

# WOLLO UNIVERSITY



## Kombolcha Institute of Technology Department of Garment Engineering

COURSE GUIDE BOOK	
Program	Regular
<b>Course Information</b>	
Module Number	17: Pattern Making
Module Team Leader	Tsegaye. M
Course Title	<b>Pattern Making I</b>
Course Code	<b>GrEg 3171</b>
ECTS	6
Students' Workload/Semister	Lecture Hrs,: 15 Lab Hrs:90 Tutorial Hrs: 0 Home Study: 70
Course Type	Compulsory
Pre request course	None
Academic Year	2012 E.C/2020 G.C
Semester	<b>II</b>
Target Group	2 <sup>nd</sup> Garment Engineering Students
Venue [lab Room]	Textile lab G+2
<b>Instructor Information</b>	
Name	Tsegaye Melaku
Office	B 27 G+1 313
Office Consultation Hours	Monday : 8:00-10:00 am Friday : 8:00-10:00 am
Address	E-mail: denkaboy12@gmail.com Cell Phone: +251912733391
<b>Course Learning objectives</b>	
<i>At the end of the semester the students in this course will be able to:</i>	
<ul style="list-style-type: none"> <li>❖ Introducing students with professional pattern making terms, industrial practices, concepts and principle using the basic dress pattern set as a base for understanding.</li> <li>❖ understanding fundamentals of measurements and pattern making techniques familiarizing with construction of basics and design variation of Bodices ,skirt,</li> </ul>	

### Course Polices

- All students are expected to abide by the code of conduct of students throughout this course. Academic dishonesty, including cheating, fabrication, and plagiarism will not be tolerated and will attract disqualification of marks or values. It is expected from students to do all the assignments they are supposed to accomplish. Students are required to submit and present the assignments provided according to the time table indicated. Teachers give directions and instruction about assignments and other responsibilities of students. The mode of delivery shall encourage active participation of students. A minimum of **85 % attendance** during lecture sessions and **100% attendance** are mandatory during lab/practical class session.
- Students are appreciated to ask any question at any moment in class and during consultation periods. Cell phones **MUST** be turned off before entering the class as they are disruptive and annoying to the class.
- **Remark: Ground Rules set in class**
  1. *Coming late and missing class is forbidden.*
  2. *Course must be covered on time.*
  3. *Denying instructor academic course order is prohibited.*
  4. *Raising office issues in class is not allowed.*
  5. *Any disrespect or discourage act is not appreciated.*
  6. *Students and instructor evaluation must be fair.*
  7. *Begging mark is seriously banned.*
  8. *Cheating and deceiving in any circumstance is illicit.*

## Course Contents and Schedule

<i>Week</i>	<i>Topics or Subtopics</i> <i>Lecture</i>	<i>Topics or Subtopics</i> <i>Lab/practical</i>	<i>Reading material</i>
1, 2 and 3	✓ <b>Introduction to pattern making of womens wear</b>	✓ <b>Measurements</b> ✓ Measuring the form for basic block – women ✓ Measuring individual- women	✓ Armstrong, H.J (2009). Pattern making for Fashion Design: Pearson education, Inc. ✓ Handford,J.,(1984). Professional Pattern Making for Designers :women’s wear Mens casual wear.USA: Plycon press.
4 and 5	✓ <b>Purpose of pattern making</b>	<b>Drafting the Bodice</b> ✓ Drafting for the bodice front Drafting for the bodice back. ✓	✓ Armstrong, H.J (2009). Pattern making for Fashion Design: Pearson education, Inc. ✓ Cooklin,G.,(1994). Pattern cutting for Women’s Outwear. Great Britain: Blackwell Science Ltd.
6 and 7	<b>Methods pattern making –</b> ✓ drafting, ✓ draping , ✓ flat pattern making	✓ Drafting sleeve. ✓ Test fitting patterns	✓ Handford,J.,(1984). Professional Pattern Making for Designers :women’s wear Mens casual wear.USA: Plycon press. ✓ Cooklin,G.,(1994). Pattern cutting for Women’s Outwear. Great Britain: Blackwell Science Ltd.
8	<b>Pattern making tools –</b> ✓ straight pins, ✓ paper scissors, ✓ fabric scissor,	✓ <b>Skirts</b> ✓ <u>Basic skirt, A-line skirt low waist skirt</u> ✓ <u>high waist skirt, skirt,</u>	1. Armstrong, H.J (2009). Pattern making for Fashion Design: Pearson education, Inc.

