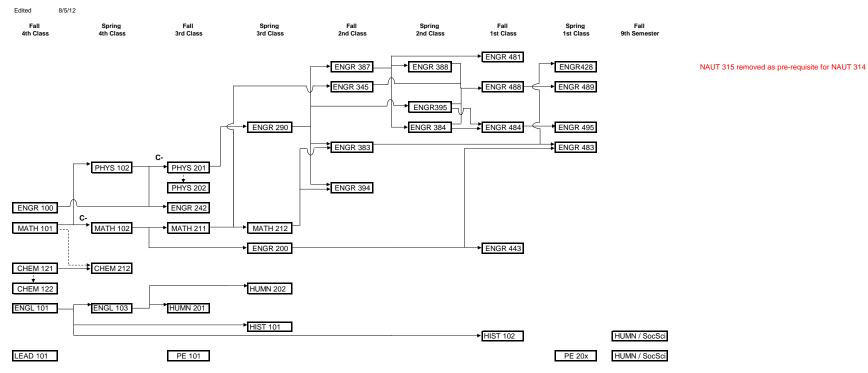
# 2012-2013 Degree Curricula

# Flow Charts



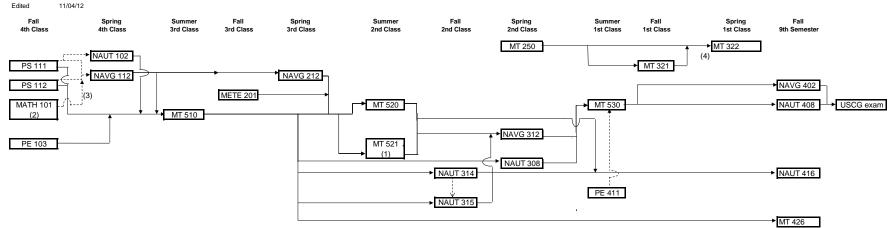


# B.E. Electrical Engineering - Deck License for 2016 Graduates

USCG Deck License Students must also take License courses as shown on the "USCG Deck License Courses for B.E. in Electrical Engineering" Flow sheet. Note:

Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.

C-Students must have a minimum grade of C- in MATH 101 as a pre-requisite for MATH 102.

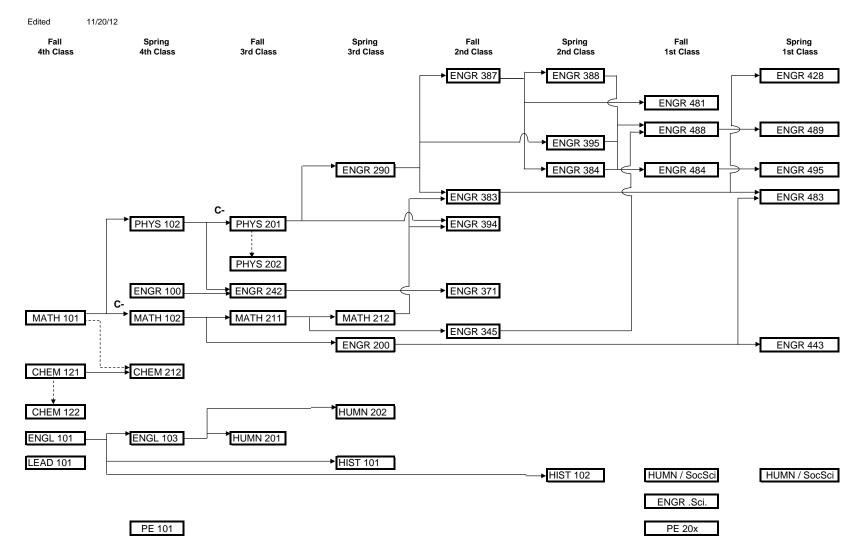


# USCG Deck License Courses for B.E. in Electrical Engineering for 2016 Graduates

Notes

MT 521 (Cadet Observer) in lieu of MT 520.

- (1) Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to. - -
- Also listed on Marine Electrical and Electronic Deck Curriculum flow chart. (2)
- (3) (4) Corequisite is MATH 90.
- Prerequisite for MT 322 is MT 250 or MT 321

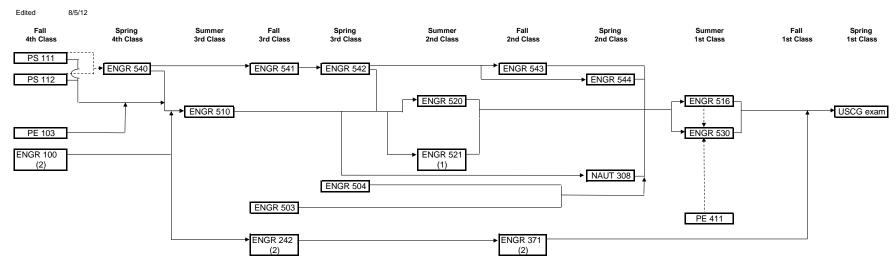


# B.E. Electrical Engineering - Engine License for 2016 Graduates

Note: USCG Engine License Students must also take License courses as shown on the "USCG Engine License Courses for B.E. in Electrical Engineering" Flow sheet.

Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.

C- Students must have a minimum grade of C- in MATH 101 as a pre-requisite for MATH 102.



# USCG Engine License Courses for B.E. in Electrical Engineering for 2016 Graduates

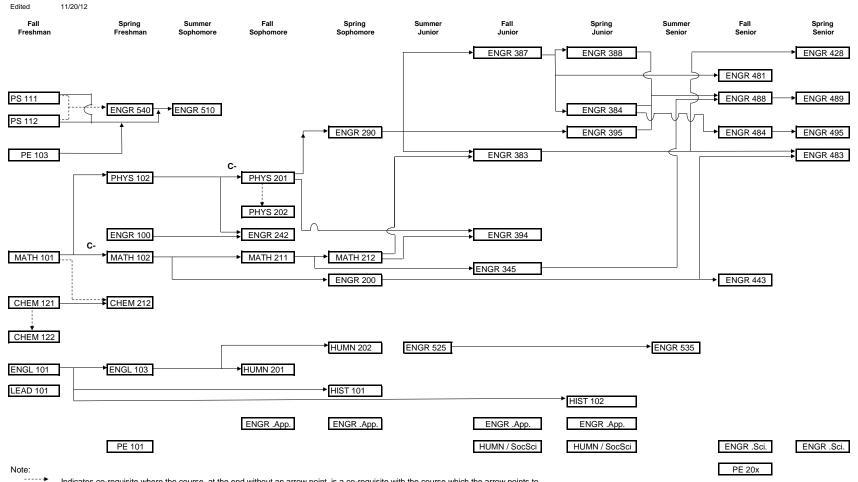
Notes

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(1)

