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C.b.40

WAR DEPARTMENT

COMMITTEE ON EDUCATION AND SPECIAL TRAINING

SPECIAL BULLETIN

ON

PROGRAM FOR NAVAL SECTIONS

1. As far as practicable, students in the Naval Sections of the Students Army Training Corps should follow an approved course in Mechanical Engineering. (See Special Bulletin C.b.26, on Programs in Engineering.) Steam and Gas Engine subjects are necessary for students who attempt to qualify for Engineer Officers Schools, Naval Auxiliary Reserve.
2. The program suggested below is for students who wish to prepare for line (deck) duty after further training in one of the Naval Training Station Schools maintained in the several Naval Districts of the country. The program is not prescribed, but may be taken as an example of what will be proved. Assignments to naval duty will depend on the special qualifications of the student and on the emergency demands of the service. There is no guarantee that students who pursue the subjoined program will be admitted to Officer-Material Schools.
3. Terms should be arranged on a quarterly basis, in each term twelve weeks being devoted to instruction and examination. The subjects listed in the program should be continued from term to term, each term's work constituting a unit and advancing the student to a definite stage of accomplishment. The length of time students will be permitted to continue their studies will depend on the needs of the service and the academic record of the student.
4. The hours given in the program represent the total time to be devoted each week to the subjects named, including class work, supervised study, laboratory and field work. So far as is possible, instruction in all subjects should have reference to the needs and problems of the navy and to naval life and duties.

5. Eleven hours a week must be devoted to military and naval instruction throughout the program. The course in War Issues is prescribed for nine hours a week for three terms, but certain students may be excused from this course under par. 26 of the Special Regulations. (See also Bulletins C.e.12 and C.e.13.)

6. Students may enter advanced courses in any of the subjects named in the program whenever in the opinion of the instructor they are qualified to do so. In the course in Mathematics the usual order of subjects in college work should be followed, with special emphasis on work of value in naval theory and practice. The work should be thorough and should be done without effort to hasten the student at the expense of careful instruction. Students who have already had a college course in Physics may take Chemistry in place of Physics, or may pursue either Chemistry or Physics in advanced courses for which they are qualified. Meteorology will also be accepted as an elective, following Physics. Students who have had a year of college work in English Composition, or its equivalent, and have attained satisfactory standing in the subject, may devote the six hours assigned to English to an elective or to additional work in one of the other subjects in the program. Students excused from the course in War Issues may elect nine hours of work in History, Economics, or Government.

7. The course approved for first year students is as follows:

Military Instruction	11 hours
War Issues	9 hours
Mathematics	9 hours
Physics	9 hours
French or Spanish	9 hours
English	6 hours

8. Students who are capable of advanced work in German may elect German instead of French or Spanish. Proficiency in a single language is to be considered more important than an elementary knowledge of more than one.

9. Institutions in which Astronomy and Navigation or technical Naval subjects can be competently taught should submit for approval programs including these subjects.

10. Students who wish to enter the Paymaster Corps should elect courses in Economics (Accounting, Business Management) after they have satisfied the requirements in English or in War Issues. Students who wish to enter the Naval Air Service should similarly elect Map-reading and Navigation (see Program B, Circular C.a.4), but such students should consult a Naval Officer concerning the special requirements for candidates for Naval Aviation.

11. Military Instruction will cover special Naval Instruction in institutions to which Naval Officers are assigned with a sufficient complement of naval instructors. Students in such institutions will be told by the Naval Officer in command what naval texts to procure.

12. Students in professional schools may enter Naval Sections of the Students Army Training Corps. Their professional study will be governed by the statements in the Bulletins of the Committee issued to schools of law, architecture, etc.

COMMITTEE ON EDUCATION AND SPECIAL TRAINING,

**By R. C. Maclaurin,
Educational Director, Collegiate Section.**

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