

TAX4438 Production Planning and Organisation

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| Level | Level 4 |
| Course Code | TAX4438 |
| Course Title | Production Planning and Organisation |
| Credit value | 4 |
| Core/Optional | Core (Apparel Production and Management), Optional (Textile and Clothing) |
| Course Aim/s | The aim of this course is to provide the knowledge in planning and organising preproduction and production activities in a garment manufacturer productively. |
| Course Learning Outcomes (CLO): | <p>At the completion of course, student should be able to,</p> <p>CLO 1: Describe the processes involved in product development, order placement and sample making</p> <p>CLO 2: Describe marker making process and pattern engineering techniques</p> <p>CLO 3: Explain the methods, equipment and machines used for fabric spreading</p> <p>CLO 4: Apply work study concept in garment manufacturing</p> <p>CLO 5: Apply productivity concepts in garment manufacturing</p> <p>CLO 6: Apply appropriate production planning and control tools in garment manufacturing</p> <p>CLO 7: Determine economic cut quantities in a given sales order</p> <p>CLO 8: Apply line balancing technique and analyse the balancing losses in garment manufacturing</p> |
| Content | <p>Outline syllabus</p> <p>Unit I: Order placement and sample making</p> <p>Unit II: Material utilisation</p> <p>Unit III: Spreading</p> <p>Unit IV: Workplace engineering</p> <p>Unit V: Productivity</p> <p>Unit VI: Production planning and control</p> <p>Unit VII: Scheduling in cutting room</p> <p>Unit VIII: Line balancing</p> |