ENGR 521 (Cadet Observer) in lieu of ENGR 520. Also listed on Electrical Engineering Curriculum flow chart. (2)

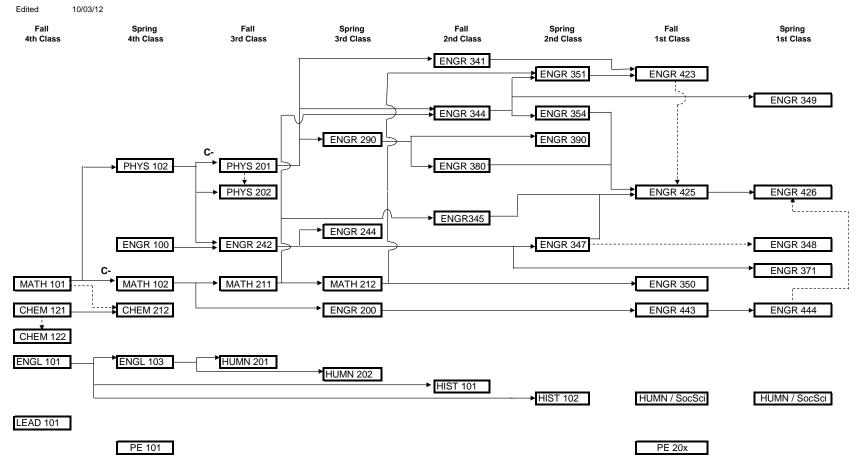
Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.



# B.E. Electrical Engineering - Intern Option for 2016 Graduates

Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.

C-Students must have a minimum grade of C- in MATH 101 as a pre-requisite for MATH 102.

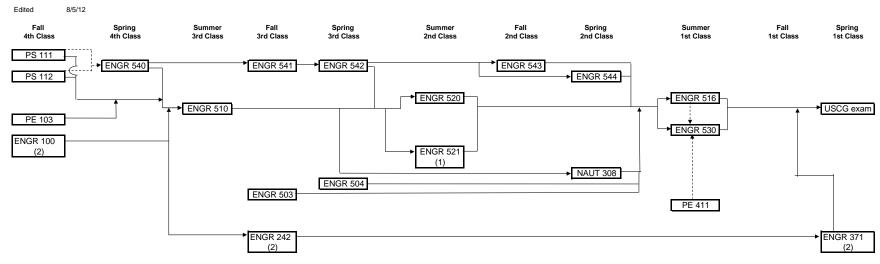


# B.E. Facilites Engineering - Engine License for 2016 Graduates

Note: USCG Engine License Students must also take License courses as shown on the "USCG Engine License Courses for B.E. in Facilities Engineering" Flow sheet.

Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.

C- Students must have a minimum grade of C- in MATH 101 as a pre-requisite for MATH 102.



# USCG Engine License Courses for B.E. in Facilities Engineering for 2016 Graduates

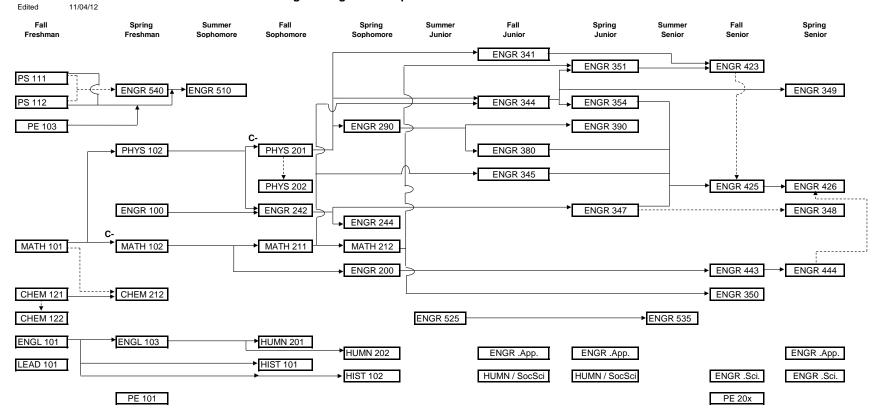
Notes

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(1)

ENGR 521 (Cadet Observer) in lieu of ENGR 520. Also listed on Facilities Engineering Curriculum flow chart. (2)

Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.

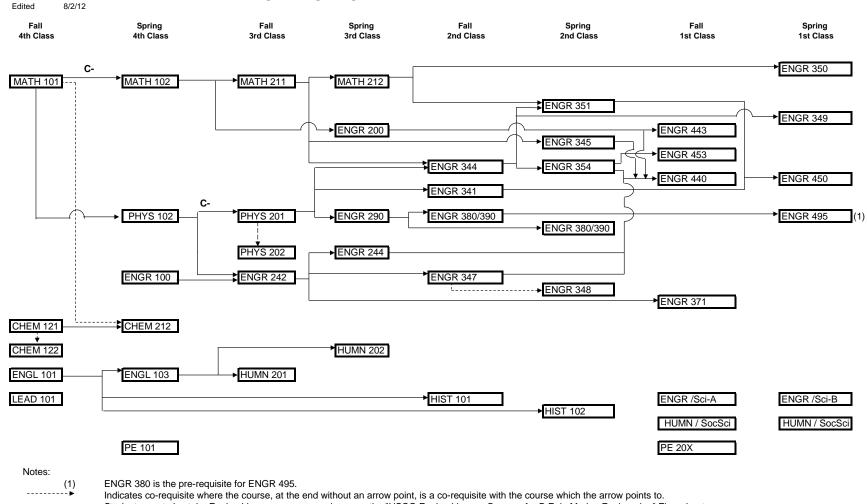


# B.E. Facilites Engineering - Intern Option for 2016 Graduates

Note:

Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.

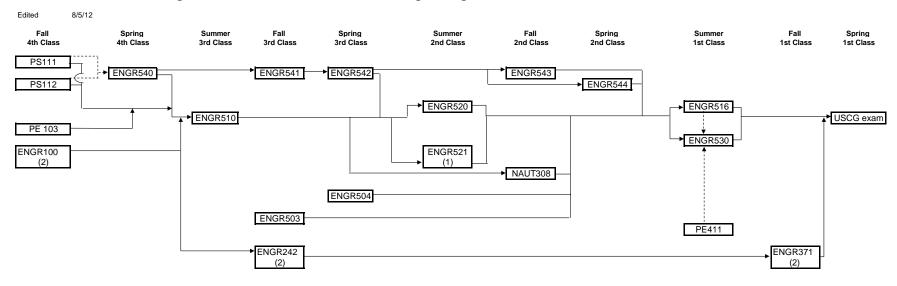
C- Students must have a minimum grade of C- in MATH 101 as a pre-requisite for MATH 102.



