



**Naval Air Warfare Center Aircraft Division
(NAWCAD)
Patuxent River Naval Air Station
Avionics, Sensors and E*Warfare Department**



Student Internship Application Form

*****U.S. Citizenship Required*****



NAWCAD Avionics, Sensors, and E*Warfare Department internship opportunities available:

AESIP (Aviation Electronics and Sensors Internship Program)

July 8th – July 26th 2019

For rising high school seniors or rising college freshmen to gain exposure to the many different technologies that the Avionics, Sensors & E*Warfare Department (AIR-4.5) develops and applies every day. This program will give theory and hands on experience in many technology areas such as unmanned aircraft systems, electro-optics sensors, night vision goggles, communications, radio waves theory, optical fiber networks, SONAR, LASERS, radios, RADAR and cyber systems and more. This program will help guide you in the selection of various technologies and careers in STEM related fields during your upcoming college years and multiple summer intern programs.

The AESIP internship fulfills the 100 hour STEM requirement.

RADIATE (Radio Frequency and Antenna Demonstration and Instruction for Advancing Technology Education)

July 29th – August 16th 2019

For rising high school seniors or rising college freshmen to learn about radio waves and radar technologies and how the United States Navy develops, tests and uses these technologies on board the many aircraft platforms. This unique internship combines a curriculum developed and taught by Naval Air Warfare Center Aircraft Division (NAWCAD) radar engineers with hands-on learning, tours of NAWCAD labs, and panels with NAWCAD engineers and scientists.

The RADIATE internship fulfills the 100 hour STEM requirement.

How to apply:

All interested students should complete, sign and submit this application with attachments in pdf format to the Education Outreach Office at NAWCADEEO.FCT@navy.mil

Applications Due: March 15th 2019

Notifications Made: April 10th 2019



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Student Internship Application Form

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Indicate your interest: 1st Choice 2nd Choice
AESIP RADIATE AESIP RADIATE

Section 1: Student Information (Please print clearly.)

First Name: Last Name:
Email: Phone:

Have you participated in a NAWCAD Internship Program? No Yes Program/Year

Section 2: Parent/Guardian Information (Please print clearly)

First Name: Last Name:
Email: Phone:

Section 3: School Information (Please print clearly)

School: Grade: GPA:

Please indicate which courses will be completed by June 2019

- Computer Science Geometry Calculus 2 Other Technical Course
Algebra 1 Pre-Calculus Physics Other Technical Course
Algebra 2 Calculus 1 AP Physics Other Technical Course

Section 4: Math or Science Teacher Recommendation (Please print clearly)

First Name: Last Name:
Email: Phone:
School: Subject:

Section 5: Attachments - Attach the following to your application (pdf format only)

- 1. Your current resume
2. Written statement (max 300 words) explaining why you are interested in the NAWCAD Avionics, Sensors, and E*Warfare Department Summer Internship Program(s)
3. Written recommendation from your Math or Science Teacher (max 300 words)

Section 6: Signatures

Student: Date:
Parent/Guardian: Date:
Teacher: Date: