## Naval Junior Reserve Officer Training Corps (NJROTC)

**Honors Courses**

**NAVAL SCIENCE 3 – Weighted Course MS105**

**Instructors**

LT James M. Head, USN (ret) Senior Naval Science Instructor

MGySgt Franklin Dubose, USMC (ret) Naval Science Instructor

CNOCM(SW) Gary W. Peters, USN (ret) Naval Science Instructor

**Course Description**

The Naval Science 3 course introduces college level concepts to the cadets. NS3 cadets are expected to take on more leadership responsibility through the use of the leadership laboratory. The unique aspect of NJROTC is that the senior cadets lead the junior cadets in all aspects except academics. Additionally, this course provides cadets the opportunity to fully explore the challenges of leadership in the same as Petty Officers in the United States Navy.

**Curriculum**

The curriculum is divided into three distinct areas – Academics, Military/Leadership, and Physical Fitness. Cadets receive a grade in each of the areas and must pass each of the areas to successfully complete the course.

Area 1: Academics

Students will concentrate on National Policy and Government and are required to complete the following leadership modules, seminars, and assignments:

* Coursework out of the NS3 book which includes National and Strategic Maritime Policy
* Coursework out of the NS3 book which includes Military Law
* Coursework out of the NS3 book which includes Leadership studies
* Complete a project on Maritime Academies
* View and write responses to leadership vignettes
* Complete other academic assignments as required

Area 2: Military/Leadership

NS3 cadets are primarily acting as mid-level managers and begin to hone skills that will help them when they assume command during their NS4 year. Leadership is not about giving orders; it is about setting the example. Cadets are expected to meet all personal responsibilities regarding the program and to maintain excellent conduct in the entire school program. Specifically, cadets must:

1. *Wear the required uniform whenever directed*. Uniform days for juniors will be Wednesdays or Thursdays unless changed by the Naval Science Instructors. Cadets are expected and required to wear the uniform correctly and wear it throughout the school day. Excellence in the inspection process is expected. Uniform wear and excellence in inspection is the easiest way to boost grades and the easiest way to drop grades.
2. *Attend all required and recommended functions*. There are three required functions during the school year and parents are requested to ensure the cadets are available for these functions. The three functions are as follows:

* Ashland Holiday Parade
* Winter and Spring Awards
* Area Managers Inspection (in school event)

Area 3: Physical Fitness

It has been proven that a cadet who is physically fit performs better in school and is healthier than those who do not practice adequate physical training (PT) program. Cadets are required to perform PT once a week, usually on Monday or Tuesday. PT uniforms will be provided to cadets. Cadets are expected to attend PT wearing the proper uniform and sneakers (running/cross training preferred) and to perform to the best of their ability. The starting point for PT is what the cadet is capable of performing at the start. Cadets are graded against themselves rather than against other cadets. Cadets who fail/refuse to participate will receive a failing grade for the class.

**Requirements/Prerequisites for Weighted Credit**

The Naval Science 3 weighted course has four additional components and one prerequisite. All candidates for weighted credit must meet the prerequisite and complete all components. Failure to do so will void the Advance Credit award. The requirements are as follows:

1. *All candidates must successfully complete one weighted credit course in their Sophomore Year and/or receive prior permission of the Senior Naval Science Instructor*. Weighted courses include Advanced Placement, IB, and Advanced courses.
2. *All candidates must be assigned to a mid-level leadership position and perform all duties required of your assigned position*. As a leader you must devote in school and after school time to the program.
3. *All candidates must participate on a unit team*. Leaders lead from the front and this means being active in the program. Additionally the candidate must be a member in good standing of one of the competition teams. This requires the candidate to attend all practices and competitions.
4. All Junior Leaders (Petty Officers) must be able to provide instruction. After several lessons in Instructional techniques, the candidate will present two lessons as follows:

* 5 minute extemporaneous short lesson
* 20 minute instructional lesson in which you will teach a task

1. *All candidates must complete required readings during the summer and school year*. A successful officer is well read. An officer and leader in the NJROTC program must be the same. During the summer preceding the senior year, the candidate must read and provide a written review on A Sailor’s History of the US Navy by Thomas J. Cutler. This is one of the better books available concerning the history of the United States Navy and is presented from the view of the enlisted sailor. The candidate is also required to read three books from the US Navy Junior Officer required reading list and write a review on the same.

## NAVAL SCIENCE 4 – Weighted Course MS106

**Instructors**

LT James M. Head, USN (ret) Senior Naval Science Instructor

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CNOCM(SW) Gary W. Peters, USN (ret) Naval Science Instructor

**Course Description**

The Naval Science 4 weighted course is primarily a leadership laboratory and provides senior cadets the opportunity to lead junior cadets in all aspects except academics. Additionally, this course provides cadets the opportunity to fully explore the challenges of leadership in the same manner as Junior Officers in the United States Navy. In addition to the requirements of Naval Science 4, candidates for weighted credit must meet additional requirements which include required readings, filling leadership positions, and team membership.

**Curriculum**

The curriculum is divided into three distinct areas – Academics, Military/Leadership, and Physical Fitness. Cadets receive a grade in each of the areas and must pass each of the areas to successfully complete the course.

Area 1: Academics

Students will concentrate on leadership and management instruction and are required to complete the following leadership modules and seminars:

1. Fundamentals of Leadership
2. Leadership Group Dynamics
3. Thoughts on Man’s Purpose
4. Theory of Human Motivation
5. Platoon Management
6. Seminar on Motivation
7. Leadership is Flesh and Blood
8. Look, Listen Lead
9. Positive Leadership techniques
10. Military Drill Instruction Methods

Area 2: Military/Leadership

As cadets will learn in the above modules and seminars, the primary responsibility of the NS4 is to lead the junior cadets. Leadership is not about giving orders; it is about setting the example. Cadets are expected to meet all personal responsibilities regarding the program and to maintain excellent conduct in the entire school program. Specifically, cadets must:

1. *Wear the required uniform whenever directed*. Uniform days for seniors will be Wednesdays unless changed by the Naval Science Instructors. Cadets are expected and required to wear the uniform correctly and wear it throughout the school day. Excellence in the inspection process is expected. Uniform wear and excellence in inspection is the easiest way to boost grades and the easiest way to drop grades.
2. *Attend all required and recommended functions*. There are three required functions during the school year and parents are requested to ensure the cadets are available for these functions. The three functions are as follows:

* Ashland Holiday Parade
* Winter and Spring Awards
* Area Managers Inspection (in school event)

Area 3: Physical Fitness

It has been proven that a cadet who is physically fit performs better in school and is healthier than those who do not practice adequate physical training (PT) program. Cadets are required to perform PT once a week, usually on Monday or Tuesday. PT uniforms will be provided to cadets. Cadets are expected to attend PT wearing the proper uniform and sneakers (running/cross training preferred) and to perform to the best of their ability. The starting point for PT is what the cadet is capable of performing at the start. Cadets are graded against themselves rather than against other cadets. Cadets who fail/refuse to participate will receive a failing grade for the class.

**Requirements/Prerequisites for Weighted Credit**

The Naval Science 4 weighted course has three additional components and one prerequisite. All candidates for weighted credit must meet the prerequisite and complete all components. Failure to do so will void the Advance Credit award. The requirements are as follows:

1. *All candidates must successfully complete one weighted credit course in their Junior Year and/or receive prior permission of the Senior Naval Science Instructor*. Weighted courses include Advanced Placement, IB, and Advanced courses.
2. *All candidates must be assigned to a leadership position and perform all duties required of your assigned position*. As a leader you must devote in school and after school time to the program.
3. *All candidates must participate on a unit team*. Leaders lead from the front and this means being active in the program. Additionally the candidate must be a member in good standing of one of the competition teams. This requires the candidate to attend all practices and competitions.
4. *All candidates must complete required readings during the summer and school year*. A successful officer is well read. An officer and leader in the NJROTC program must be the same. During the summer preceding the senior year, the candidate must read and provide a written review on It’s Your Ship by Captain D. Michael Abrashoff. This is one of the better management books available today and specifically addresses management as it pertains to failing programs and organizations facing challenges. The candidate is also required to read three books from the US Navy Junior Officer required reading list and write a review on the same.