	<ul style="list-style-type: none"> <li>✓ rulers, curve rulers (French curve, hip curve),</li> <li>✓ notcher, tracing wheel, measuring tapes, tapes, Pattern paper etc...</li> </ul>	<ul style="list-style-type: none"> <li>✓ <u>flared skirt, gored skirt, wrap skirt, godets.</u></li> </ul>	
9,10 and 11	<b>Pattern types</b> <ul style="list-style-type: none"> <li>✓ basic pattern,</li> <li>✓ basic pattern set,</li> <li>✓ design patterns,</li> <li>✓ working patterns first pattern and</li> <li>✓ production pattern</li> </ul> <b>Pattern design system-</b>	<ul style="list-style-type: none"> <li>✓ <b>Trousers</b></li> </ul>	<ul style="list-style-type: none"> <li>✓ Armstrong, H.J (2009). Pattern making for Fashion Design: Pearson education, Inc.</li> <li>✓ Cooklin,G.,(1994). Pattern cutting for Women's Outwear. Great Britain: Blackwell Science Ltd.</li> </ul>
12 and 13	<b>Model form and Measurements</b> <ol style="list-style-type: none"> <li>a. Importance of measurement in pattern making</li> <li>b. Standard ideal figure</li> <li>c. Standard measurements - Pattern industry standards , standard measurement</li> </ol>	<ul style="list-style-type: none"> <li>✓ <b>Dart manipulation</b></li> <li>✓ Pivotal and</li> <li>✓ Slash spread</li> </ul>	<ul style="list-style-type: none"> <li>✓ Armstrong, H.J (2009). Pattern making for Fashion Design: Pearson education, Inc.</li> <li>✓ Cooklin,G.,(1994). Pattern cutting for Women's Outwear. Great Britain: Blackwell Science Ltd.</li> </ul>
14 and 15	<ul style="list-style-type: none"> <li>✓ <i>Project work on women's blouse with specification sheet</i></li> </ul>		

## Course Assessment Methods

The Lab/Practical parts of the course will be recorded for 100 % and evaluated to 75 % and the lecture part recorded for 100 % and evaluated to 25 % according to the lecture and lab hours. The details are given \below:

<i>Lab/practical assessment Method</i>	<i>Weight (75 %)</i>	<i>Lecture assessment</i>	<i>Weight (25 %)</i>
Lab/Practical Records:	60%	Mid-Term Examination:	30 %
Demonstration/ Defense.:	40%	Final -Term Examination:	40 %
		Quiz and ass.	30 %

**Grading System:** If total mark out of 100 is:-

- $\geq 90$ , "A+",
- $\geq 85$ , "A",
- $\geq 80$ , "A-",
- $\geq 75$ , "B+",
- $\geq 70$ , "B",
- $\geq 65$ , "B-",
- $\geq 60$ , "C+",
- $\geq 50$ , "C",
- $\geq 45$ , "C-",
- $\geq 40$ , "D",
- $\geq 30$ , "F<sub>x</sub>",
- $< 30$ , "F"

## References Materials

2. Armstrong, H.J (2009). Pattern making for Fashion Design: Pearson education, Inc.
3. Aldrich, W., (1998). Metric Pattern Cutting. Great Britain: Blackwell Science Ltd.
4. Handford,J.,(1984). Professional Pattern Making for Designers :women's wear Mens casual wear.USA: Plycon press.
5. Cooklin,G.,(1994). Pattern cutting for Women's Outwear. Great Britain: Blackwell Science Ltd.

**Approved by;**

**Signature;**

Program head;

Mohammed Alebachew

Course manager;

Tsegaye Melaku

Learning Teaching Quality Manager;

Tsegaye Melaku

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