

THE COLLEGE OF NEW JERSEY
ACADEMIC EVALUATION

DEGREE REQUIREMENTS (Control Sheet) FORPHYSICS TEACHER PREP.-PHYT

NAME _____ **SS#** _____

Retain this sheet to record progress toward your degree. Eligibility for graduation requires:
1) completion of, or testing out of, courses printed below;

- 2) minimum of 42 s.h. earned at TCNJ excluding credit by exam;
- 3) a minimum total of 128 s.h. excluding Basic Skills courses;
- 4) a cumulative Grade Point Average of 2.75
- 5) completion of all departmental requirements;
- 6) department may set an additional graduation/exit standard requiring a minimum grade of C- in all or some courses required in the major. See department chairperson.

A. GENERAL EDUCATION REQUIREMENTS 32- 51 S.H.
(Consult 2003-2004 College Catalog or Course Schedule for acceptable courses)

I. INTELLECTUAL SKILLS 0 - 19 S.H. _____

GROUP A: ACADEMIC WRITING 4 S.H.

_____ WRI 102 Academic Writing 4

GROUP B: MATHEMATICS 0 - 6 S.H.

___MATH 127 Calculus I 3 ___MATH 128 Calculus II 3

GROUP C: FOREIGN LANGUAGES ... (Courses in same language)... 0 - 9 S.H.

Strongly urged to take during the first year.

_____ 3 S.H. _____ 3 S.H. _____ 3 S.H.

II. INTERDISCIPLINARY CORE: UNDERSTANDING HUMANITY 6 S.H. _____

A: ATHENS TO NEW YORK _____ IDSC 151 3

B: SOCIETY, ETHICS, AND TECHNOLOGY _____ IDSC 252 3

III. PERSPECTIVES ON THE WORLD 26 S.H. _____

[DIVERSITY DISTRIBUTION Satisfied in A and B below]

Satisfactory completion of 1) Non-Western, Native American, Third World

Culture _____, 2) Western Culture _____, and 3) Gender Studies _____

GROUP A: NATURAL AND SOCIAL SCIENTIFIC PERSPECTIVES 14 S.H.

1. NATURAL SCIENCES: (8 S.H.)

___CHEM 201 Gen. Chemistry I 4 ___CHEM 202 Gen. Chemistry II 4

2. SOCIAL SCIENCES: Completion of one approved "Content" course and one

approved "Process" course. (6 S.H.) (C)___EDFN 403* 3 (P)_____ 3

*(double counted in Professional Education)

GROUP B: HUMANISTIC AND ARTISTIC PERSPECTIVES 12 S.H.

1. FINE OR PERFORMING ARTS _____ 3 3. LITERATURE _____ 3

2. HISTORY _____ CHEM 340* 3 4. PHILOSOPHY/RELIG ___PHIL 230* 3

*(double counted in major)

PHYT

NAME _____ SS# _____

B. MAJOR REQUIREMENTS.....52-53 S.H. _____

A. Physics Required Courses30

___ PHYS 201 General Physics I	4	___ CMSC 215 Comp Sci I	3
___ PHYS 202 General Physics II	4	___ MTRL 171 Intro Meteorology	4
___ PHYS 311 Elec & Electron	4	___ ASTR 161 Des Astronomy	4
___ PHYS 321 Modern Physics	4	___ GOLG 120 Intro Geology	4

B. Physics Options.....22/23

___ CHEM 340 Hist Chem/Phys	0	___ PHIL 230 Philos Iss in Sci	0
___ PHYS 261 Astronomy II	4	___ Golg 220 Geology II	4
___ PHYS 421 Emag Theory I	3	___ PHYS 401 Mechanics	3
___ PHYS 306 Math Physics	3	___ PHYS 411 Optics & Waves	4
___ PHYS 422 Emag Theory II	3	___ PHYS 416 Heat & Thermo	3
___ PHYS 426 Nuclear	3	___ PHYS 431 Quantum	3
___ PHYS 451 Adv Laboratory	2	___ PHYS 466 Astrophysics	3
___ PHYS 313 Gen. Relativity	3	___ PHYS 499 Ind. Study/Phys	Varies
___ PHYS 316 Int Phys for Med & Bio	3	___ MATH 326 Diff Equations	3
___ CHEM 353 Organic Chem I	4	OR	
___ CHEM 354 Organic Chem II	4	___ MATH 386 Diff Eq & Num Tech	3
___ MATH 229 Calc III	3	___ BIOL 183 Gen Biology I	4
___ BIOL 184 Gen Biology II	4		

C. PROFESSIONAL EDUCATION.....27

___ EDFN 403 Sch in Amer Cult	3	___ RDLG 328 Tchng Reading	2
___ PHYS 390 Meth Tch Sci	3	___ SCED 203 Soph Field Exp	2
___ PHYS 489 Sem Stud Tchng	1	___ SCED 303 Jr Prof Exp	6
___ PHYS 490 Student Tchng	10	___ SCED 489 Sem Stud Tchng	1

C. ELECTIVES AND COLLEGE SEMINAR2 S.H.

___ PHYS 099 Physics Introductory Seminar 0

EVALUATOR _____ DATE _____