

## Liverpool John Moores University

Title: Pathogenesis, pathophysiology and diagnosis of diabetes  
Status: Definitive  
Code: **7003DBTADV** (118162)  
Version Start Date: 01-08-2014

Owning School/Faculty: Nursing and Allied Health  
Teaching School/Faculty: Nursing and Allied Health

Team	Leader
Kevin Hardy	Y
Sarah O'Brien	

**Academic Level:** FHEQ7      **Credit Value:** 20.00      **Total Delivered Hours:** 40.00  
**Total Learning Hours:** 200      **Private Study:** 160

### Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	10.000
Practical	20.000
Tutorial	10.000

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	essay		70.0	
Reflection	reflection	Reflective report on contribution online interactive activities	20.0	
Technology	discussion	students will be assessed on their contribution to online interactive activities throughout the duration of the module	10.0	

### Aims

*To equip the Advanced Practitioner with detailed understanding of the pathogenesis,*

*pathophysiology and diagnosis of diabetes.*

## Learning Outcomes

After completing the module the student should be able to:

- 1 Critically understand anatomical, physiological and pathological mechanisms of diabetes.
- 2 Understand the differences between type 1 and type 2 diabetes and know how to diagnose type 1 and type 2 diabetes in clinical practice.
- 3 Use their newly acquired understanding to underpin and guide their management of diabetes in clinical practice.

## Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

essay 3000 words	1	2
reflection on online activity	3	
contribution to onlineactivity	3	

## Outline Syllabus

*Anatomy, physiology and pathophysiology of type 1 and type 2 diabetes. Diagnosis of diabetes including WHO diagnostic criteria.*

## Learning Activities

Interactive key note lectures, case discussions, tutorial work, interactive self-directed learning through use of a 'blog' (discussion board).

## References

<b>Course Material</b>	Book
<b>Author</b>	Williams G, Pickup JC
<b>Publishing Year</b>	2004
<b>Title</b>	Handbook of Diabetes
<b>Subtitle</b>	
<b>Edition</b>	2nd
<b>Publisher</b>	Blackwell Science
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	De Fronzo RA, Ferrannini E, Keen H, Zimmet P
<b>Publishing Year</b>	2004

<b>Title</b>	International Textbook of Diabetes Mellitus
<b>Subtitle</b>	
<b>Edition</b>	3rd
<b>Publisher</b>	John Wiley
<b>ISBN</b>	

<b>Course Material</b>	Reports
<b>Author</b>	
<b>Publishing Year</b>	2010
<b>Title</b>	Type 2 diabetes: the management of type 2 diabetes
<b>Subtitle</b>	NICE Clinical guideline 87
<b>Edition</b>	
<b>Publisher</b>	NICE
<b>ISBN</b>	

## Notes

This module aims to equip the advanced practitioner with a detailed understanding of the pathophysiology and diagnosis of diabetes to enable them to improve their clinical management of diabetes.

The module is available as a CPD and is a core module on the Masters in Advanced Health Care Practice (Diabetes).