



***PINE FOREST HS***

---

***BE FUTURE  
READY***

---

***ACADEMY OF  
INFORMATION TECHNOLOGY***



Dr. Juelle McDonald  
Principal



Elaine Vallery  
Director

- Comprehensive High School
- Wide range of sports and clubs

**PINE FOREST**

# Academy Teachers



*Mrs. Paige Slider*

Web Design and Professional Ethics



*Mr. Lewis Mason*

Excel Honors and IT Fundamentals



*Mrs. Liauna Jordan*

Adobe Visual Design, Video Design  
& Digital Design



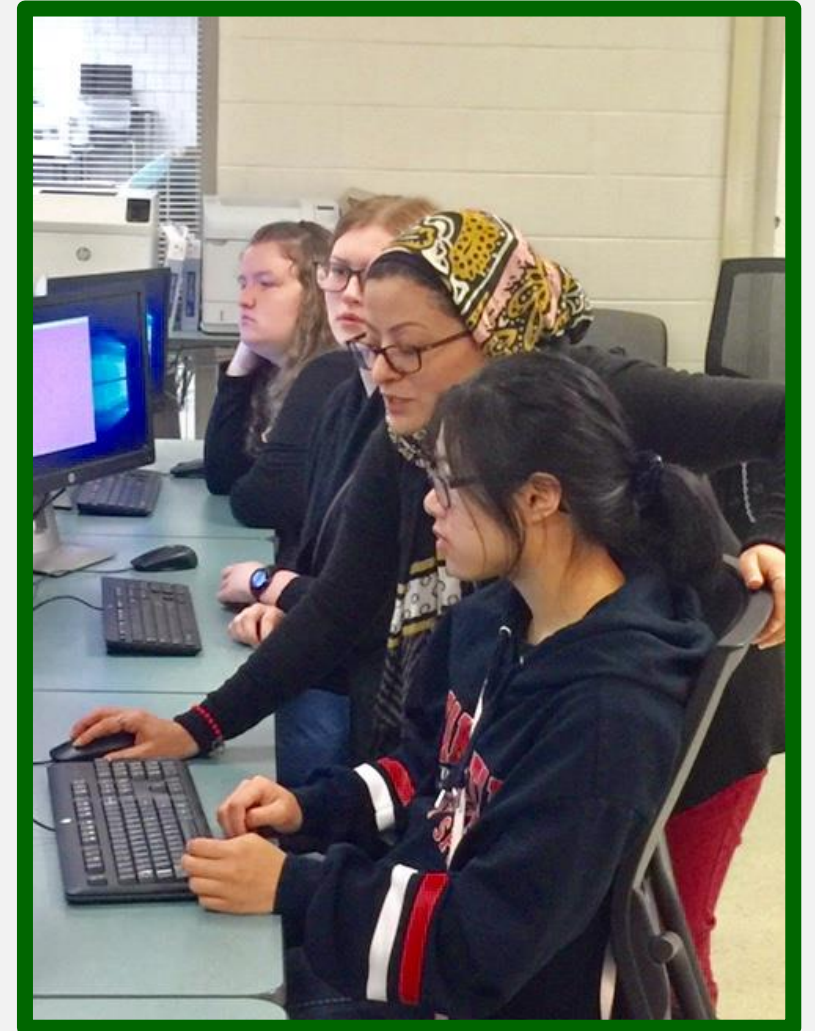
# Mission of PFHS AOIT

- Designed to facilitate the transition from high school to more advanced training and eventually a career in the information technology industry
- Affiliated with and administered by NAF



# Mission of NAF

- An educational non-profit organization
- NAF is a national network of education, business, and community leaders who work together to ensure high school students are college, career, and future ready.





## Who can be accepted into the Pine Forest Academy of Information Technology?

- Students are accepted into the Academy as rising 9<sup>th</sup> graders or rising 10<sup>th</sup> graders.
- We accept in-district as well as out-of-district students.



I don't live in the Pine Forest District. How will I get to school?

Out-of-district students are responsible for their own transportation to and from school.





## What are the admission requirements?

- 2.5 overall GPA
- Completed Choice Application (out-of-district students only)
- PFHS Application (in-district students only)
- Rising 9<sup>th</sup> Graders: Copy of latest report card
- Rising 10<sup>th</sup> Graders: Copy of Fall transcript



How long are students in the academy?

Our program is for 9<sup>th</sup> through 12<sup>th</sup> grade.



How do your Academy classes work with graduation requirements?

Our program aligns with North Carolina graduation requirements.