# B.E. Marine Engineering - Engine License for 2016 Graduates

Students must also take Engine License courses as shown on the "USCG Engine License Courses for B.E. in Marine Engineering" Flow sheet. Students must have a minimum grade of C- in MATH 101 as a pre-requisite for MATH 102.

C- Students must have a minimum grade of C- in MATH 101 as a pre-requisite for MATH 102. C- Students must have a minimum grade of C- in PHYS 102 as a pre-requisite for PHYS 201.



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# USCG Engine License Courses for B.E. in Marine Engineering for 2016 Graduates

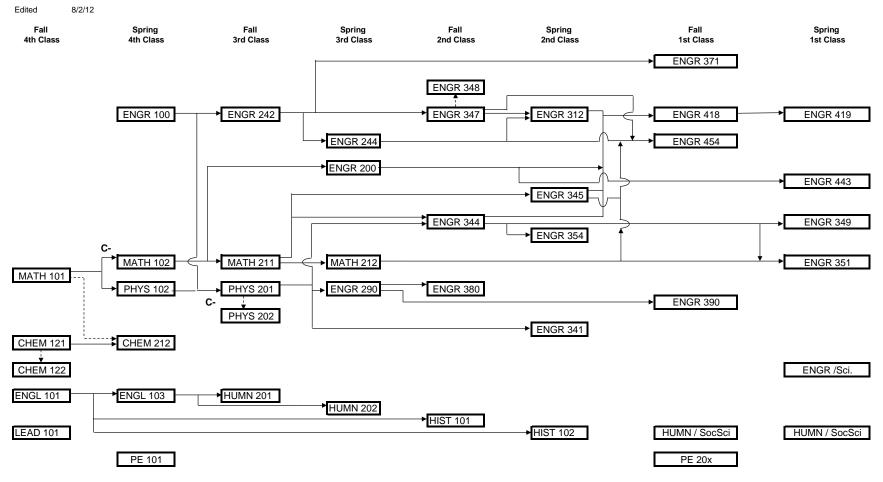
Notes

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(1) ENGR521 (Cadet Observer) in lieu of ENGR520.

(2) Also listed on Marine Engineering Program Curriculum flow chart.

Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.

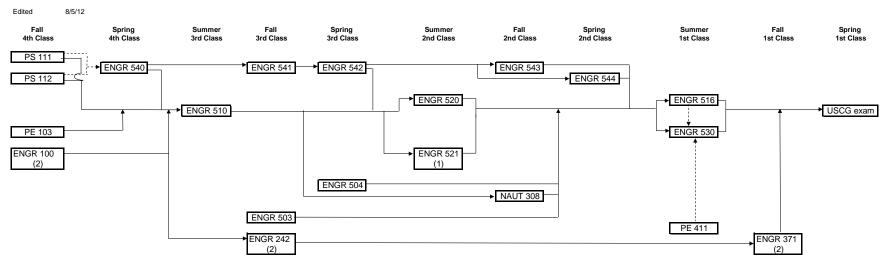


# B.E. Mechanical Engineering - Engine License for 2016 Graduates

Notes: USCG Engine License Students must also take License courses as shown on the "USCG Engine License Courses for B.E. in Mechanical Engineering" Flow sheet.

Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.

C- Students must have a minimum grade of C- in MATH 101 as a pre-requisite for MATH 102.



# USCG Engine License Courses for B.E. in Mechanical Engineering for 2016 Graduates

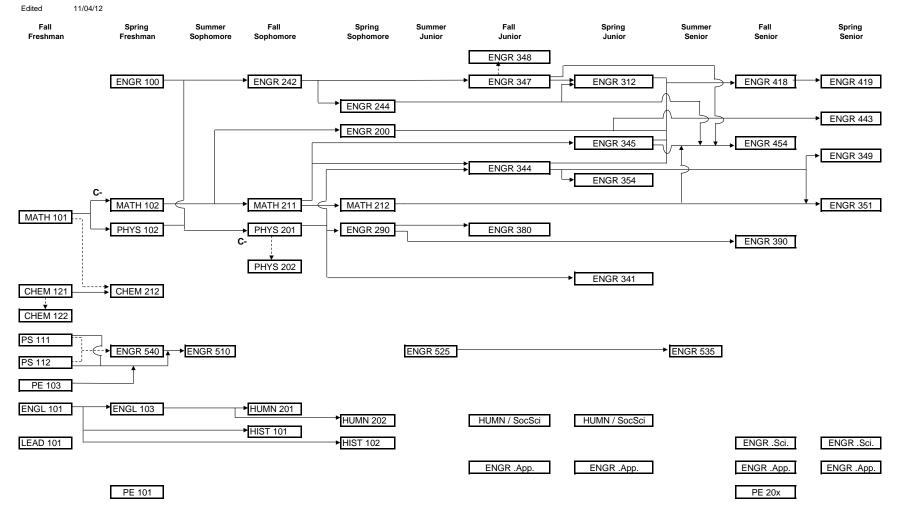
Notes

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(1) ENGR 521 (Cadet Observer) in lieu of ENGR 520.

(2) Also listed on Mechanical Engineering Curriculum flow chart.

(c) Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.

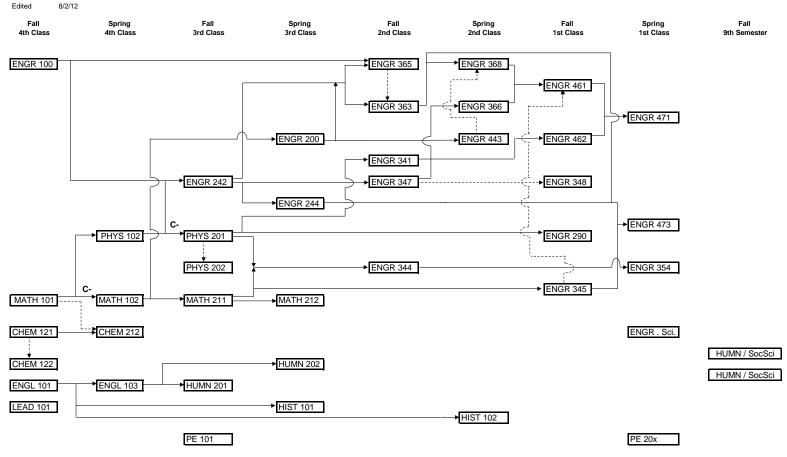


# B.E. Mechanical Engineering - Intern Option for 2016 Graduates

# Notes:

-----> Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.

