Liverpool John Moores University

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Title:	Post ITT Subject Knowledge Enhancement in Physics
Status:	Definitive but changes made
Code:	**6001PITTP** (119374)
Version Start Date:	01-08-2018
Owning School/Faculty:	Education
Teaching School/Faculty:	Education

Team	Leader
Gill Adams	Y

Academic Level:	FHEQ6	**Credit Value:**	1	**Total Delivered Hours:**	400
Total Learning Hours:	10	**Private Study:**	-390		

Delivery Options
Course typically offered: Non Standard Year Long

Component	Contact Hours
Lecture	100
Online	200
Seminar	100

Grading Basis: Pass/Not Pass

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Practice	AS1		100	

Aims

The course will enable those who successfully complete the module to teach the National Curriculum in physics in the age range 11 – 16.
We believe that a fundamental part of the role of the physics teacher is to promote the learning of physics at all levels in the secondary school and to make the study of physics relevant and exciting for all the students that they teach.

Learning Outcomes

After completing the module the student should be able to:

1	Demonstrate systematic knowledge and understanding of fundamental concepts in physics as they relate to the 11-16 curriculum.
2	Develop pedagogy to facilitate learners' conceptual understanding of physics.

Learning Outcomes of Assessments

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

PRACTICE	1	2

Outline Syllabus

TBC

1. Demonstrate systematic knowledge and understanding of fundamental concepts in physics as they relate to the 11-16 curriculum

2. Critically analyse learners' conceptual understanding of physics

3. Critically analyse an aspect of teaching and learning in physics

4. Interrogate research literature to provide a critique of pedagogy in physics, articulate complex ideas using appropriate language and style

Learning Activities

Physics concepts will be explored in of interactive lectures and workshops backed up by tasks for independent learning. These will use a mix of media e.g. web-based materials including video tutorials and on-line practice exercises, practical activities using ICT as well as more traditional text-book approaches.

Notes

This module extends introduces students to the principal concepts underlying physics.