



Please read this document carefully to understand the expectations for this online course experience.

The online delivery format is a **FULLY PARTICIPATORY COURSE** taught by two experienced faculty with mandatory assignments throughout the three weeks as described in the Course Outline below.

COURSE FEES: \$690 (Limited retakes spots available: \$345)

CEUs: All standard courses have been approved as [detailed on our website](#). You will be issued a digital certificate of course completion verifying the full 28 hours upon successful fulfillment of all assignments in this course found in your online Profile-Course History.

COURSE OUTLINE (See Calendar EXAMPLE on page 2):

<p>This course officially begins on Friday with a Synchronous ZOOM Session.</p> <p>You will receive an email from our office one week before the start date with extensive instructions to log into Schoology – be sure to check your spam/junk folder that week!</p> <ul style="list-style-type: none">• Preliminary Tasks: Upload Personal Introduction video and post any questions for the Sync Session #1 by Thursday evening• Friday – Synchronous Session #1: Modules 1-3
<p>WEEK 1 in Schoology:</p> <p>Saturday-Friday – Asynchronous assignments: Modules 5, 7-9 Video Podcasts, self-guided, reflective learning activities, quizzes & discussion board</p>
<p>WEEK 2 in Schoology/ZOOM:</p> <ul style="list-style-type: none">• Saturday-Friday – Asynchronous assignments: Modules 10-13 Video Podcasts, self-guided, reflective learning activities, quizzes & discussion board• Friday – Synchronous Session #2 Extremity Workshop
<p>WEEK 3 in Schoology/ZOOM:</p> <p>Saturday-Friday – Asynchronous assignments: Modules 6, 14 Case Study Video Podcasts & discussion board Q&A</p> <p>Friday – Synchronous Session #3: Module 4 Procedures, Individualized Technique Critique</p>

EVALUATION OF STUDENT LEARNING

Although formal grades will not be given for the course, participation and active engagement of the student throughout all components of the Online Course will be required in order to earn (CEUs) and a Certificate of Completion.

Deadlines for assignments are established to keep work on track and active participation in all online activity will be monitored for completion and must be evidenced to be eligible to receive a certificate of completion for the course.

Student engagement online will be monitored by the faculty member(s), but it remains the responsibility of the student to meet course expectations by particular due dates. Specifically, this will involve:

- Attendance and active participation in all three (3) Synchronous Sessions (ZOOM).
- Completion of learning activities or quizzes based on module video podcasts and posts to the discussion board.

Note: Faculty will pose questions to groups or individuals on the discussion board and during synchronous sessions, making it imperative for the students to complete all assignments and learning activities prior to the due dates found on the course calendar posted in Schoology at the top of the Event listings.

REQUIRED TEXT: Part C Course Manual

The complete course manual is provided digitally through 2 access points in the:

- 1) your online Profile/Course History section when you log in to the MIUSA website and
- 2) in the Schoology “Resources” folder located at the bottom of the Main Menu.

SCHOOLGY <https://mckenzieinstitute.schoology.com/> [You must use this URL]

Extensive instructions with your login credentials to access and navigate Schoology will be EMAILED to you the Friday before the course starts. **Be sure to check your spam/junk folder that week.**

The basics you will need for online work –

- Strong Wi-fi/Internet connectivity
- Up-to-date Web Browser with Javascript and Cookies enabled
- A Webcam and microphone (for synchronous sessions)
- To review all specific technology requirements, visit: [System Requirements \(powerschool-docs.com\)](https://www.powerschool-docs.com)



ZOOM <https://www.zoom.us/>

We will use Zoom for the Synchronous sessions. [Download the Zoom app or appropriate plugin](#) to your PC or device you plan to use for the Sync sessions. Links to register for each Sync session will be posted in Schoology and, once registered, an email will follow with the details to join each session.

IMPORTANT TO NOTE: *You will be required to have your webcam on at all times in Zoom sessions.*

Please be considerate of your attire; dress as you would for an in-person course and minimize distractions i.e., pets, children, etc. We also expect rules of netiquette to be followed i.e., appropriate use of language/tone, avoidance of sarcasm/jokes, and respect for others privacy and information shared, etc.

COURSE CALENDAR EXAMPLE:

REVIEW YOUR COURSE SPECIFIC DATES & TIMES and use a current calendar to map out your specific course dates.

Find and verify the 3 ZOOM Sync Sessions dates in the MIUSA website Course List - Location: Online detail**

A jpg of your course calendar can also be accessed in Schoology in the Course Overview section to download and save.

The due dates (deadlines) for assignments are in blue.

