**Career** **Occupation\*** **(if** **applicable)**

**Admission** **Requirements\***

*Technical* *Designer,* *Pattern* *Grader,* *Pattern* *Maker,* *Jr* *Pattern* *Maker,* *Gerber* *technician*

* High School Diploma or equivalent, or mature student status (19+ on the first day of study)
* Admissions interview: In person or via Zoom/ Skype with the Director of Operations & Admissions or Dean of Studies
* Application Essay: The application essay must clearly describe why you have chosen the Cut Fashion Design Academy. Why you chose this particular program. Why are you passionate about the fashion industry, and what are your future career goals in a minimum of 250 words.
* All applicants must be able to read, write, and communicate in the English language. See language proficiency requirements

**Learning** **Objectives\*** **Upon** **completion** **of** **this** **program** **the** **successful** **student** **will**

**have** **reliably** **demonstrated** **the** **ability** **to:**

* + *Develop* *Models* *to* *industry* *standards*
	+ *Create* *Pieces*
	+ *Understand* *and* *compose* *grade* *rule*
	+ *Be* *able* *to* *Convert* *data*
	+ *Create* *Cost* *Chart* *and* *Measure* *Chart*
	+ *Formulate* *Technical* *specification* *sheets*
	+ *Learn* *how* *to* *use* *the* *plotter*

**Method(s)** **of** **Evaluation\*** *The* *course* *is* *broken* *up* *into* *small* *projects* *that* *ultimately* *come*

*together* *to* *make* *a* *cohesive* *visual* *understanding* *of* *Gerber* *Pattern* *Making* *and* *Grading.* *Presentation* *format* *and* *style* *is* *determined* *by* *each* *student.* *Students* *will* *receive* *informal* *instructor* *feedback* *and* *written* *evaluations* *on* *a* *regular* *basis* *and* *at* *least* *once* *before* *30%* *of* *the* *hours* *of* *instruction* *of* *the* *program* *have* *been* *provided.*

**Completion** **Requirements\*** *The* *Cut* *Academy* *will* *use* *the* *following* *grade* *scale* *to* *determine*

*each* *student's* *grade* *through* *their* *work.*

*Students* *must* *receive* *an* *average* *of* *75%* *from* *all* *the* *assignments* *in* *order* *to* *pass* *the* *course.*

*In-Class* *+* *Homework* *Assignments* *X* *9* *total* *=* *20%* *Block* *+* *Grading* *Assignments* *X* *9* *total* *=* *30%* *Project* *1* *-* *Skirt* *-* *5%*

*Project* *2* *-* *Lined* *Dress* *-* *10%* *Project* *3* *-* *Student* *Choice* *-* *10%* *Project* *4* *-* *Jacket* *-* *10%*

*Replica* *book* *-* *5%* *Professionalism* *-* *5%*

*Attendance* *-* *5%*

**Program** **Organization\***

|  |  |
| --- | --- |
| **Title** **of** **Course/Work** **Experience** **Component** **\*** | **#** **of** **Hours\*** |
| Gerber Pattern Making and Grading | 280 Hours |

**Term:** **14** **weeks** **x** **20/hrs** **=** **280** **hours**

**Weekly:** **Lecture** **8** **hrs/week.** **Lab** **12** **hrs/week**

# COURSES

**INTRODUCTION** **TO** **GERBER**

* Understand Gerber AccuMark sequence of operations.
* Learn Data Input – How pattern shapes are digitized and entered in the pattern making system.
* Work with Gerber menu items to develop, modify, check and finalize pattern pieces.
* Understand menu, sub-menus and functions to develop pattern making in the system.
* Understand data management, import/export and moving/deleting data.
* Create models to industry standards and run them through the AccuMark processes.

# CREATING, SAVING, DIGITIZING & BACKING UP

* Create new pieces through the Create Piece Menu.
* Group existing pieces together and create a new Model File Editor in Pattern Design.
* Determine piece identifications for digitized pieces.
* Create a Grade Rule Table for digitizing purposes.
* Practice Digitizing a Closed Piece and a Mirrored Piece.
* Verify Digitized Data and view pieces in Pattern Design.
* Seam allowance and notches.
* Label a cut line for production
* Be able to edit grade point
* Creating offset line, shortening or lengthen an internal line, creating Drill hole

# MANIPULATING BLOCKS

* Create new pieces from drafting
* Create pieces by using the trace function
* Develop dart manipulation
* Get to know all measuring tools
* Rotate and flip pieces and line
* Create straight line, curve line, and flatten line segment
* Assign rule table
* Snap to Geometry
* Trace asymmetrical pieces
* Grading map and rule table data
* Marking orders
* Calculate yield/ efficiency/ block facing/ bump line/ Split/combine marker/ Scale/ Shrinkage
* Remove grading
* Learn how to resize, Mini marker, Export zip, convert data, costing chart and using a measurement chart

# PRESENTATION

* Students will create a final project of a digitized tailored jacket
* Students will present their final presentation to peers and the course instructor.

# MATERIALS:

**$450.00**

Drawing Pencil Set Pencil Sharpener Vinyl Eraser Portfolio

Software (Gerber Access)

# POTENTIAL GUEST SPEAKERS:

There will be at least 1 guest speaker per semester

# BOOKS:

Patternmaking and Grading Using Gerber's AccuMark Pattern Design Software Paperback – Jul 3 2014 y *Michele* *Lininger*

# $161.00 + TAX

 **Computer specs needed for Gerber**

 Recommended

|  |  |
| --- | --- |
| Processor Speed | Intel® Core™ i7 2400 3.1 GHz or higher |
| System Type | 64-bit OS |
| Hard Disk Capacity | 230+ GB |
| Memory | 16 GB |
| Service Packs | Current |
| Graphics Card | Open GL Compatible |

 **Student** **Name:**

**Student** **Signature:**