



Mapping the Evolution of the Rutgers SHP MS in Clinical Research Management Program Towards the Globally Accepted Clinical Research Professional Competencies

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Introduction:

As the field of clinical research grows, so does the need for adept individuals with the necessary skillset. To meet career demands, the MS Clinical Research Management (CRM) Program is seeking accreditation by mapping the core course assessments with the framework developed by the Joint Task Force (JTF) for Clinical Research Professional Competencies seeking alignment with fundamental, skilled, and advanced levels across eight domains.

Methods:

This case study maps three of the Fall 2020 CRM core courses (Regulatory and Ethics, Research Design and Clinical Operations) to the JTF framework. An excel database was generated to include an overview of each course assessment and confirmed with course instructor. The data was compiled to group similar assessments. Each assessment was mapped to the JTF competencies and a gap analysis was performed.

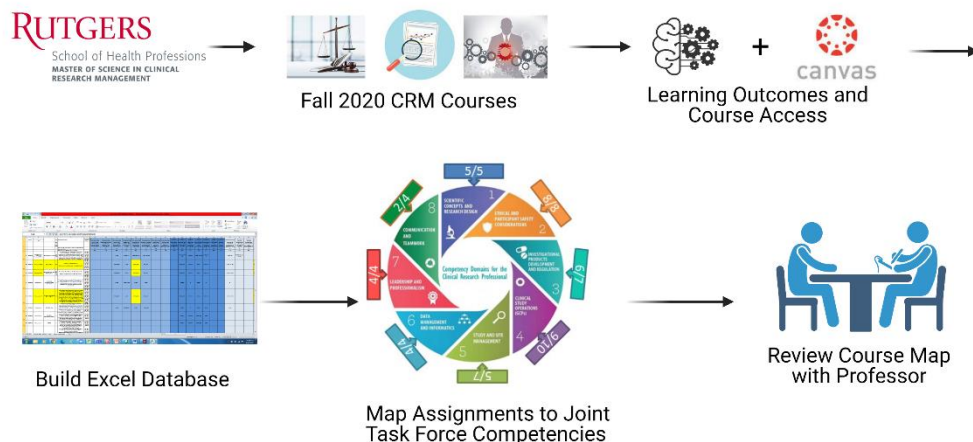
Results:

Gaps exist across five of the 47 leveled competencies between four of the 8 JTF domains from the Fall 2020 course term.

Regulatory and Ethics mapped to 198 fundamental, 104 skilled, and 13 advanced levels; Research design mapped to 87 fundamental, 20 skilled, and 4 advanced levels; Clinical Operations mapped to 104 fundamental, 96 skilled, and 58 advanced levels within the JTF competencies.

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Results: Domains Fulfilled 8/8=100%

Competencies Mapped 42/47= 89%

Skill Levels Mapped:
Fundamental= 389
Skilled= 220
Advanced=75

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Conclusion:

Based on two introductory and one advanced core courses the MS CRM program is at an 89% fulfillment rate when mapped to the JTF competencies. The introductory courses mapped more to the fundamental and the advanced course mapped more to the advanced level.