C- Students must have a minimum grade of C- in MATH 101 as a pre-requisite for MATH 102.



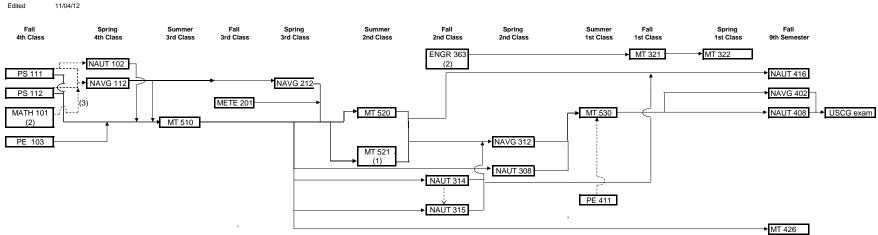
# B.E. Naval Architecture - Deck License for 2016 Graduates

Notes: USCG Deck License Students must also take License courses as shown on the "USCG Deck License Courses for B.E. in Naval Architecture" flow sheet.

Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.

C- Students must have a minimum grade of C- in MATH 101 as a pre-requisite for MATH 102.

# USCG Deck License Courses for B.E. in Naval Architecture for 2016 Graduates



Notes

(1)

- 🍝

MT 521 (Cadet Observer) in lieu of MT 520.

Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.

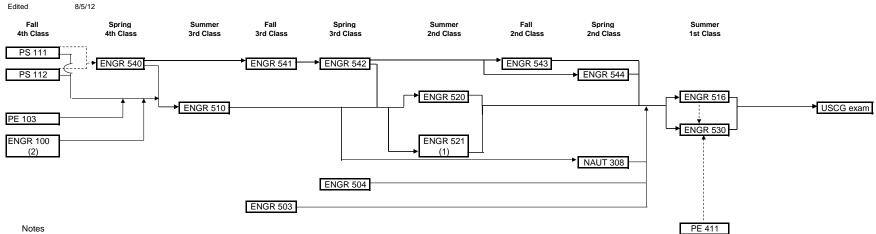
(2) (3) Also listed on Naval Architecture Deck Curriculum flow chart.

Corequisite is MATH 90.

Edited 8/5/12 Fall Spring Fall Spring Fall Spring Fall Spring 4th Class 4th Class 3rd Class 3rd Class 2nd Class 2nd Class 1st Class 1st Class ENGR 473 **ENGR 100** ENGR 365 • ENGR 368 ENGR 461 ENGR 363 ENGR 366 -----ENGR 471 ENGR 200 ENGR 443 ENGR 462 ENGR 341 ENGR 242 ENGR 347 ENGR 348 ENGR 244 C-PHYS 102 PHYS 201 ENGR 290 ENGR 380/390 ENGR 380/390 ENGR 344 **ENGR 354** ·-----PHYS 202 ENGR 345 C-MATH 101 MATH 102 MATH 211 MATH 212 **CHEM 121** CHEM 212 **CHEM 122** ENGR . Sci. HUMN 201 ENGL 101 ENGL 103 HUMN 202 HUMN / SocSci HUMN / SocSci HIST 101 LEAD 101 HIST 102 PE 101 PE 20x USCG Engine License Students must also take License courses as shown on the "USCG Engine License Courses for B.E. in Naval Architecture" Flow sheet. Notes:

lotes: USCG Engine License Stude ---► Indicates co-requisite where to C- Students must have a minimum

Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to. Students must have a minimum grade of C- in MATH 101 as a pre-requisite for MATH 102.



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# USCG Engine License Courses for B.E. in Naval Architecture for 2016 Graduates

Notes (1)

ENGR 521 (Cadet Observer) in lieu of ENGR 520.

Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.

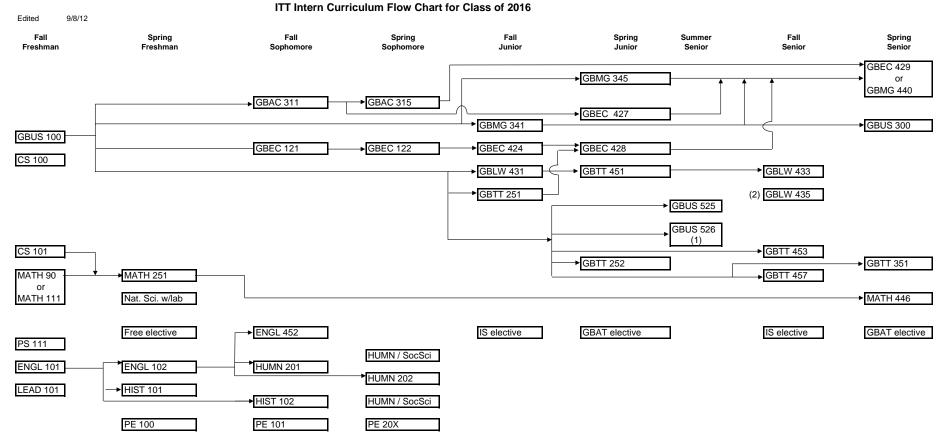
### 11/04/12 Edited Fall Fall Spring Summer Fall Spring Summer Spring Summer Fall Spring Freshman Freshman Sophomore Sophomore Sophomore Junior Junior Junior Senior Senior Senior ENGR 473 **ENGR 100** ENGR 365 ENGR 368 ENGR 461 . . . . . . . . . ----ENGR 476 ENGR 472 ENGR 363 ENGR 366 ENGR 200 ENGR 443 ENGR 462 ENGR 471 ENGR 341 ENGR 242 ENGR 347 ENGR 348 ENGR 244 C-PHYS 102 ENGR 380 PHYS 201 ENGR 290 ENGR 344 ENGR 354 PHYS 202 C-MATH 101 MATH 102 MATH 211 MATH 212 ENGR 345 CHEM 121 CHEM 212 ÷ CHEM 122 ENGR 541 ENGR 542 ENGR 543 PS 111 ENGR 503 ENGR 504 ENGR 525 ENGR 540 ENGR 535 ENGR 510 PS 112 PE 103 ENGL 101 ENGL 103 HUMN 201 HUMN 202 HUMN / SocSci ENGR . Elective LEAD 101 HIST 101 HIST 102 HUMN / SocSci PE 101 PE 20x

