



Jordan University of Science and Technology
Faculty of Applied Medical Sciences
Physical Therapy Department

P.T765 Independent Study In Physical Therapy - JNQF Level: 9

First Semester 2024-2025

Course Catalog

3 Credit Hours. This course is offered to meet the learning needs for individualized student that is not offered through the coursework. Student interested in development of learning in special field will choose a topic approved by the course coordinator, conduct literature search, write a term paper in a review form conduct a presentation, or other form of learning activities approved by the course coordinator.

Teaching Method: Blended

Text Book

| | |
|--------------------------|--|
| Title | Practical Evidence-Based Physiotherapy-E-Book: Practical Evidence-Based Physiotherapy-E-Book |
| Author(s) | Herbert, Robert, Gro Jamtvedt, K?re Birger Hagen, and Mark R. Elkins |
| Edition | 3rd Edition |
| Short Name | Ref#1 |
| Other Information | |

Course References

| Short name | Book name | Author(s) | Edition | Other Information |
|------------|--|---|-------------|-------------------|
| Ref#2 | Cochrane handbook for systematic reviews of interventions | Chandler, Jacqueline, Miranda Cumpston, Tianjing Li, Matthew J. Page, and V. J. H. W. Welch | 2nd Edition | |
| Ref#3 | Borenstein, Michael, Larry V. Hedges, Julian PT Higgins, and Hannah R. Rothstein | Introduction to the meta-analysis | 2nd Edition | |

Instructor

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|------------------------|---------------------------|
| Name | Dr. Mohammad Etoom |
| Office Location | - |

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|--------------|---------------------|
| Office Hours | |
| Email | msetoom@just.edu.jo |

| Class Schedule & Room |
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| Section 1: Lecture Time: Mon : 14:30 - 16:30 Room: M4203 |

| Tentative List of Topics Covered | | |
|---|---|---|
| Weeks | Topic | References |
| Week 1 | Physiotherapy Evidence based Practice | From Ref#1 |
| Weeks 2, 3 | Conduction a Systematic review and Meta-analysis | From Ref#1 , From Ref#2 , From Ref#3 |
| Weeks 4, 5, 6 | PRISMA statement for systematic reviews and meta-analysis | From Ref#2 , From Ref#3 |
| Week 7 | CONSORT for reporting Randomized controlled trials | From Ref#1 |
| Week 8 | STROBE for reporting Observational Studies | From Ref#1 |
| Weeks 9, 10, 11 | Individual Studies by students | |

| Mapping of Course Outcomes to Program Outcomes and NQF Outcomes | Course Outcome Weight (Out of 100%) | Assessment method |
|---|--|--------------------------|
| Demonstrate proficiency in selecting relevant topics within the scope of physical therapy practice for further exploration and study. [1L9K2] | 20% | |
| Employ effective strategies to conduct comprehensive literature searches utilizing various databases and resources pertinent to physical therapy research. [1L9S1] | 20% | |
| Critically analyze and evaluate research articles and other scholarly literature relevant to the chosen topic, demonstrating an understanding of research methodologies and their application in physical therapy. [1L9K2, 1L9S1] | 20% | |
| Synthesize findings from the literature review to construct a coherent and well-organized term paper in a review format, adhering to academic writing conventions and ethical standards. [1L9S2] | 20% | |
| Apply principles of effective communication and presentation skills to effectively convey information related to the chosen topic in both written and oral formats. [1L9S1, 1L9C3] | 10% | |
| Develop and deliver a final presentation project that integrates knowledge gained throughout the course, demonstrating the ability to effectively communicate key findings and insights to an audience of peers and instructors. [1L9S2, 1L9C4] | 10% | |

| Relationship to Program Student Outcomes (Out of 100%) | | | | | | | | | |
|--|----------|----------|---------|---------|---------|---------|---------|---------|----------|
| PLO1 - K1 | PLO2- K2 | PLO3- K3 | PLO4-K4 | PLO5-S1 | PLO6-S2 | PLO7-S3 | PLO8-C1 | PLO9-C2 | PLO10-C3 |
| | | | | | | | | | |

| Relationship to NQF Outcomes (Out of 100%) | | | | |
|--|------|------|------|------|
| L9K2 | L9S1 | L9S2 | L9C3 | L9C4 |
| 30 | 35 | 25 | 5 | 5 |

| Evaluation | |
|----------------------------|--------|
| Assessment Tool | Weight |
| Assignments | 10% |
| Final project presentation | 40% |
| Final Exam | 50% |

Date Printed: 2024-10-09