

# 3D Knit Grading Course

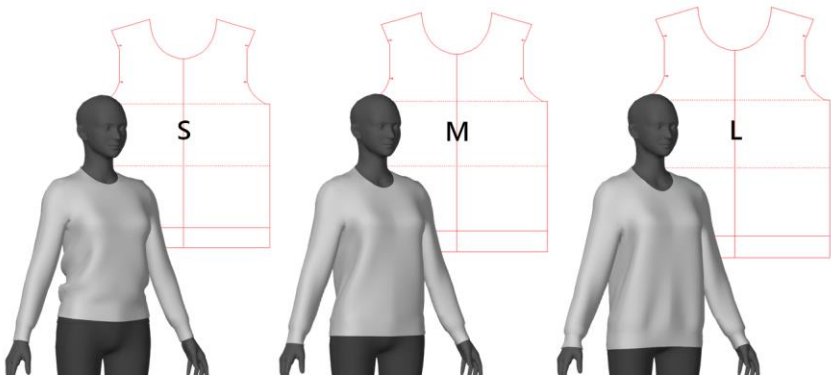


This course is for those who have completed the “3D Knit Design Course” and “3D Pattern Making Course” to learn how to create other sizes for flat knit 3D items. To take the course, you need to have an APEXFiz® Design-Knit or Design-Pro subscription plus 3D Option. SDS® -ONE APEX4 users can also take the course.

## ◆◆ What you can learn in the course ◆◆

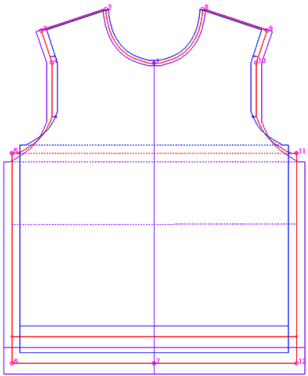
Grading (Input Measurement):  
Simplified size grading method using the input measurement function

Unit(cm)	S	M	L
Body length	56	58	60
Chest width	41	44	47
Shoulder width	33	34.5	36
Front bust width	31	32.5	34
Back bust width	31	32.5	34
Back neck width	16	17	18
Front neck drop (to linkline)	9.5	10	10.5
Back neck drop	1.5	1.5	1.5
Straight A.H.	19	20	21
Under arm pos. from top			
Waist pos. from top	36.5	37.5	38.5
Waist width			
Hem length	5	5	5



Pitch Grading:  
Grading by specifying the difference in dimensions according to size

Size	S		M		L	
	X	Y	X	Y	X	Y
1	0.00	0.50			0.00	-0.50
2	0.50	0.00			-0.50	0.00
3	1.00	0.17			-1.00	-0.17
4	1.00	0.00			-1.00	0.00
5	1.50	1.59			-1.50	-1.59
6	1.50	2.00			-1.50	-2.00
7	0.00	2.00			0.00	-2.00
8	-0.50	0.00			0.50	0.00
9	-1.00	0.17			1.00	-0.17
10	-1.00	0.00			1.00	0.00
11	-1.50	1.59			1.50	-1.59
12	-1.50	2.00			1.50	-2.00



Stitch Pattern Adjustment:  
Reflecting and adjusting stitch pattern design on 3D data after grading