# Pine Forest High School Academy of Information Technology Typical Course Outline by Grade Level

Freshman Schedule	
Fall	Spring
AOIT Class: Web Design/ Professional Ethics	AOIT Class: Excel Honors
English I	World History
Earth/ Environmental Science	Health/PE
Foundations of Math 1 or Elective	Intro Math or Math 1 or Math 2

Sophomore Schedule	
Fall	Spring
AOIT Class: Adobe Visual Design	AOIT Class: CompTIA IT Fundamentals
English II	American History I
Biology or Physical Science	Math 1 or Elective
Foundations of Math 1 or Math 2 or Math 3	Elective

Junior Schedule	
Fall	Spring
AOIT Class: FTCC: Harware/ Software or Python I Programming	AOIT Class: FTCC: Advanced Harware/Software or Python II Programming
Physical Science or Chemistry	Engilsh III
Math 2 or Math 3 or 4th Level Math	American History II
Foregin Language Level I <i>(Required for admittance to a NC 4-year College/University)</i>	Foregin Language Level II <i>(Required for admittance to a NC 4-year College/University)</i>

Senior Schedule	
Fall	Spring
English IV	American History: Founding Principles, Civics, Economics
Math 3 or 4th Level Math	Elective
AOIT Class: Taken at FTCC <i>(2 classes each semester)</i>	AOIT Class: Taken at FTCC <i>(2 classes each semester)</i>

### Sample Occupations Relating to this Pathway

•Applications Analyst	•Operating System Designer/Engineer	•Software Applications Tester
•Applications Engineer	•Program Manager	•Software Design Engineer
•Business Analyst	•Programmer	•Systems Administrator
•Computer Engineer	•Programmer Analyst	•Test Engineer
•Data Modeler	•Project Lead	
•Game Developer	•Software Applications Specialist	



Can an out-of-district student participate in sports at Pine Forest and be in the Academy?

Yes. Both in-district and out-of-district students can participate in sports, band, orchestra, ROTC, and clubs at Pine Forest.





Do students have to wear a uniform?

Students wear a uniform once a week which consists of a polo shirt, khaki or black pants, and brown or black shoes. Uniform requirements are detailed in our student handbook.



Do students have to pay dues?

Students pay yearly dues of \$35. Dues pay for the initial uniform shirt, initial Academy t-shirt, and other Academy expenses.



# Where can I find the PFHS Application?

- On the PFHS webpage under
  - Our Activities
  - Choice School Program, or
- Using this link: <https://forms.gle/rfMqo5sJx5Bkz3Qt9>, or
- Using this QR Code



# TESTIMONIALS

As an AOIT graduate, I was not sure how my technology background would play out in my life. I had no intention of studying or working in technology post high school. Due to my background and skillset learned in the program, I was able to utilize my experience in this program to land an internship at Google. Recently, I was offered a fulltime role into their Human Resource Associate Rotation Program in the Silicon Valley. Without my experience in AOIT, I would not have received that opportunity. The program offers you a foundation and family to be successful in every endeavor after graduation and I would highly encourage students to join the program.



Grant Bennett, Class of 2016

# TESTIMONIALS

The Academy of Information Technology gave me amazing life experiences. I was given a chance to participate in SkillsUSA on local, regional, state and national levels, as well as job networking and an internship. I had originally intended to go for a biology major and become a veterinarian. However, I had a change of heart and began to reconsider my career options. In my sophomore year, I went on a field trip to Methodist University and learned about their digital forensics and cybersecurity programs. After careful consideration, I enrolled in Methodist University, changed my intended major from biology and am now pursuing a degree in computer science.

Belle Johnson, Class of 2020





# TESTIMONIALS

I enjoy AOIT because I enjoy working with computers and learning new things. Although my career choice is still undecided, the Academy has given me skills that will help me no matter what I do.



Trevor Antonson, Class of 2021

# TESTIMONIALS

Coming into Pine Forest knowing absolutely no one, the Academy of Information Technology shaped my time in high school. It gave me a group of people that I shared four classes a year with and was how I made friends when I initially came to Pine Forest. It has given me many opportunities such as dual enrollment at FTCC and community service time. The Academy has become almost like a second family to me; if I could redo my time in high school, I would join the Academy again every time.



Ty Antonson, Class of 2021



# Director Contact Information:

Elaine Vallery

[elainev@ccs.k12.nc.us](mailto:elainev@ccs.k12.nc.us)





We look forward to your joining the Pine Forest High School Academy of Information Technology

