

efi | OPTITEX

DECODING DIOR: A GEORGE BROWN COLLEGE & ROM COLLABORATION

Dior



AT A GLANCE

GEORGE BROWN COLLEGE
TORONTO, CANADA
WWW.GEORGEBROWN.CA

In honor of 70 years of Christian Dior fashion, George Brown College, in collaboration with Royal Ontario Museum, analyzed the historical and technical construction of some of Dior's iconic pieces, known as the "New Look." 3D enabled them to simulate designs for research saving time and costs.

"This is the first time I've had the opportunity to work with 3D. It's amazing how I can take patterns, test out, and save on so much sewing time."

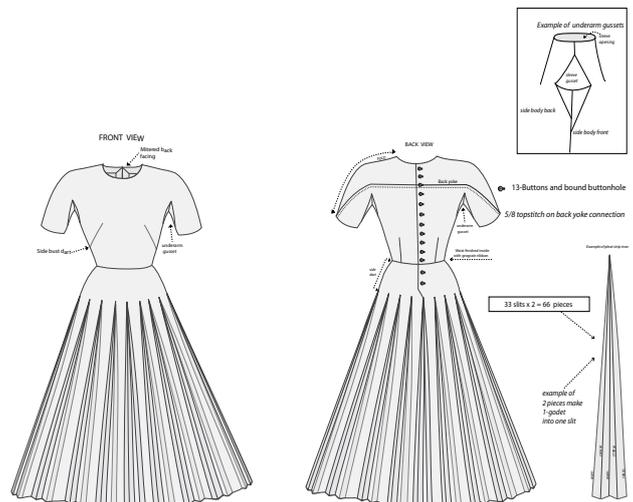
Professor Berta Pavlov, George Brown College

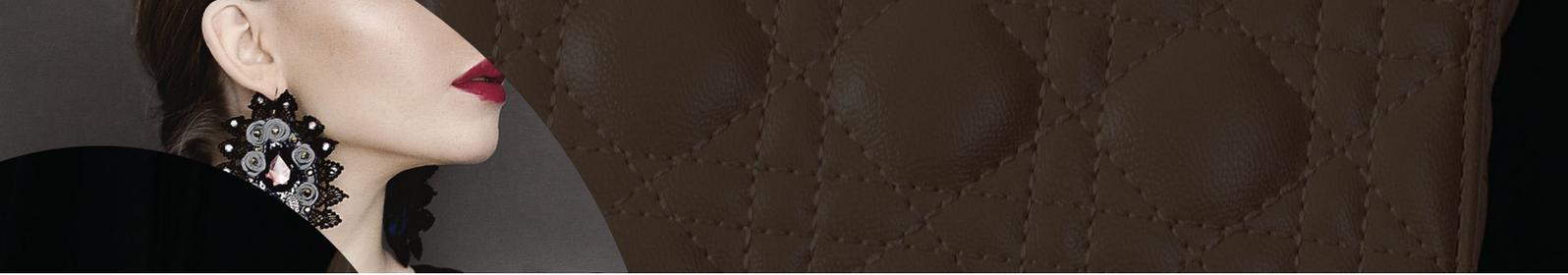
SAVING TIME AND FABRIC IN RESEARCH

In a special project that brought Dior's designs to life, Professor Berta Pavlov from George Brown College needed to decode patterns behind ten of Dior's pieces. The ROM had the final garments, but had no history of the patterns, and needed to dissect, sketch, and recreate the patterns from scratch. She turned to 2D and 3D in order to assist in this research.

By using 3D tools for testing fabric and fit, Pavlov and her students were able to save time in their research. *"With the Pamplune dress it was a real opener,"* says Pavlov. *"The lower part of the dress is 66 pieces, making up 33 goursds. The fabric was also expensive, and I wouldn't have had time to sew up that piece while sampling, but to see it come together on a 3D model was exciting and cost-effective."*

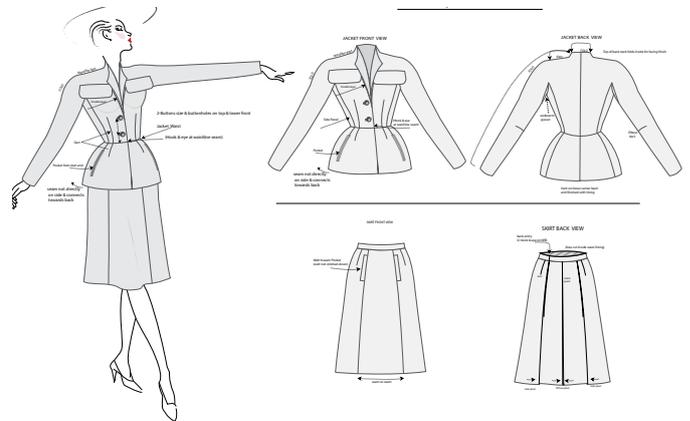
Pavlov and her students worked with Optitex solutions to test fit and draping of the pieces, and simulated them in 3D to see how the 2D pattern fit like the original. By doing all the research digitally, they were able to complete the project faster and save money by simulating on 3D as opposed to cutting physical samples for each modifications.





For someone who moved from print to digital, Pavlov values technology and its capabilities as the future for design and fit. "3D is a key part of moving forward and for my own research," she says. "I can test fabric fit, use different fabrics, and even see how one pattern can fit depending on the drape of that fabric. With 3D, I get first-hand knowledge."

Apart from her own research and collaboration with ROM, Pavlov integrates Optitex 2D and 3D tools into her teaching, and even opened a course on digital pattern making and 3D for students to learn how to work with the software. This allows her to keep up with industry needs and teach students the skills and tools used in the industry, to help them be the best employees in the future.



“As a pattern maker who’s been in the industry for 35 years, I see 3D as a wonderful tool, especially when it comes to sample trials where you can take a 2D file, and in hours be able to test it and bring pattern pieces in a 3D format.”

Professor Berta Pavlov, George Brown College