2025		March		2025C301		Module Assignments due by midnight as noted on days listed below. ALL TIMES ARE "EDT": EASTERN TIME ZONE		PART C	
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	MONDAY	TUESDAY
16	17	18	19	20	21	22			
Participants receive email with Schoology access code & tutorial one week before start date. Course begins with a live Sync Session.		Procedure Video access & Podcasts Modules 5, 7-9 available as of course Start Date.	Personal Introductions Questions for Sync #1 : Submit by midnight Thursday →	Course Official Start Date Friday March 21 ⇒	SYNC #1: 3pm-7pmEDT Modules 1, 2, 3				
23	24	25	26	27	28	29			
Module 5 Due: Diff Diagnosis Subgroup OTHER SI Joint		Module 7 & 8 Due: EXT: Epidemiology Characteristics of MDT Syndrome	(Podcasts 10-13 published@5:00am)		Module 9 Due: Assessment				
2025		April							
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	MONDAY	TUESDAY
30	31	01	02	03	04	05			
Module 10 Due: Derangement - Hip, Knee, Ankle		Module 11 Due: Dysfunction - Articular & Contractile	(Podcasts 6, 14 published@5:00am)	Module 12-13 Due: Postural Subgroups OTHER	SYNC #2: 3pm-7pmEDT Modules 5-13				
06	07	08	09	10	11	12			
Module 6 Due: Case Studies - Lumbar				Module 14 Due: Case Studies - Extremities	SYNC #3: 3pm-7pmEDT Module 4 Procedures Patient evals				
COURSE EVALUATION FORM DUE BY MIDNIGHT SUNDAY, 4/13									

28 hours

This course officially begins with a Synchronous Session

Review your specific course 3 live Sync Sessions dates on our website in the Course List Location: Online** detail

MODULES	Delivery	# Minutes	TOPICS
WEEK ONE			
ADVANCED SPINE			
Module 1			Problem Areas and Problem Solving
Module 2	SYNC #1	240	Assessment and Differentiation
Module 3			Management of the MDT Syndromes
Post-Session Quiz		30	
Friday 3:00pm-7:00pm EST			
Module 5	Async		Differential Diagnosis and Subgroups of OTHER
podcast 1		30	<i>OTHER</i>
podcast 2		30	<i>Differentiation of MUR, ANR, Stenosis, Derangement</i>
podcast 3 / Case Study		60	<i>SI Joint</i>
discussion posts/quizzes		60	
EXTREMITIES			
Module 7	Async		Epidemiology / Evidence Base for the Lower Extremity
podcast 1		30	
discussion posts/quizzes		30	EXPOSS Study Quiz
Module 8	Async		Characteristics of the MDT Syndromes
podcast 1		30	<i>Part 1</i>
podcast 2		30	<i>Part 2</i>
discussion posts/quizzes		60	
Module 9	Async		Assessment
podcast 1		45	
discussion posts/quizzes		45	
WEEK TWO			
Module 10	Async		Derangement Syndrome
podcast 1		30	<i>Hip</i>
podcast 2		30	<i>Knee</i>
podcast 3		30	<i>Ankle</i>
discussion posts/quizzes		60	
Module 11	Async		Dysfunction Syndrome
podcast 1		45	<i>Articular and Contractile</i>
discussion posts/quizzes		60	
Module 12 + 13	Async		Postural Syndrome and Subgroups of OTHER
podcast 1		30	
discussion posts/quizzes		15	
<i>Extremity Workshop</i>			
Friday 3:00pm-7:00pm EST	SYNC #2	240	<i>General overview/questions Modules 7-14; Faculty role plays, technique demo, learning activities</i>
WEEK THREE			
Module 6	Async		Case Studies: Lumbar Spine
Podcasts		60	
discussion posts/quizzes		30	
Module 14	Async		Case Studies: Extremities
Podcasts		60	
discussion posts/quizzes		30	
Module 4			
Friday 3:00pm-7:00pm EST	SYNC #3	60	<i>Patient Evaluations</i>
Demonstration, Practical		180	<i>Procedures</i>
TOTAL ONLINE hours:		28	



COURSE GOALS

As its name implies, this course focuses on advanced Mechanical Diagnosis and Therapy for the lumbar spine and an introduction to the application of Mechanical Diagnosis and Therapy for the lower extremities. The goals of this course are that you build on the knowledge and skills that you gained from the MDT Part A by improving your clinical reasoning, enhancing your patient management skills and expanding your knowledge base to include the extremities.

Following attentive participation and completion this course will provide participants with the knowledge, skills and abilities to:

Lumbar Spine

1. Identify, analyse and discuss common problems encountered in the application of Mechanical Diagnosis and Therapy for the lumbar spine.
2. Analyse and discuss the MDT assessment in a biopsychosocial framework and explore how it is used to differentially diagnose and determine classification.
3. Analyse and discuss the MDT management principles of Derangement, Dysfunction and Postural Syndrome with focus on reassessment, the progression of forces, recovery of function and prophylaxis.
4. Perform MDT procedures for the lumbar spine at an advanced level and be able to identify and analyse problems with their application.
5. Recognise the criteria of the subgroups of OTHER and understand how to differentiate from the Syndromes
6. Analyse and discuss case studies of patients presenting with lumbar spine symptoms to differentiate and determine classification and management.

