objective is expected to be "6" in the M4 year.

- 1 The student has not performed at a level in this area to warrant the awarding of the MD degree.
2 The student has not performed at a level in this area to warrant passing the clerkship.
3 The student has performed below the level of an average third year medical student.
4 The student has performed at the level of an average third year medical student.
5 The student has performed slightly below the level of an average fourth year medical student.
6 The student has performed adequately at the level expected of an average fourth year medical student.
7 The student has performed slightly above the level expected of an average fourth year medical student.
8 The student well exceeded expectations in performance.
9 The student performed at the level of an experienced PGY 1 (intern)

\*Clerkship or Elective:

[Text input field]

\*Location:

[Text input field]

\*Was formative feedback delivered to this student by faculty during his/her educational experience?

- No
Yes

Table with 11 columns (n/a, Needs Improvement, Needs Improvement, Needs Improvement, Satisfactory, Satisfactory, Satisfactory, Excellent, Excellent, Excellent) and 5 rows of assessment categories with radio button options for each rating.

		1	2	3	4	5	6	7	8	9
	n/a	Needs Improvement	Needs Improvement	Needs Improvement	Satisfactory	Satisfactory	Satisfactory	Excellent	Excellent	Excellent
*Systems-Based Practice: The student demonstrates an awareness of and responsiveness to the larger context and system of health care, as well as the ability to effectively utilize other resources in the system to provide optimal health care.	<input type="radio"/>									
*Scholarly Inquiry: The student demonstrates an ability to frame answerable questions, collect and analyze data and reach critically-reasoned, well founded conclusions in order to advance scientific knowledge in general and the care of individual patients and populations.	<input type="radio"/>									
*Health Partnership: The student demonstrates the ability to deliver high-quality, comprehensive, cost-effective, coordinated ambulatory care and community-oriented health education to underserved urban and rural populations.	<input type="radio"/>									
*Learning and Working in Teams: The student demonstrates the ability to work as a member of a team in the coordinated, interprofessional model of care delivery.	<input type="radio"/>									

\*Comments regarding overall student performance:

Feedback on areas of needed improvement and/or continued growth:

Please list the names of all faculty preceptors who contributed to this assessment below:

\*Electronic Signature of Submitting Faculty (Please type in your name below)

**The following will be displayed on forms where feedback is enabled...**  
(for the evaluator to answer...)

\*Did you have an opportunity to meet with this trainee to discuss their performance?

Yes

No

There is no final grade option on the revised summative assessment. The Director of Assessment will assign the student's final grade based on an average of those numbers submitted by the course director. The CMSRU M4 Summative Assessment final score will be calculated by taking the average of all scores related to the 9 CMSRU MD program objectives that the course director submits on the M4 Summative Assessment.

Available grades for 4-week courses will be Honors (H); High Pass (HP); Pass (P); and Unsatisfactory Remediable (UR). Available grades for 1-week and 2-week courses will be Pass (P) and Unsatisfactory Remediable (UR).

The Not Applicable (NA) option exists on the CMSRU M4 Summative Assessment for faculty preceptors or directors who feel that they cannot assess a student in one or more of the 9 MD program objectives related to their clerkship, sub-I, or elective. NA items will not count toward the student's final score in any way. However, at least one of the 9 MD program objectives should relate to all educational experiences, so a student should never receive only NA's on an assessment.

Once the assessments are submitted in One45, the Director of Assessment assigns the student's final grade based on an average of the numbers submitted by the course director.

For example, a student receives the following scores on the M4 Summative Assessment.

	n/a	1 Needs Improvement	2 Needs Improvement	3 Needs Improvement	4 Satisfactory	5 Satisfactory	6 Satisfactory	7 Excellent	8 Excellent	9 Excellent
*Medical Knowledge: The student demonstrates knowledge of existing and evolving scientific information and its application to patient care.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
*Patient Care: The student demonstrates an ability to provide patient care for common health problems across disciplines that is considerate, compassionate, and culturally competent.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
*Professionalism skills: The student demonstrates a commitment and an ability to perform their responsibilities with respect, compassion and integrity, and unconditionally in the best interest of their patients.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
*Interpersonal and Communication Skills: The student demonstrates the ability to effectively communicate and collaborate with patients, families and healthcare professionals.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
*Practice Based Learning and Improvement: The student demonstrates the ability to investigate and evaluate their care of patients, appraise and assimilate scientific evidence and continuously improve patient care based on constant self evaluation and life long learning.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

		1	2	3	4	5	6	7	8	9
	n/a	Needs Improvement	Needs Improvement	Needs Improvement	Satisfactory	Satisfactory	Satisfactory	Excellent	Excellent	Excellent
*Systems-Based Practice: The student demonstrates an awareness of and responsiveness to the larger context and system of health care, as well as the ability to effectively utilize other resources in the system to provide optimal health care.	○	○	○	○	○	○	○	✕	○	○
*Scholarly Inquiry: The student demonstrates an ability to frame answerable questions, collect and analyze data and reach critically-reasoned, well founded conclusions in order to advance scientific knowledge in general and the care of individual patients and populations.	○	○	○	○	○	✕	○	○	○	○
*Health Partnership: The student demonstrates the ability to deliver high-quality, comprehensive, cost-effective, coordinated ambulatory care and community-oriented health education to underserved urban and rural populations.	○	○	○	○	○	○	✕	○	○	○
*Learning and Working in Teams: The student demonstrates the ability to work as a member of a team in the coordinated, interprofessional model of care delivery.	○	○	○	○	✕	○	○	○	○	○

5+6+9+7+6+7+5+6+4=55.  $55/9=6.1111$  (6.10, standardized rounding). Based on the example described here and shown in the table below, in a 4-week course, 6.10 will equal a grade of High Pass. In a 1-week or 2-week course, 6.10 will equal a grade of Pass.

#### CMSRU M4 Summative Assessment Grade Equivalency Table

4-week courses		1-week & 2-week courses	
Score	Grade	Score	Grade
1.00-3.99	Unsatisfactory remediable (UR)	1.00-3.99	Unsatisfactory remediable (UR)
4.00-5.99	Pass (P)	4.00-9.00	Pass (P)
6.00-7.50	High pass (HP)		
7.51-9.00	Honors (H)		

Factoring of individual student assessment performance on course-specific items like exams or quizzes on the CMSRU M4 Summative Assessment is at the discretion of the faculty director.