B.E. Naval Architecture - Intern Option for 2016 Graduates

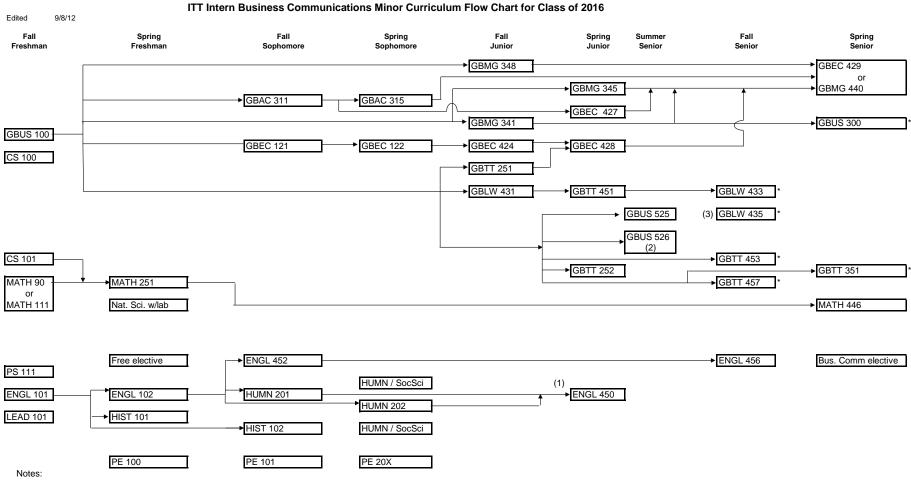
# Notes:

-----> Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.

C- Students must have a minimum grade of C- in MATH 101 as a pre-requisite for MATH 102.

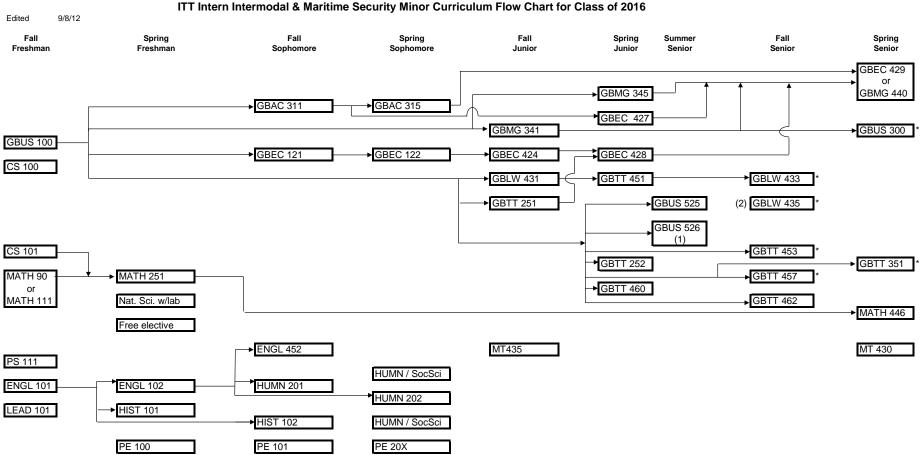


Notes: (1) GBUS 526 ITT Study Abroad in lieu of GBUS 525



(1) Prerequisite is HUMN 201 or 202.

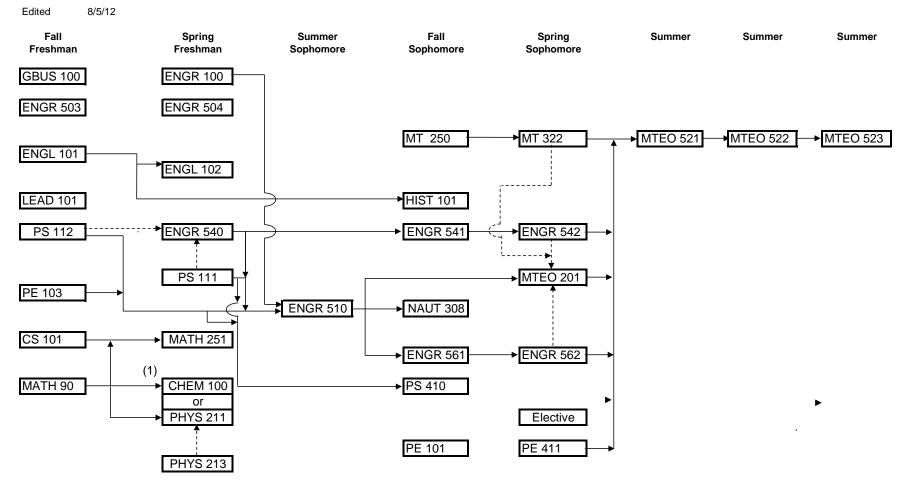
Students will meet with advisor to replace one of these courses by a Business Communications elective.



Notes:

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Students will meet with advisor to replace one of these courses by GBTT 465.



# Marine Technology: Assistant Engineer Limited License Curriculum Flow Chart for Class of 2014

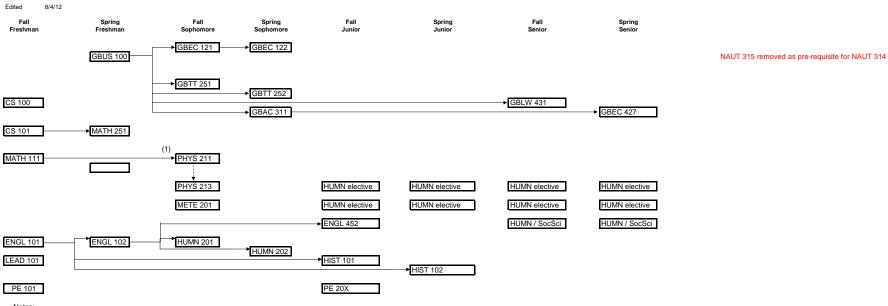
Notes

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(1)

Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to. Prerequisite for CHEM 100 is MATH 80



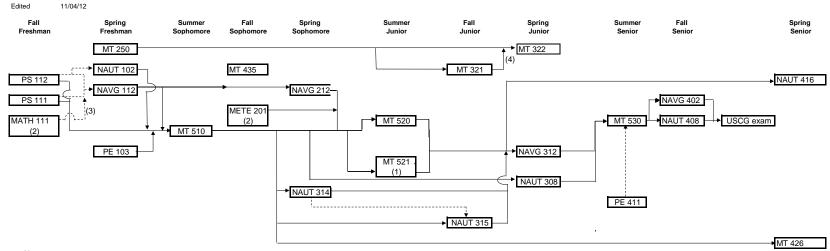


Notes: -----

USCG Deck License Students must also take License courses as shown on the Marine Business & Commerce USCG Deck License Flow sheet. Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to. Prerequisite is MATH 90.

