

# PROJECT MFG

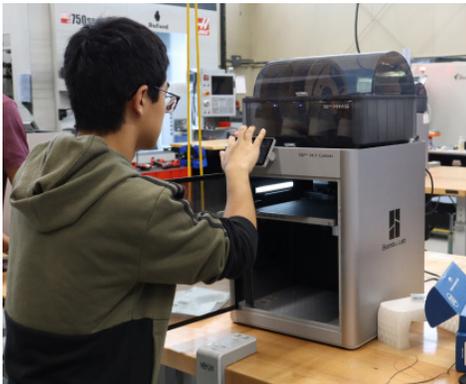
ADVANCED  
MANUFACTURING

# 2023 - 24 SEASON

## COLLEGE STATION, TEXAS

### MAY 2, 2024

TEES FACILITY FOR ADVANCED MANUFACTURING 1696 BRYAN RD., BLDG 8525 BRYAN, TX 77807



## ADDITIVE ADVANCED MANUFACTURING

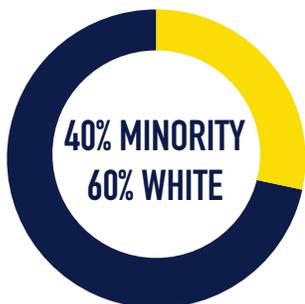
# 3

## SCHOOLS PARTICIPATED

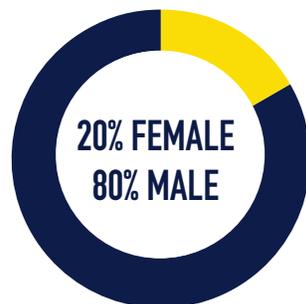
- Lake Creek High School
- Ball High School
- William B. Travis High School

# 10

## STUDENTS COMPETED



MINORITY DEMOGRAPHICS



GENDER DEMOGRAPHICS

College Station, TX — On May 2nd, three local high schools arrived at the TEES Facility of Advanced Manufacturing on the Texas A&M - Rellis Campus to participate in the additive Project MFG Advanced Manufacturing Competition

The event involved three local high schools — Ball High School, William B. Travis High School, and Lake Creek High School. They were challenged to design a 1:43 slot car body to fit a chassis. Teams prior to the event created a drawing for the slot car frame so they could complete the actual programming and 3D printing within the time frame. Judging criteria included arriving with the necessary designs and materials needed, ensuring proper post-processing of the car body, and testing if the race car could successfully complete a jump on the track provided. Additionally, each team had to bring a 3D-printed bridge to the competition, which was then tested with weighted blocks to determine its load-bearing capacity. After the competition, an award ceremony was held to announce the winner who will be receiving a brand new Bambu Bambu Lab X1-Carbon Combo 3D Printer!

The winners of Additive Advanced Manufacturing competition were:  
First Place: Ball High School

This competition proved to be a platform for aspiring machinist to shine, learn, and grow setting the stage for a new generation of skilled professionals in the manufacturing industry.