

# FORMULA 1



FORMULA 1™ IS THE MOST EXCITING FORM OF MOTORSPORT IN THE WORLD. IT'S A RACE OF SPEED AND SKILL, WHERE THE FINEST DRIVERS AND THE MOST ADVANCED TECHNOLOGY COMPETE FOR THE HIGHEST HONORS.

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**THE EVOLUTION OF FORMULA 1 CAR CHASSIS**

The evolution of Formula 1 car chassis has been a journey of constant innovation and technological advancement. From the early days of open-wheel racing to the modern, highly aerodynamic and complex structures of today, each generation of chassis has pushed the boundaries of what is possible. The introduction of carbon fiber in the late 1980s marked a significant milestone, offering a combination of strength and weight reduction that revolutionized the sport. Today's chassis are the result of years of research and development, incorporating advanced materials and sophisticated aerodynamic designs to maximize performance on the track.



**MCLAREN DRIVERS ARE IN CONTROL OF A CHAMPIONSHIP OUTCOME**

McLaren's success in Formula 1 is a testament to the team's ability to combine cutting-edge technology with exceptional driver talent. The team's drivers have consistently performed at the highest level, contributing significantly to McLaren's championship success. The team's focus on aerodynamic efficiency and engine performance has allowed them to remain competitive in a highly technical and competitive environment. McLaren's commitment to innovation and excellence has been a key factor in their ability to overcome challenges and achieve success on the world stage.



**WHY THE FRONT WING IS THE MOST POLITICAL PART OF AN F1 CAR**

The front wing of a Formula 1 car is not just a piece of aerodynamic hardware; it is a highly contested area of the sport. Its design and performance are crucial for a team's competitiveness, and it has become a focal point for technical regulations and political maneuvering. The front wing's role in directing airflow over the car's bodywork makes it a key component in determining a car's aerodynamic efficiency. As teams push the limits of what is allowed by the regulations, the front wing's design becomes increasingly complex and controversial, leading to intense scrutiny and debate within the sport.



**WHAT IS THE SCIENCE OF F1 AERODYNAMICS BEYOND WINGS AND DIS?**

Aerodynamics in Formula 1 is a complex science that goes far beyond the design of wings and diffusers. It involves a deep understanding of fluid dynamics and the interaction of air with the car's bodywork. Teams use wind tunnels and computational fluid dynamics (CFD) to optimize every aspect of their car's aerodynamic performance. The goal is to create a car that can generate maximum downforce while minimizing drag, allowing it to corner at high speeds and maintain stability on the track. The science of F1 aerodynamics is a continuous process of discovery and refinement, as teams seek to gain even the slightest advantage over their competitors.



**WHO ARE THE WOMEN WHO KEEP THE GRID MOVING IN FORMULA 1?**

The presence of women in Formula 1 has grown significantly in recent years, and they are playing an increasingly important role in the sport. From drivers to engineers and team members, women are contributing their talent and passion to the world of motorsport. The sport is becoming more inclusive and diverse, and the success of these women is a testament to their skill and dedication. As the sport continues to evolve, it is essential to support and nurture the next generation of female talent, ensuring that the grid remains vibrant and competitive.



**F1 ACADEMY SHAPING THE NEXT GENERATION OF FEMALE DRIVERS**

The F1 Academy is a program dedicated to identifying and nurturing young female talent in Formula 1. It provides a pathway for aspiring drivers to gain experience and develop their skills in a professional racing environment. The academy offers a combination of on-track training, technical education, and mentorship from experienced drivers and team members. By supporting the growth of young women, the F1 Academy is helping to break down barriers and create a more inclusive and diverse sport. The success of the academy's graduates will be a key indicator of the future of female participation in Formula 1.

Nicole Solomon

Fall 2025

Capstone – Graphic Design

Department of Art and Art History

**Artist Statement:**

Welcome to me and my work! I am a graphic designer inspired by my religion and heritage, Brazil, and the many languages that shape our world—especially American Sign Language (ASL). For me, art is a way to communicate across cultures and experiences, creating bright visuals that are both meaningful and accessible. I truly believe in the principle of “less is more,” letting simplicity guide my work so that every element has purpose and impact without being too overwhelming. I really enjoy working with a mix of digital tools and traditional techniques, as I grew up in a traditional environment, exploring color, typography, and unique layouts to bring ideas to life. My process usually begins with research and reflection, often drawing from cultural and personal experiences, before moving into concepts and designs. To me, each piece is an opportunity to show or tell a story.