(1)



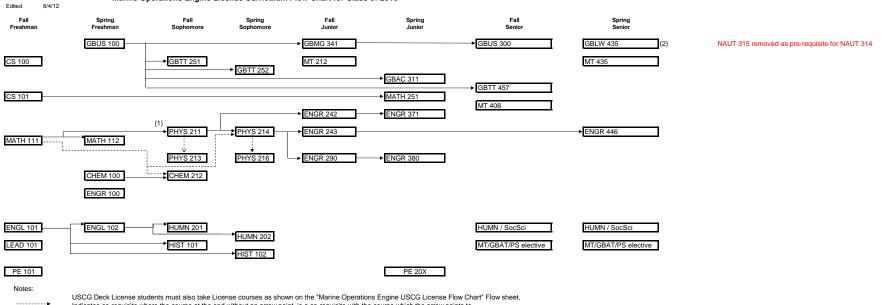


Notes

- (1) MT 521 (Cadet Observer) in lieu of MT 520.
  Indicates co-requisite where the course at the
  - Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.
  - (2) Also listed on Marine Business & Commerce Humanities Minor Deck Course flow chart.

(3) Corequisite is MATH 90.

(4) Prerequisite for MT 322 is MT 250 or MT 321

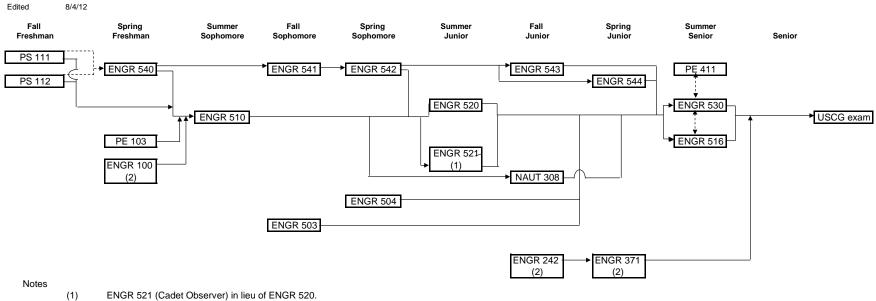


Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.

Marine Operations Engine License Curriculum Flow Chart for Class of 2016

(1) Prerequisite is MATH 90.

(2) Prerequisite is Second Class standing.



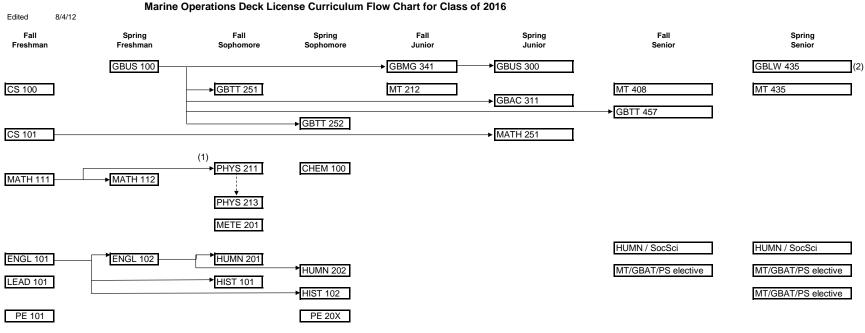
# Marine Operations Engine USCG License Flow Chart for Class of 2016

ENGR 521 (Cadet Observer) in lieu of ENGR 520.

(2) Also listed on Marine Operations Engineering Curriculum flow chart.

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Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.



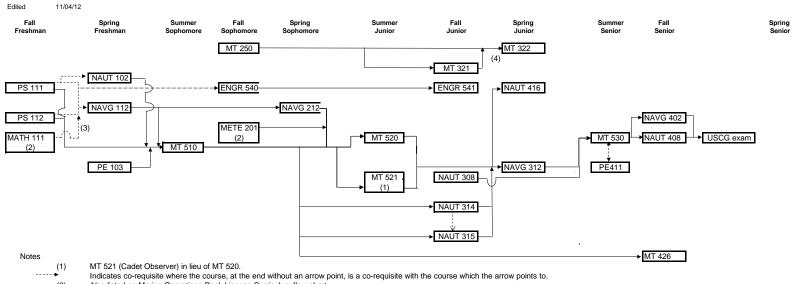
Notes:

USCG Deck License students must also take License courses as shown on the "Marine Operations USCG Deck License Curriculum" Flow Chart. Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.

Indicates co-requisite where the course

(1) Prerequisite is MATH 90.

(2) Prerequisite is Second Class standing.

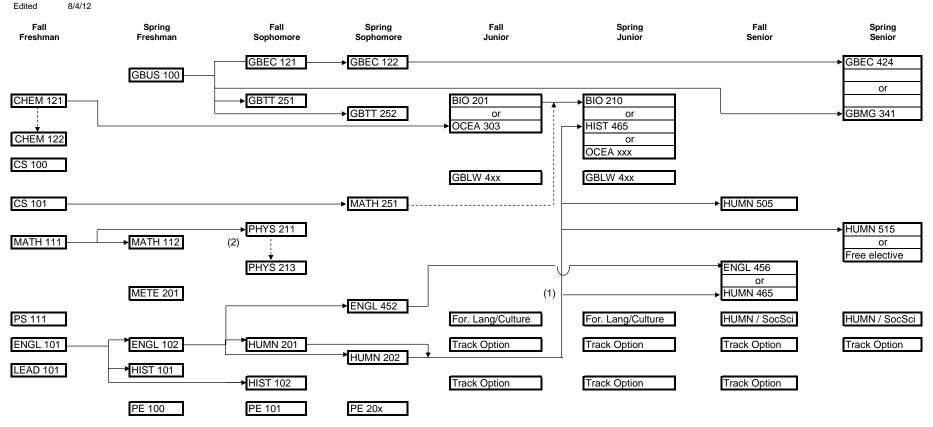


# Marine Operations USCG Deck License Curriculum Flow Chart for Class of 2016

- MT 521 (Cadet Observer) in lieu of MT 520.
- Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.
- (2) Also listed on Marine Operations Deck License Curriculum flow chart.

