

NAWCAD 4.5 Summer Internships Student Application Form

(U.S. Citizenship Required)

Applications are due by April 28, 2017



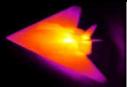
RADIATE - June 19 - July 7, 2017

(RF and Antenna Demonstration and Instruction for Advancing Technology Education)

AESIP - July 11 - July 28, 2017

(Aviation Electronics and Sensors Internship Program)











About these unpaid internships:

RADIATE is an opportunity for Southern Maryland high school students to learn about radio waves and radar technologies and how the United States Navy develops, tests and uses these technologies on board their 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 Q&A panels with NAWCAD engineers and scientists. The internship will run daily from June 19 - July 7 from 0800-1600 and fulfills the 100 hour STEM requirement.

AESIP is an opportunity for Southern Maryland rising high school seniors or rising college freshmen to gain exposure to many of the different technologies that the 4.5 Avionics, Sensors & E*Warfare Department develops every day. This program will give theory and hands on experience in many technology areas.

Have you ever wanted to:

Fly a UAV drone? Build and test a radio? Work in the dark with night vision goggles?

Map objects underwater with LASERS? Use an actual SONAR system?

Build and test a working RADAR? Be a CSI with an infra-red camera system?

Get up close to a real F/A-18 Hornet fighter jet?

If you do, this internship will run daily from July 11 - July 28 from 0800-1600 and fulfills the 100 hour STEM requirement.

How to apply:

All interested students should complete, sign and submit this application (including written statement) in PDF format to:

Mr. Steve Wamsley, NAWCAD 4.5 Director of Workforce Development (steven.wamsley@navy.mil)

NAWCAD 4.5 Summer Internship Application Form

Applications are due by April 28, 2017

Accepted students will be notified no later than May 10, 2017

Which program are yo	ested in attending	g:	1° Choice		2" Choice			
				☐ RADIATE ☐ AESIP	_	□ RADIATE □ AESIP		
Student Information	: Pleas	se print clearly						
First Name:			Last N	ame:				
School:					Gra	ade:	GPA:	
Email:			l	Parent/Guardiar	Email: _			
Have you ever partici	oated in	RADIATE (forme	erly R	ISE)?	Yes	□ No		
Please provide a writt Programs and attach					your inte	rest in the 4.	5 Summer	Internship
Math or Science Tea	acher E	indorsement St	atem	ent:				
Teacher First Name: _			Т	eacher Last Na	me:			
School:	Subject:							
Email:								
Endorsement Statemer	nt:							
Background:								
Please mark which cla	asses y	ou will have com	pleted	by June 2017				
☐ Computer Science		Geometry		Calculus 2	☐ Otl	ner Technical	Course _	
☐ Algebra		Pre-Calculus		Physics	□ Otl	ner Technical	Course _	
☐ Algebra 2		Calculus 1		AP Physics	□ Otl	ner Technical	Course _	
Student Signature:	Name (please print)	Signature					Date
Parent/Guardian Signature:				51				
Teacher Endorsement Signature:	Name (please print) Signature					Date		
o.g.iataio.	Name (please print)			Signature				Date