Unit Title	Yarn Production for Designers
Unit Code	MATS20082
Member of staff responsible	Dr R H Gong
Other staff involved	Mr P Moroz
Credit rating	10
Level	Year-2
Methods of delivery	Lectures and laboratory project work
Lecture hours	12
Tutorial hours	
Practical work hours	24
Private study	64 hours
Total study hours	100 hours
Aims	To introduce aspects of special yarns with designed profile and colour variations
Learning outcomes A. Academic knowledge	On completion of this Unit, students should be able to demonstrate: • knowledge and understanding of the use and production of various special yarns;
B. Intellectual skills	• analytical skills;
C. Subject practical skills	• understanding of the merits and drawbacks of various fancy yarns and the design and production of these yarns;
D. Transferable skills & personal qualities	• team work and report writing.
Syllabus	• Yarn plying • Fibre effects • Yarn effect • Ring twisting • Hollow spindle techniques • Modern twisting techniques • Textured yarns
Assessment methods and relative weightings	Unseen examination paper - 50% Assessed course work - 50%
Date of last revision of Unit specification	September 2009