Lower Extremities

1. Describe the major epidemiological factors associated with lower extremity conditions.
2. Describe and discuss the current evidence base for the use of MDT for lower extremity musculoskeletal disorders.
3. Describe and differentiate the characteristics of Derangement, Dysfunction and Postural Syndromes as they present in the lower extremity.
4. Perform a spinal assessment and analyse the findings to differentiate between symptoms that are lumbar spine in origin or are arising from lower extremity structures
5. Perform and analyse MDT assessments for lower extremity musculoskeletal disorders and determine the presence of McKenzie Syndromes.
6. Design appropriate management programmes for patients who present with Derangement, Dysfunction and Postural Syndromes.
7. Recognise the presentation of the subgroups of OTHER in the lower extremity, and understand the criteria for diagnosis and management options.
8. Analyse and discuss case studies of patients presenting with lower extremity symptoms to differentiate, and to determine classification and management.

➔ MODULE ONE **PROBLEM AREAS AND PROBLEM SOLVING**

OBJECTIVES

With sufficient time to/for practice, participants will be able to meet/achieve the following objectives:

1. Identify and discuss the common problems encountered with the McKenzie assessment and classification of patients who present with lumbar spine disorders.
2. Identify, analyse and discuss the common problems with the MDT management of patients who present with lumbar spine disorders and use MDT clinical reasoning principles to identify appropriate solutions.
3. Compare and contrast individual areas of difficulty with those commonly encountered.



➔ **MODULE TWO**
ASSESSMENT AND DIFFERENTIATION

OBJECTIVES

With sufficient time to/for practice, participants will be able to meet/achieve the following objectives:

1. Demonstrate an advanced understanding of the clinical significance of the components of the MDT assessment in a biopsychosocial context.
2. Demonstrate an advanced understanding of how the findings of the MDT assessment assist in differentiating between symptoms that are lumbar spine in origin or are arising from lower extremity structures.
3. Analyse how the MDT assessment helps to identify precautions and contraindications to mechanical therapy in patients presenting with lumbar spine symptoms.
4. Demonstrate competence in using McKenzie terminology when completing a Lumbar Assessment form.
5. Analyse a completed McKenzie Lumbar Assessment form to determine the correct McKenzie classification.

➔ **MODULE THREE**
MANAGEMENT OF THE MDT SYNDROMES

OBJECTIVES

With sufficient time to/for practice, participants will be able to meet/achieve the following objectives:

1. Compare and contrast the management principles for the 3 syndromes.
2. Analyse the role of force progressions and force alternatives and their implementation in the management of patients with MDT.
3. Identify the components of the Re-assessment process, analyse and interpret the findings to confirm classification and guide further management
4. Summarise the components of Recovery of Function and Prophylaxis and discuss the implementation of these in management.

➔ **MODULE FOUR**
LUMBAR SPINE PROCEDURES

OBJECTIVES

With sufficient time to/for practice, participants will be able to meet/achieve the following objectives:

1. Effectively instruct the self-treatment procedures for the lumbar spine, identify difficulties in performance and problem solve as required.
2. Effectively perform the clinician procedures for the lumbar spine, analyse and correct errors with performance.
3. Understand the indications for the application of each procedure, interpret the response and discuss implications.

➔ **MODULE FIVE**
DIFFERENTIAL DIAGNOSIS AND SUBGROUPS OF OTHER

OBJECTIVES

With sufficient time to/for practice, participants will be able to meet/achieve the following objectives:

1. Discuss the criteria of the subgroups of OTHER.
2. Analyse the findings of the MDT assessment to differentiate MDT syndromes from subgroups of OTHER.
3. Perform the pain provocation tests for the sacro-iliac joint, interpret the results, discuss classification and management
4. Discuss the management of each subgroup of OTHER integrating MDT principles.



➔ **MODULE SIX
CASE STUDIES**

OBJECTIVES

With sufficient time to/for practice, participants will be able to meet/achieve the following objectives:

1. Analyse case studies presented on McKenzie Assessment forms and using MDT clinical reasoning principles determine the presence of Derangement, Dysfunction and Postural Syndrome.
2. Analyse case studies presented on McKenzie Assessment forms and using MDT clinical reasoning, differentiate the presence of serious pathology.
3. Analyse case studies presented on McKenzie Assessment forms and using MDT clinical reasoning, differentiate the presence of OTHER subgroups.
4. Analyse the findings of the assessment forms and using clinical reasoning, design a management plan for the provisional classification.

