

NROTCUUCBNOTE 1533
04 Sept 14

NROTC UNIT UNIVERSITY OF CALIFORNIA BERKELEY NOTICE 1533

Subj: REQUIRED AND EQUIVALENT COURSES

Ref: (a) CNSTCINST 1533.2
(b) NROTCUUCBINST 1533.6Q
(c) CNETINST 1533.12G

Encl: (1) List of Required and Equivalent Courses

1. Purpose. This notice establishes a list of equivalent courses at those universities having cross-town agreements with the NROTC Unit at the University of California, Berkeley.

2. Discussion. Enclosure (1) lists courses at the University of California, Berkeley and at each cross-town university designated as satisfying the requirements of references (a) through (c). If a student desires to take a course other than those designated in enclosure (1), a request chit will be submitted with supporting documentation, i.e., syllabus, course description, etc. via the advisor to the Commanding Officer for approval.

3. Action. If an equivalent course is approved, the appropriate advisor will include a memorandum for the record of the action in the student's individual academic file and provide one copy to each advisor as a supplement to this notice.

M. J. Slotsky

Distribution:
All Staff

NAVAL ROTC UNIT UC BERKELEY EQUIVALENT COURSES

Marine Option midshipmen are required only to complete the American Military History and National Security Policy requirement. Scholarship Navy Option midshipmen must complete all requirements on this list. See your advisor for additional information.

The following is a list of approved courses. If there is a course you would like to see added to this list, submit a request chit to your academic advisor.

Classes which fulfill one NROTC required course may not be used to fulfill any other NROTC required courses. For example, a class that fulfills the NROTC English requirement cannot be used to also fulfill the World Culture and Regional Studies requirement.

Classes taken must fulfill the number of units required noted. For example, JAPANGEN may be 2-5 units at Stanford according to its course catalog. However, only JAPANGEN courses which are 4-5 units may be taken to fulfill the 4 unit minimum-World Culture and Region Studies requirement.

Only AP credit which are included in a midshipman's official college transcript may be used. AP credit which is on a midshipman's high school transcript but not on the college transcript will not be allowed to fulfill any NROTC required courses.

CALCULUS

- This requirement can partially be fulfilled with AP credit. Restrictions apply. See your academic advisor for more information.

UC BERKELEY 6 UNITS	STANFORD 9 UNITS	CAL MARITIME 6 UNITS	UC DAVIS 9 UNITS
MATH 1A/1B	MATH 19/20/21	MTH 210/211	MAT 16A/16B/16C
MATH 16A/16B	MATH 41/42	MTH 212/215	MAT 17A/17B/17C
MATH (H) 53 (M) , (H) 54 (M)	MATH 51 (H) , 52 (H) , 53 (H)		MAT 21A (H) / 21B (H) /21C (H)
			MAT 21M/21C (H)
			MAT 21D, 22A, 22B

* Series are noted with "/", as in Math X/Y/Z. In this instance, the student must take Math X, Y, and Z to meet the requirement.

** Courses noted with parenthetical designations are optional. For example, Math (H)1B(M), either Math IB, H1B, or IBM meets the requirement.

PHYSICS

- This requirement can partially be fulfilled with AP credit.

UC BERKELEY 6 UNITS	STANFORD 9 UNITS	CAL MARITIME 6 UNITS	UC DAVIS 9 UNITS
PHYSICS (H) 7A/ (H) 7B/ (H) 7C	PHYSICS 41/43/45	PHY 200/205	PHY 7A/7B/7C
PHYSICS 8A/8B	PHYSICS 61/63/65		PHY (H) 9A/ (H) 9B/ (H) 9C/ (H) 9D

See notes * and **, paragraph 1.

AMERICAN MILITARY HISTORY AND NATIONAL SECURITY POLICY

- This requirement cannot be fulfilled with AP credit.
- These courses should focus on U.S. military history, world military history, U.S. National Security policy, or combinations of these topics. The courses will be approved by the PNS.

UC BERKELEY 3 UNITS	STANFORD 4 UNITS	CAL MARITIME 3 UNITS	UC DAVIS 4 UNITS
AEROSPACE STUDIES 1A/B, 2A/B	AMSTUD 2,150A/B/C	HIS 100,101, 300,315,316, 360	HIS 17A/B,120, 174B/C
HISTORY 7A/B, 130B,162B	ETHICSOC 205R,305R	GMA 100,215, 220,300,310, 330,	IRE 1
MIL SCI 142	HISTORY 103E/F,104D, 157,202,202G, 256,261G,266C, 302G,356	LAW 300	POL 1,3,121,132,135, 136
MIL AFF 145, 154	INTNREL 1,110D		SAS 7
PACS 10, 127	IPS 211,219,241, 244,264,248,316S		
POL SCI 124A	MS&E 193,293		
	POLISCI 1,2, 110D/Y,114S,116, 118P,128S,213S, 214R,314R,316		

*Marine Option midshipmen may not use MIL AFF 20 and MIL AFF 154 to satisfy the Military History/National Security requirement.

WORLD CULTURE AND REGIONAL STUDIES

- This requirement cannot be fulfilled with AP credit.
- These courses must have an emphasis on Third World, Far East, and/or Southwest Asia. This academic requirement is designed to expand in our future officer corps the awareness, knowledge, and sensitivity of world cultures and peoples. The courses should be approved by the PNS.