Corequisite is MATH 90. (3) (4)

Prerequisite for MT 322 is MT 250 or MT 321



Notes:

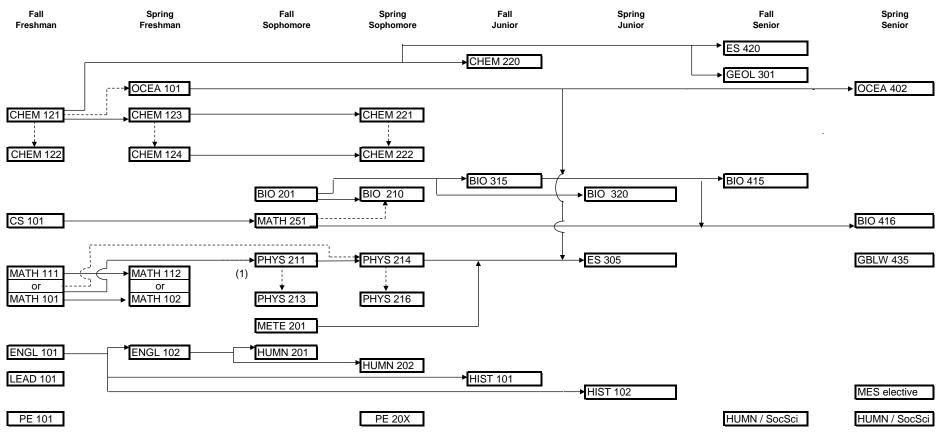
(1)

Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.

Maritime Studies - Intern Curriculum Flow Chart for Class of 2016

Prerequisite is HUMN 201 or 202.

# MES Marine Biology Deck License Curriculum Flow Chart for Class of 2016



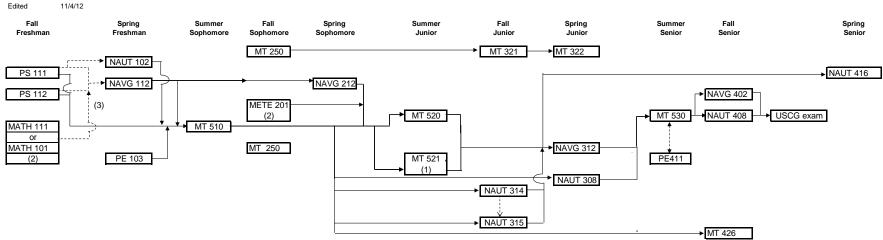
Notes:

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Edited

8/5/12

USCG Deck License Students must also take License courses as shown on the"MES Marine Biology USCG Deck License Curriculum Flow Chart" sheet. Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.



# USCG Deck License Course Flow MES Marine Biology USCG Deck License Curriculum Flow Chart for Class of 2016

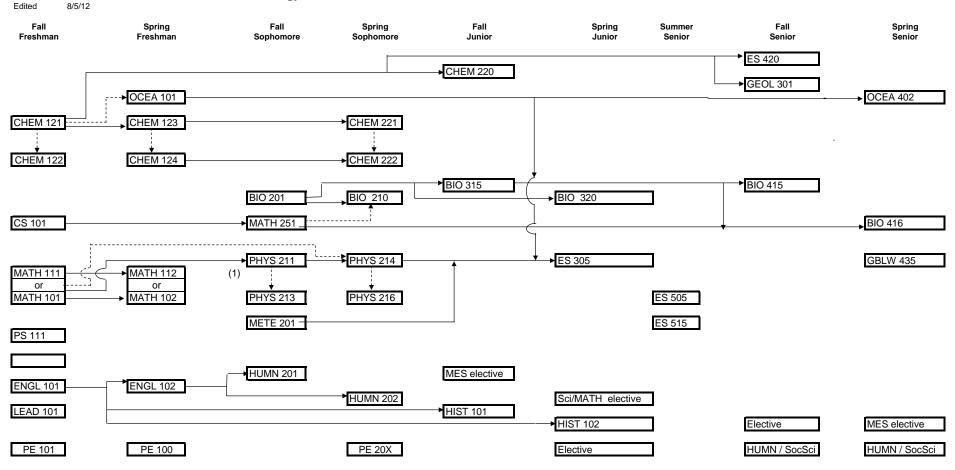
Notes (1)

MT 521 (Cadet Observer) in lieu of MT 520.

Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.

(2) Also listed on MES Marine Biology Deck Curriculum flow chart.

(3) Corequisite is MATH 90.

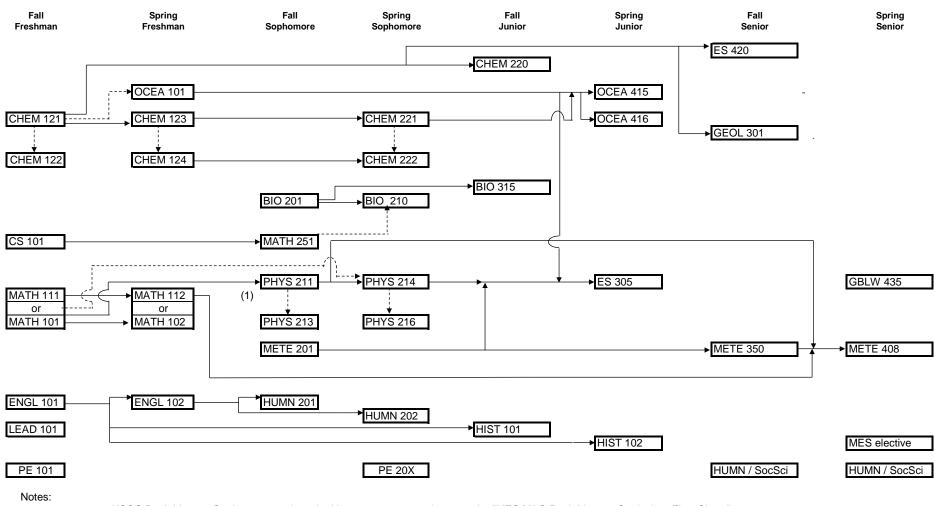


# MES Marine Biology Intern Curriculum Flow Chart for Class of 2016

Notes:

Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.

