

## Apparel Construction & Patternmaking Technology

### FACULTY

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<http://www.bates.ctc.edu/ApparelandPatternmaking>

Students prepare for entry-level careers in the apparel industry by studying garment manufacturing and textiles; patternmaking and drafting for men's, women's, and children's wear; sewing construction; tailoring; garment fitting; and pattern alterations. Using the Gerber Pattern Design system for computer-aided design, students learn to digitize patterns, grade patterns (increase and decrease pattern sizes), and develop markers (the layout for cutting hundreds or thousands of garments simultaneously). Patternmakers, CAD operators, technical designers, and self-employment are some of the possible career paths for graduates of this program. The program also provides extended learning opportunities for persons previously or currently employed in related professions.

### Certificate of Competency: 89.5 credits

#### Apparel Construction & Patternmaking Technology Credits/Hours

Completion Range: 13-23 Months

ACP	091	Occupational Human Relations	1/17
ACP	092	Occupational Communication	1/17
ACP	093	Occupational Math	1/17
ACP	094	Applying Safety Principles	2/33
ACPT	101	Equipment Operation & Safety	5.5/93
ACPT	109	Alternative Pattern Techniques I	5/85
ACPT	110	Alternative Pattern Techniques II	5/85
ACPT	111	Patternmaking I	3/50
ACPT	113	Patternmaking II	5/85
ACPT	114	Patternmaking III	5/85
ACPT	115	Patternmaking IV	5/85
ACPT	116	Patternmaking V	5/85
ACPT	117	Patternmaking VI	5/85
ACPT	120	Garment Design Principles	5/85
ACPT	121	Textiles	5/85
ACPT	131	Garment Alterations I	4/70
ACPT	132	Garment Alterations II	4/70
ACPT	141	Garment Construction I	5/85
ACPT	142	Garment Construction II	5/85
ACPT	151	Pattern Alterations	4/65
ACPT	203	Garment Construction III	5/85
ACPT	204	Garment Construction IV	5/85
ACPT	205	Garment Construction V	5/85
ACPT	206	Garment Construction VI	5/85
ACPT	207	Garment Construction VII	5/85
ACPT	210	Advanced Alterations	5/85
ACPT	211	Sizing/Grading Patterns	5/85
ACPT	241	PDC Digitizing	2.5/40
ACPT	242	PDC Grading	5/85
ACPT	243	PDC Marker-Making	4/65
ACPT	244	PDC Advanced Functions	3/50
ACPT	281	Work-Based Learning Experience I	4/66
ACPT	282	Work-Based Learning Experience II	3/50
ACPT	283	Work-Based Learning Experience III	3/50

#### General Education Requirements

	<u>Credits</u>
90-level or> Human Relations – HREL, PSYCH, SOC or CMST	3
90-level or> Communications – ENGL or CMST	3
90-level or> Mathematics – MATH	3