

2021

FLTSA

CONFERENCE PROGRAM



VIRTUAL STATE CONFERENCE

Welcome!

Dear Colleagues and Students,

It is with great pleasure that I welcome you on behalf of the Board of Directors to the 2021 Florida Technology Student Association Virtual State Conference and Competitions. I want to thank each of you for your continued support of FL TSA. We know there are uncertain times in education and it was not easy. However, nothing good comes easy and anything worth doing is worth doing well. My hat is off to you for all you do for your students and our organization.

Our state officers have been working very hard and it showed at the virtual Fall Leadership Conference. I applaud them for their ingenuity during these difficult times and thank them for a wonderful virtual conference. We hope that you enjoy the planned activities throughout the state conference, designed to enhance your conference experience, irregardless of what that looks like for all of you. We hope you all took valuable information from the virtual leadership conference!

We are proud to have conference assistants selected from our current Florida TSA Alumni and FSU STARS, to help conduct many of our competitive events. The roles these individuals play will help to shape the successful outcome of this conference. We could not do it without them. If you are currently a senior, we invite you to consider affiliating with the Florida TSA Alumni organization. This leadership opportunity is the next step in life. It is your chance to remain an active and vital part of Florida TSA. It's no secret that our alumni are the best in the country! When TSA heads to Orlando, FL. for the National Conference we will be ready. Let's go Florida!

Good luck to all of this year's State Officer Candidates and to each one of you in your competitive events. Thank you all for being a part of the most outstanding Technology Student Association in the country!

Sincerely,

Wendy Honeycutt

Florida TSA Chair



High School Coordinators

Animatronics	Madeleine Ross
Architectural Design	Moncef Hadiji
Biotechnology Design	Patti Harris
Board Game Design	Nathan Sims
Chapter Team	Julia Palm
Children's Stories	Brittany Findley
Coding	Anthony Rodriguez
CAD Architecture	Jeremy Petty
CAD Engineering	Jeremy Petty
Data Science and Analytics	Martha Flynn
Debating Technological Issues	Nahidia Promesse
Digital Video Production	Ebe Randeree
Engineering Design	Kenny Bobola
Essays on Technology	Wendy Honeycutt
Extemporaneous Presentation	Martha Flynn
Fashion Design	Luci Coker
Forensic Science	
Future Technology Teacher	Kelli Kennedy
Geospatial Technology	Michael Evans
Music Production	Nate Bostic
On Demand Video	Kelly Ireland
Photographic Technology	Nora Perretta
Prepared Presentation	Margi Nanney
Promotional Design	Michelle Roberts
SciVis	Carol Unterreiner
Software Development	Paul Teleweck
Technology Bowl	Bob Blevins
Transportation Modeling	Kyle Holbrook
Video Game Design	Adam Nowicki
Webmaster	Dr. Suzanne Jarrell

Middle School Coordinators

Biotechnology	Amanda Allen
Career Prep	Alyssa Morford
Challenging Technological Issues	Dana Dammar
Chapter Team	Jacob Kargauer
Children's Stories	Theresa Bobola
Coding	Jeremy Petty
Community Service Video	Sarah Elgrini
CAD Foundations	Eric VanArsdall
Construction Challenge	Susan Gerena
Cybersecurity	Jason Peretta
Data Science and Analytics	Martha Flynn
Digital Photography	Christy Clark
Essays on Technology	Maria Behnken
Fluid Power	Patti Harris
Forensic Technology	Maureen Hudson
Foundations of Information Tech	EXAM
Inventions and Innovations	Paul Hudson
Junior Solar Sprint	Becky Allen
Leadership Strategies	George Harris
Mass Production	SUBMISSION ONLY
Mechanical Engineering	Scott Mead
Medical Technology	Mark Patula
Microcontroller Design	Mark Whiteside
Off The Grid	Lupe Verdin
Prepared Speech	David Flowers
Promotional Marketing	Matt Whelden
STEM Animation	Pamela King
Tech Bowl	Bob Blevins
Technical Design	Deuel Allen
Video Game Design	Colt Harstein
Website Design	Pamela Gossett

FL TSA Board of Directors

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St. At Arms

Conference Schedule

Friday, February 5th

11:59 pm the following online submissions are due on the virtual platform

Video Game I
Video Game II
Website Design I
Webmaster II

Monday, February 22nd

7:00 pm- 8:00pm
On Demand Video task given

The following projects have an online submission due to the virtual platform by 8 pm. Any students who make semi-final interviews/presentations are expected to arrive in the online platform 5-10 minutes before the event start time to sign up for an interview/presentation time.

Middle School

Biotechnology
Career Prep
Children's Stories
Community Service Video
Construction Challenge
Data Science and Analytics
Digital Photography
Essays on Technology
Inventions & Innovations
Junior Solar Sprint
Mass Production
Mechanical Engineering
Medical Technology
Microcontroller Design
Off the Grid
Prepared Speech
Promotional Marketing
STEM Animation

High School

Animatronics
Architectural Design
Biotechnology Design
Board Game
Children's Stories
Data Science and Analytics
Digital Video Production
Engineering Design
Fashion Design and Technology
Future Technology Teacher
Geospatial Technology
Music Production
Photographic Technology
Promotional Design
SciVis
Transportation Modeling

Tuesday, February 23rd

4:00 pm-8:00 pm

Written Exams:
Chapter Team I and II
Technology Bowl I and II

Wednesday, February 24th

4:00 pm-8:00 pm

Written Exams:
Forensic Technology I and II
Coding I
Cybersecurity I
Foundations of Information Technology I and Info Tech II
Electrical Applications

