

# PHYSICS CHECKLIST

## MAJOR: Pre-Engineering 2-2 Program

NAME: _____
E# _____ Catalog Yr _____
Advisor _____ Yr Graduate _____
Home Address/Phone _____
Local Address/Phone _____

### Major Requirements (This option does not lead to a degree from EIU)

	Grade	Sem Taken	
PHY 1001.....	____/____	.....	(1 SH; S).....Intro to Physics & Engineering
PHY 1351G (1391G) ..	____/____	.....	(3 SH; F) .....General Physics I
PHY 1352G (1392G) ...	____/____	.....	(1 SH; F) .....General Physics Lab I
PHY 1361 .....	____/____	.....	(3 SH; S) .....General Physics II
PHY 1362 .....	____/____	.....	(1 SH; S) .....General Physics Lab II
PHY 1371 .....	____/____	.....	(3 SH; F) .....General Physics III
PHY 1372 .....	____/____	.....	(1 SH; F) .....General Physics Lab III
PHY 2390.....	____/____	.....	(3 SH; F) .....Statics
PHY 2450.....	____/____	.....	(3 SH; S) .....Classical Dynamics
PHY 3150.....	____/____	.....	(4 SH; F) .....Electronics
CHM 1310G.....	____/____	.....	(3 SH; F, S) .....General Chemistry I
CHM 1315G.....	____/____	.....	(1 SH; F, S) .....General Chemistry Lab I
CHM 1410 .....	____/____	.....	(3 SH; F, S) .....General Chemistry II
CHM 1415 .....	____/____	.....	(1 SH; F, S) .....General Chemistry Lab II
CSM 2170 .....	____/____	.....	(4 SH; F, S) .....Computer Science I
EEN 1100.....	____/____	.....	(3 SH; S) .....Introduction to Logic Design
EEN 1101 .....	____/____	.....	(1 SH; S) .....Introduction to Logic Design Lab
EGT 2043.....	____/____	.....	(3 SH; F).....Computer Aided Engineering Drawing
ENG 1001G .....	____/____	.....	(3 SH; F)..... College Composition I
ENG 1002G .....	____/____	.....	(3 SH; F)..... College Composition II
MAT 1441G (1440G)...	____/____	.....	(5(4) SH; F, S)...Calculus I
MAT 2442.....	____/____	.....	(5 SH; F, S) .....Calculus II
MAT 2443.....	____/____	.....	(4 SH; F, S) .....Calculus III
MAT 3501.....	____/____	.....	(3 SH; S) .....Differential Equations I

**Humanities and Social Studies courses must be approved by the Pre-Engineering Coordinator (6 semester hours)**

**Graduation Requirements (This program does not lead to a degree and so these requirements do not apply, but may help in transferring)**

- \_\_\_\_\_ 120 Semester hours (SH)
- \_\_\_\_\_ 2.00 Cumulative GPA
- \_\_\_\_\_ 2.00 Major GPA
- \_\_\_\_\_ 42 SH in residence at EIU
- \_\_\_\_\_ 32 SH Junior-Senior Residency
- \_\_\_\_\_ 12 SH senior residency
- \_\_\_\_\_ 56 SH at senior institution (Transfer students)
- \_\_\_\_\_ 40 SH of upper division courses (3000-4000)
- \_\_\_\_\_ Senior Seminar (after completion of 75 hours)
- \_\_\_\_\_ Cultural Diversity (designated with an \* in catalog)
- \_\_\_\_\_ Application for degree. (Apply for graduation after 60 SH)

**Electronic Writing Portfolio**

Information about the Electronic Writing Portfolio is available at <http://www.eiu.edu/~assess/ewpmain.php>.

**Foreign Language (0-8 SH) Exempt? Yes / No**

Exemption? Two years in a single foreign language in high school with an average grade of C or better.

Course	Sem Hrs	Grade	Sem Taken
_____	_____	_____	_____

**Senior Seminar (3 semester hours)**

Taken after student has completed 75 hours.

Course	Sem Hrs	Grade	Sem Taken
_____	_____	_____	_____

**General Education Requirements**

A student transferring to Eastern Illinois University who has received an Associate in Art (AA), an Associate in Science (AS) or an Associate in Science and Arts (ASA) degree from an Illinois public community college, Lincoln College, or Springfield College in Illinois, is considered as having:

- Junior status
- A minimum of 60 semester hours of transfer credit accepted
- The cultural diversity, and the constitution requirements automatically waived
- Lower division general education requirements met

All students will still have to complete [Eastern's graduation requirements](#)

**Humanities & Fine Arts (9 semester hours)**

Student must successfully complete at least one course from humanities and one from fine arts, from at least two different disciplines.

Course	Sem Hrs	Grade	Sem Taken
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**Mathematics (3 semester hours)**

This requirement is met with major requirements

**Language (9 semester hours) Grade of C or better**

	Grade	Sem Taken
ENG 1001G (1091G) 3 SH	_____	_____
ENG 1002G (1092G) 3 SH	_____	_____
CMN 1310G (1391G) 3 SH	_____	_____

**Scientific Awareness (7 semester hours)**

Only need to take a Biological Science course the rest is fulfilled by the major.

Course	Sem Hrs	Grade	Sem Taken
_____	_____	_____	_____

**Social & Behavioral Sciences (9 sem. hrs.)**

Courses must be selected from two different disciplines.

Course	Sem Hrs	Grade	Sem Taken
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**We highly recommend that you log into PAWS and do a DegreeWorks audit to help determine what classes are needed for graduation!**