➔ **MODULE SEVEN
EPIDEMIOLOGY/EVIDENCE BASE FOR MDT**

OBJECTIVES

With sufficient time to/for practice, participants will be able to meet/achieve the following objectives:

1. Describe the major epidemiological factors associated with lower extremity conditions.
2. Describe the concept of 'natural history' in the resolution of extremity pain.
3. Describe and discuss the current evidence on the use of MDT for lower extremity conditions.

➔ **MODULE EIGHT
CHARACTERISTICS OF THE MDT SYNDROMES**

OBJECTIVES

With sufficient time to/for practice, participants will be able to meet/achieve the following objectives:

1. Discuss issues relating to the use of a patho-anatomical diagnosis and describe the alternative MDT model of symptomatic and mechanical responses used to identify a mechanical diagnosis.
2. Describe and differentiate the characteristics of the three McKenzie Syndromes - Derangement, Dysfunction (Articular and Contractile) and Postural in the lower extremity.

➔ **MODULE NINE
ASSESSMENT**

OBJECTIVES

With sufficient time to/for practice, participants will be able to meet/achieve the following objectives:

1. Demonstrate an understanding of the clinical significance of the components of the MDT assessment.
2. Analyse how the History and the Physical Examination helps to identify precautions and contraindications to mechanical therapy in patients presenting with lower extremity symptoms.
3. Skillfully and accurately complete the History and the Physical Examination of the McKenzie assessment as used for the lower extremity.
4. Conduct and evaluate a relevant spinal assessment to exclude symptoms that are spinal in origin as determined by the History and Physical Examination.
5. Demonstrate an understanding and the appropriate application of terms used in completing the McKenzie Lower Extremity Assessment form.
6. Integrate the results of the History and the Physical Examination including the repeated movement testing to differentiate and determine a provisional classification.



➔ **MODULE TEN**
DERANGEMENT SYNDROME

OBJECTIVES

With sufficient time to/for practice, participants will be able to meet/achieve the following objectives:

1. Describe the key clinical features of Derangement that are seen on the McKenzie Lower Extremity Assessment Form.
2. Discuss and design appropriate management programmes for patients who present with Derangements in the lower extremity.
3. Discuss the concept of progression of forces and the use of force alternatives when treating lower extremity Derangements.
4. Analyse and demonstrate a variety of loading strategies for Derangements seen in the lower extremity, and discuss the rationale for their use.

➔ **MODULE ELEVEN**
DYSFUNCTION SYNDROME

OBJECTIVES

With sufficient time to/for practice, participants will be able to meet/achieve the following objectives:

1. Describe the key clinical features of Articular Dysfunction that are seen on the McKenzie Lower Extremity Assessment form.
2. Discuss and design appropriate management programmes for patients who present with an Articular Dysfunction in the lower extremity.
3. Describe the key clinical features of Contractile Dysfunction that are seen on the McKenzie Lower Extremity Assessment form.
4. Discuss and design appropriate management programmes for patients who present with a Contractile Dysfunction in the lower extremity.
5. Analyse and demonstrate a variety of loading strategies for Contractile Dysfunctions seen in the lower extremity and discuss the rationale for their use.

➔ **MODULE TWELVE**
POSTURAL SYNDROME

OBJECTIVES

With sufficient time to/for practice, participants will be able to meet/achieve the following objectives:

1. Describe the key clinical features of Postural Syndrome that are seen in the McKenzie Lower Extremity Assessment Form.
2. Discuss the principles of MDT management of Postural Syndrome when present in the Lower Extremity.

➔ **MODULE THIRTEEN**
SUBGROUPS OF OTHER

OBJECTIVES

With sufficient time to/for practice, participants will be able to meet/achieve the following objectives:

1. Discuss the criteria of the subgroups of OTHER in the Lower Extremities and analyse how the subgroups would present during a MDT assessment.
2. Discuss the management of each subgroup by what is currently supported in the literature and analyse how this fits with MDT principles and strategies.



➔ **MODULE FOURTEEN**
CASE STUDIES

OBJECTIVES

With sufficient time to/for practice, participants will be able to meet/achieve the following objectives:

1. Analyse case studies presented on McKenzie Assessment forms and using MDT clinical reasoning principles determine the presence of Derangement, Dysfunction or Postural Syndrome.
2. Analyse case studies presented on McKenzie Assessment forms, and using clinical reasoning differentiate the presence of serious pathology.
3. Analyse case studies presented on McKenzie Assessment forms, and using clinical reasoning differentiate the presence of OTHER subgroups.
4. Analyse the findings of the assessment forms and using MDT clinical reasoning, design a management plan for the provisional classification.