



**Air Defense (Patriot)
Internship**

Target Majors:	Engineering, Physics, Applied Math , or related technical field
Intern Assignment:	Air Defense (Patriot)
Hiring Manager:	TBA
Job Address:	50 Apple Hill Drive, Tewksbury, MA 01876
Is Location MBTA Accessible?	No – a car is needed
Hours Per Week:	(16-30 hrs/wk)
Preferred Days of Week:	To Be Determined
Work Hours:	8:30- 5:00
Pay Rate and Travel Stipend:	\$15.00 / Hr +Travel Stipend

Company Overview: Raytheon Company is a technology and innovation leader specializing in defense, security and civil markets throughout the world. With a history of innovation spanning 92 years, Raytheon provides state-of-the-art electronics, mission systems integration and other capabilities in the areas of sensing; effects; and command, control, communications and intelligence systems; as well as a broad range of mission support services.

Department Overview:

The Integrated Air and Missile Defense (IAMDS) department provides world class weapon systems engineering. Domain expertise includes radar systems, effector systems, battle management, command and control, communications, network design, as well as battlespace integration and interoperability for domestic and international customers.

Internship Position Summary:

This is an opportunity for BHCC students from technical disciplines to explore a career in the Patriot product line at Raytheon. The ideal candidate has recently completed an undergraduate or graduate degree in engineering, math or science, and is interested in a career in the design of large scale electromechanical systems with defense applications.

Job Responsibilities:

Specific job responsibilities will be designed to match the candidate’s technical interest and academic background, but will likely include technical responsibility on a Patriot engineering team.

- Conduct data analyses using MATLAB
- Document and present technical results
- Requirements development and/or design of system level software architecture

Qualifications:

- Comfortable working independently and in a team environment.
- Interest in a career in the design of large scale electromechanical systems with missile defense applications.
- Proficient in Microsoft Office
- Enrolled in an undergraduate engineering, math or science degree program.
- Associates Degree completion or close to completion preferred