UC BERKELEY 3 UNITS	STANFORD 4 UNITS	CAL MARITIME 3 UNITS	UC DAVIS 4 UNITS
AFRICAM 4A/B,112A/B, 123,131	AFRICAAM 133	GMA 100, 105,215,220, 225,310,315, 330M,345,360	AAS 12,16,17,18, 52,107A,110,111, 153,156,176,177, 190
ANTHRO 181,183	AFRICAST 109,112, 138,139A,209, 238,301A	HIS 210	ANT 140A/B,142, 143A,144,145,148A, 149A/B
ASIANST 10,150	AMELANG (All language offerings)	HUM 110,305, 325	ARB 121,122,123
CHICANO C161	ANTHRO 4		CHN 10,11,50,100A, 101,103,104,105, 108,110,111,112, 113
CHINESE 7A,7B,183	CHINGEN 73N,91, 141,152,170,241, 252		HIS 6,8,9A/B,11, 15,112A/B/C,113, 115A/B/C/D/E/F, 116,190A/B/C/D, 191A/B/C/D/E/F, 193A/B/C/D, 194A/B/C/D/E, 195B,196A/B
EA LANG C50,C128	CHINLIT 93,192, 292,371,392B		JPN 10,15S,25,50, 101,102,103,104, 105,106,107,108, 109,111,112,113
GEOG C55,C157	CHINLANG 121,211, 211B		MSA 100,112,150, 180
HISTORY 6A/B, 8A/B,10,12, 14, 111C,112B, 114A, 118A	COMPLIT 37Q, 38Q,145		RST 1,12,21,23,30, 60,65C,67,68,69, 124,125,126,130, 131,132,156,157, 160,161,162,163, 165,167,170,172, 175A
JAPAN 7A,7B,102	EASTASN 94,97, 162,189K,262,289K, 294,297		SOC 145A,147,188
KOREAN 7A,7B	ETHICSOC 136R		
LATAMST 10,150	FEMGEN		

	130, 139, 150, 181A, 250		
NE STUD (All lecture offerings)	HISTORY 3, 4N, 7E, 45B, 65D, 70, 78N, 82C, 84, 87, 93, 93S, 94B, 95, 98, 98N, 99S, 102, 106A, 107E, 145B, 147, 182C, 184, 187, 193, 194B, 195, 195C, 197, 198, 245, 248S, 249S, 284F, 286, 292D, 292F, 345B, 356, 384F, 386, 392D, 392B/F, 395, 398, 448A, 448B, 493		
MIDDLE EASTERN STUD 20	INTNLREL 71Q, 136R		
POL SCI 128, 143A/B, 144, 144B, 145A	JAPANGEN 51, 82N, 92, 133, 238, 251		
RELIGST C103, C163, C165	JAPANLNG 21, 22, 23, 101, 102, 103, 113F, 114F, 115F		
SOCIOL 183	POLISCI 140L, 141, 148, 149S, 245R, 246P, 248S		
S ASIAN 1B, C114, C128, C140, 144, 147	JEWSHST 4N, 37Q, 84, 184, 286, 386		
S, SEASN C52, C145	KORGEN 120, 220		
	KORLANG 101, 102, 103, 120K		
	KORLIT 231		
	RELIGST 1, 50, 61, 160, 188A, 201, 209, 224, 301, 309, 324		
	SPECLANG 109A/B/C, 144A/B/C, 145A/B/C, 146A/B/C, 150A/B/C, 151A/B/C, 152A/B/C, 153A/B/C, 154A/B/C, 156A/B/C, 157A/B/C, 162A/B/C, 174A/B/C, 176A/B/C, 183A/B/C, 192A/B/C, 224A/B/C		
	TIBETLNG 1, 2, 3, 21, 23		

ENGLISH

- AP credit may be used to fulfill up to three (3) units of the NROTC English requirement for ALL schools, provided your scores meet the criteria set forth by your particular university/college (Letters and Science, Engineering, Environmental Sciences, etc.)
- Courses that satisfy the NROTC English requirement MAY NOT satisfy the English requirement of individual majors. For example: at UC Davis, English 104B meets the English requirement in the College of Letters and Science but NOT in the College of Engineering. If possible, plan courses so that they fulfill both NROTC and degree requirements.
- These courses, which total six semester hours or equivalent, must concentrate on the areas of grammar and composition and require significant student writings. The courses should be approved by the PNS.
- This list is not all inclusive. Please see your LT Advisor for any class not listed.

UC BERKELEY 6 UNITS	STANFORD 6 UNITS	CAL MARITIME 6 UNITS	UC DAVIS 6 UNITS
Any course which satisfies either half of the R&C requirement for students in the College of Letters and Science (all R#A and R#B-designated courses)	COMPLIT (All lecture offerings)	EGL 100,200,300,330	Any course listed with "Wrt" that fulfills the UC Davis GE writing requirement.
COM LIT (All lecture offerings)	ENGLISH (All lecture offerings)		COM (All lecture offerings)
ENGLISH (All lecture offerings)			ENL (All lecture offerings)
RHETOR (All lecture offerings)			UWP (All lecture offerings)

--CMA ONLY--

The following is a list of courses offered at the California Maritime Academy the midshipmen may take in place of Naval Science courses. The Naval Science classes (NSC) are led by active-duty Naval officers, who serve as instructors/Officers in Charge for the United States Navy Reserve/Merchant Marine Reserve unit. The curriculum is prepared by CNET.

In order to enroll in one of these courses, midshipmen must:

- A) Submit a chit and gain approval from the CO.
- B) Ensure that the course will not place them on Drill Conflict (DC) status.
- C) Demonstrate that enrolling in the NSC course will not delay their graduation.

<u>CMA Course</u>	<u>Equivalent Berkeley Course</u>
Naval Science of the Merchant Marine Officer (MMO) NSC 100	NS 1
Leadership, Ethics, and Naval Science for the MMO NSC 400	NS 412
Navigation (For Engineers) NSC 315	NS 12A
Navigation I NAU 100	NS 12A
Marine Engineering NAU 120	NS 10
Introduction to Marine Engineering/Lab EPO 125L	NS 10