Thursday, February 25th

8:00 am-9:00 am

Opening Ceremony

9:00-10:00 am

State Officer Candidate Q & A

10:00am-11:00am

Bluegrass Educational Technologies Session

12:00pm – 3:00pm

Cybersecurity I Semi-Final Presentations

12:30pm-2:30 pm

Essays on Technology II Writing Task

12:30pm – 4:30 pm

Computer Aided Design Engineering (3D) Task

12:30pm-6:30pm

Leadership Strategies Presentations

1:00pm-3:00pm

Photographic Technology II semi-final task and interviews

Video Game Design I Semi-finalist interviews

1:00-3:30pm

Webmaster II Semi-Finalist interviews

1:00pm-5:00pm

Extemporaneous Speech, presentations

1:30pm-5:00pm

Challenging Technology Issues Presentations

1:30pm-6:00pm

Debating Technological Issues debate heats

2:00pm-4:00pm

CAD Foundations Task- Develop drawings and submit

2:15pm-3:15pm

Promotional Marketing Semi-Finalist design challenge

2:30pm-6:30pm

Music Production Semi-Finalist interviews

3:00pm-4:00pm

National Office Interviews

3:30pm-6:00pm

Digital Photography I Semi-Finalist task and interviews

4:00pm-5:00pm

Data Science and Analytics II Semi-Finals task given

4:00pm-7:00pm

Off The Grid Semi Finalist interviews
Biotechnology I Semi Finalist interviews
Biotechnology Design II Semi Finalist interviews
Engineering Design II Semi Finalist interviews
Geospatial Technology Semi Finalist interviews
Software Development II Semi Finalist interviews

4:30pm-5:30pm

Essays on Technology I Semi-Finalist essays

4:30pm-6:30pm

Coding II virtual problem
STEM Animation Semi-Finalist Interviews
Website Design I Semi-Finalist Interviews

5:00pm-7:00pm

Scholarship Interviews

5:30pm-6:30pm

Technical Design Challenge Given

7:00 pm-8:00pm

On Demand Video submission due

Friday, February 26th

7:00 am- 7:00pm

State Officer Election on EBallot

7:30am-10:30am

Chapter Team I and II Semi-Finalist presentations Group 1

8:00am-9:00am

Prepared Presentation receive topic

8:30am-9:30am

Future Technology Teacher Semi-Finalist video submission due

8:30am-10:00am

Digital Video Production Semi-Finalist interviews

8:30am-12:00pm

Video Game Design II Semi-Finalist presentations and interviews

8:30am-12:30pm

Children's Stories II Semi-Finalist reading/interviews
Data Science and Analytics I Semi-Finalist rounds
Forensic Technology Semi-Finalist skills evaluation

9:30am-1:30pm

Computer Aided Design Architecture (2D) task and evaluation

10:00am-12:00pm

Promotional Design Semi-Finalist design challenge

10:30am-1:30pm

Chapter Team I and II Semi-Finalist presentations Group 2

12:30pm-1:30pm

Inventions and Innovations Semi-Finalist video submission due
Mass Production Semi-Finalist video submission due

12:30pm-3:30pm

Construction Challenge Semi-Finalist interviews
Medical Technology Semi-Finalist interviews
Mechanical Engineering I Semi-Finalist interviews

1:30pm-5:30pm

Forensice Technology II Semi-Finalist skills evaluation

2:00pm-5:00pm

Animatronics Semi-Finalist presentations and interviews

2:00pm-4:00pm

Coding I Semi-Finalist Problem

3:30pm-7:00pm

Architectural Design Semi-Finalist Interviews
Microcontroller Design Semi-Finalist Interviews
Board Game Design Semi-Finalist Interviews
Transportation Modeling Semi-Finalist Interviews

4:00pm-5:00pm

Data Science and Analytics Semi-Finalist submission due

5:30pm-6:30pm

Technical Design submissions due

Saturday, February 27th

7:30am-1:00pm

Prepared Presentation topic presentations

8:00am-11:00am

Fluid Power I (Pilot Event)

8:30am-11:30am

Community Service Video semi-finalist interviews

9:30am-11:30am

Technology Bowl II Semi-Finalist oral competition

10:00am-1:00pm

Career Prep Semi-Finalist mock interviews

10:00am-2:00pm

SciVis Semi-Finalist presentations
Children's Stories I Semi-Finalist interviews/reading
Fashion Design Semi-Finalist presentations/interviews

12:00pm-2:30pm

Tech Bowl I Semi-Finalist Oral Competition

7:00pm-10:00pm

Virtual Awards Ceremony

Acknowledgement

Thank you to the many teachers, alumni, sponsors, parents, and industry personnel who volunteer their time and energy to make this conference a success. A special thanks to the following corporate sponsors for their generous contributions:

Chief Architect

NASA

BlueGrass Educational Technologies, LLC

National Fluid Power Foundation

Florida Technology Educators Assoc.

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TLC Engineering for Architecture

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U.S. Army

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Special Appreciation:
Conference Assistance:

TSA Alumni

FSU Stars

Florida High Tech

FL TSA website developemnt and maintenance:

Jacob Karguar

Sponsors:



*Join us for one or both
Final Competitions!*

April 7-9, 2021
Hosted by Norgren in Colorado

April 14-16, 2021
Hosted by Danfoss Power Solutions in Iowa

Learn more about how to become a judge or mentor: bit.ly/ParticipateFPVC2021

