

TAI5376 Computer Aided Pattern Drafting

Level	Level 5
Course Code	TAI5376
Course Title	Computer Aided Pattern Drafting
Credit value	3
Core/Optional	Core (Fashion Design and Product Development)
Prerequisites	45 credits (P), TAI3533(P)
Course Aim/s	To provide knowledge and skills to operate a computer aided pattern system (Lectra) successfully in Apparel industry.
Course Learning Outcomes (CLO):	After completing the course, student should be able to, CLO 01: Use personal computer to perform specific tasks. CLO 02: Describe the features and functions of computer aided pattern drafting and marker making systems. CLO 03: Apply the knowledge of computer aided pattern drafting systems to draw the patterns in garment manufacturing. CLO 04: Perform digitizing, grading and marker making with the aid of computer aided systems.
Content (Main topics, sub topics)	Outline syllabus Unit I: Basics of Lectra Modaris Unit 2: Further Activities of Lectra Modaris Laboratory work Lab class I: Identify the functions and tools of Lectra Lab class II: Draft front skirt block pattern Lab class III: Draft back skirt block pattern Lab class IV: Draft front and back of basic bodice Lab class V: Assignment 01 work Lab VI: Develop the bodice patterns for a one-piece dress block Lab VII: Draft front and back patterns of the regular tunic shirt. Lab VIII: Draft long sleeve pattern for the shirt Lab IX: Draft top and underside patterns of the gent's trouser. Lab X: Assignment 02 work and practice marker making process .