Much of my inspiration comes from my heritage; there’s such a fun and expressive energy in Brazilian culture, and the beauty of language in all its forms, that is just begging to be released. I aim to create work that communicates directly and emotionally, fixing gaps and sparking connections between people around the world. Through my designs, I aim to leave a lasting impression while keeping things simple, intentional, and thoughtful. Whether collaborating with clients or exploring personal projects, my work reflects who I am and the world I want to share with others.

**Title**

**Original Format**

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Figure 1: Formula 1 Magazine

InDesign, 9.5 in x 12 in

Figure 2: ACT Film Festival

Photoshop, 18 in x 24 in

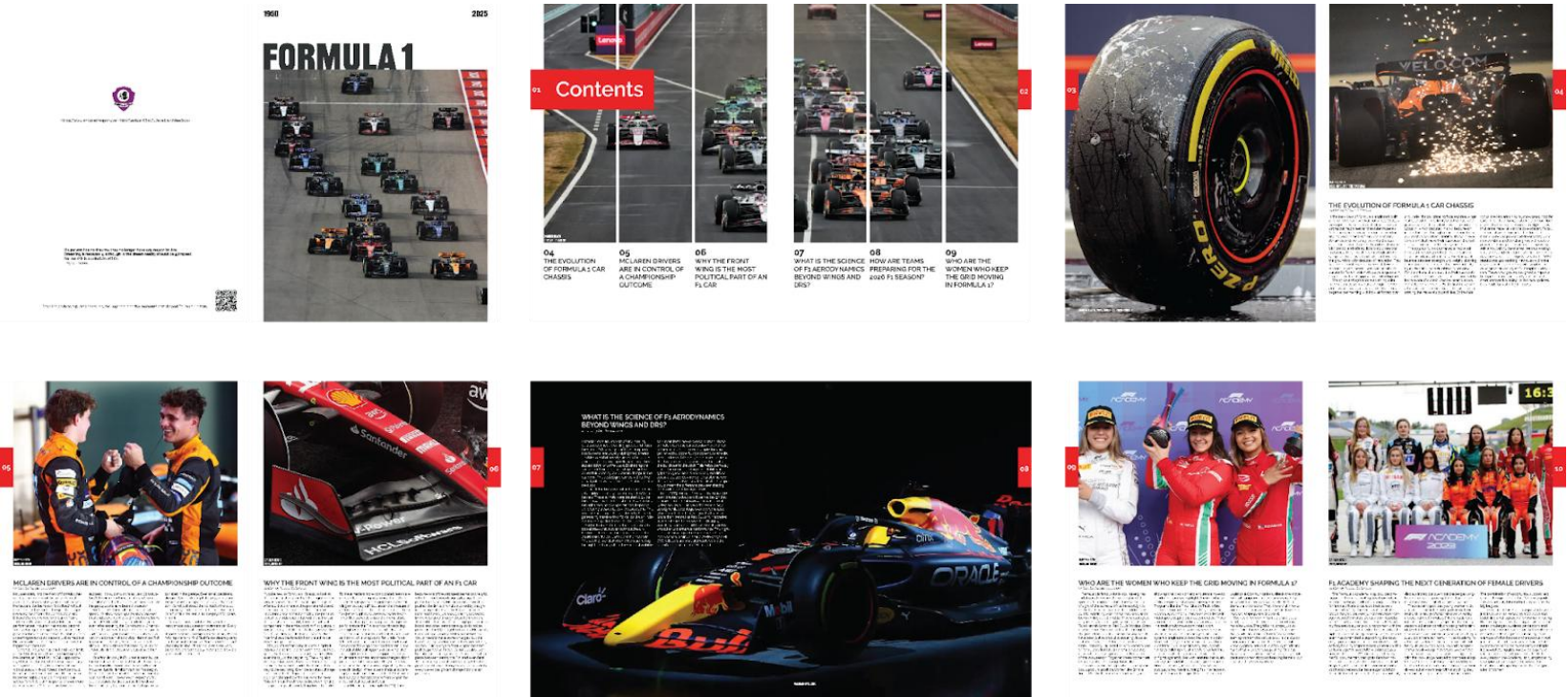


Figure 1: Formula 1 Magazine



Figure 2: ACT Film Festival