# MES M&O USCG DECK Curriculum Flow Chart for Class of 2016

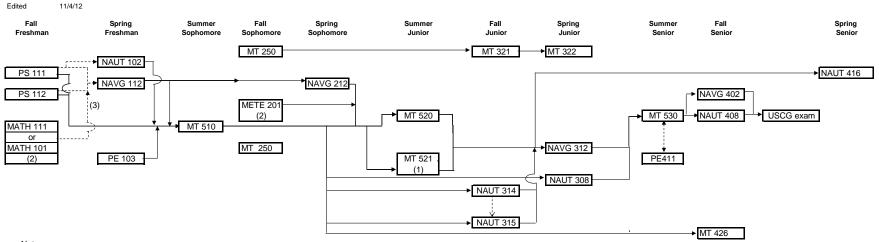


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USCG Deck License Students must also take License courses as shown on the "MES M&O Deck License Curriculum Flow Chart ". Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.

Edited 8/5/12

# **USCG Deck License Course Flow** MES M&O Deck License Curriculum Flow Chart for Class of 2016



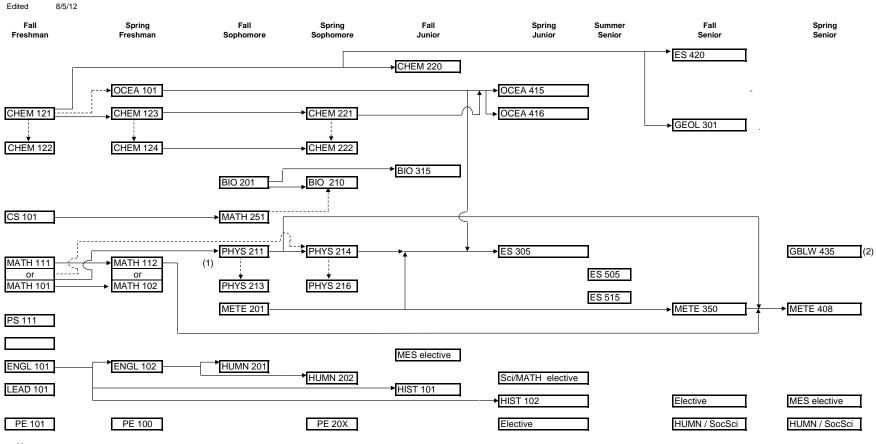
Notes

MT 521 (Cadet Observer) in lieu of MT 520.

Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.

(1) -----► (2) Also listed on MES M&O Deck Course flow chart.

Corequisite is MATH 90. (3)



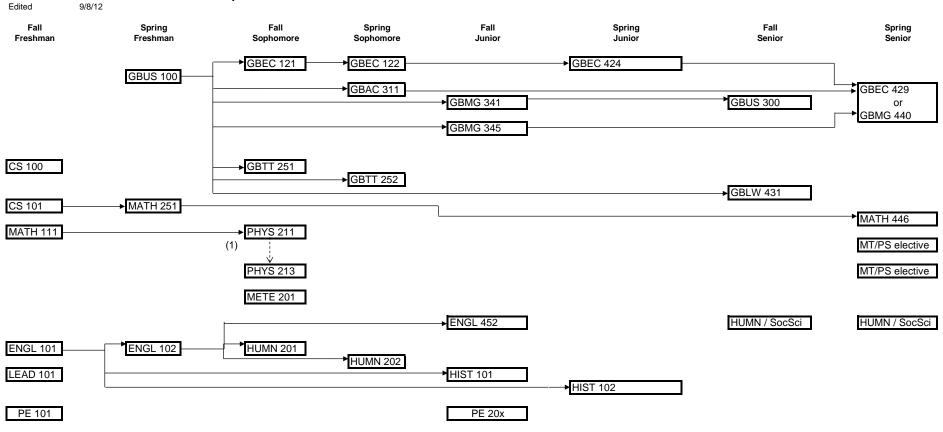
Notes:

Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.

MES M&O Intern Curriculum Flow Chart for Class of 2016

(1) Prerequisite is MATH 90.

(2) Prerequisite is Junior standing.



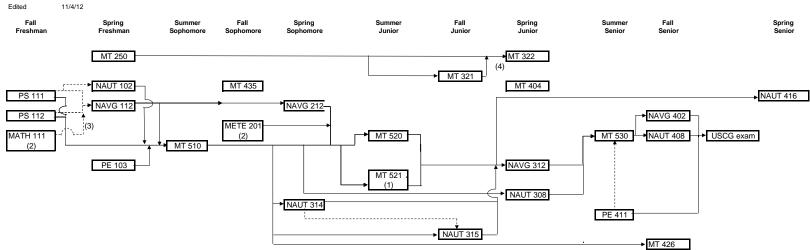
Notes:

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Students must also take License courses as shown on the "MT USCG Deck License Flow Chart".

Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.

Marine Transportation Deck License Curriculum Flow Chart for Class of 2016



# MT USCG Deck License Flow Chart for Class of 2016

## Notes

· · · · · •

(1) MT 521 (Cadet Observer) in lieu of MT 520.

Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.

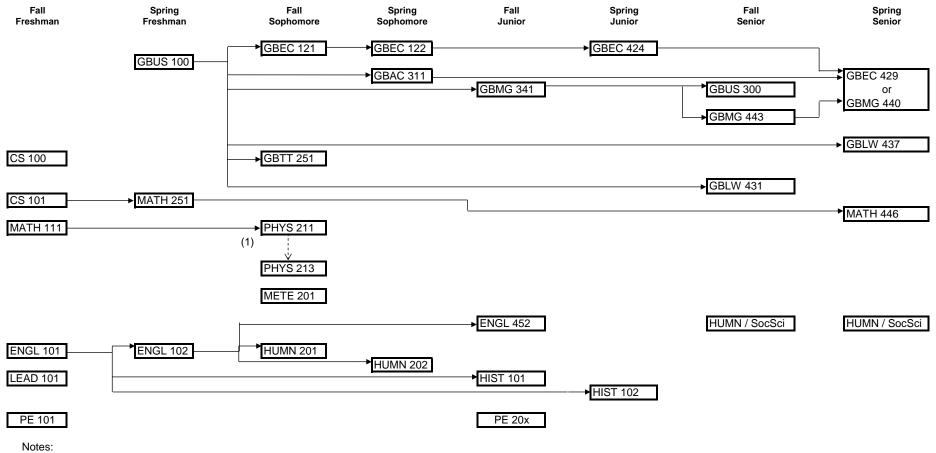
(2) Also listed on MT Deck Course flow chart.

(3) Corequisite is MATH 90.

(4) Prerequisite for MT 322 is MT 250 or MT 321

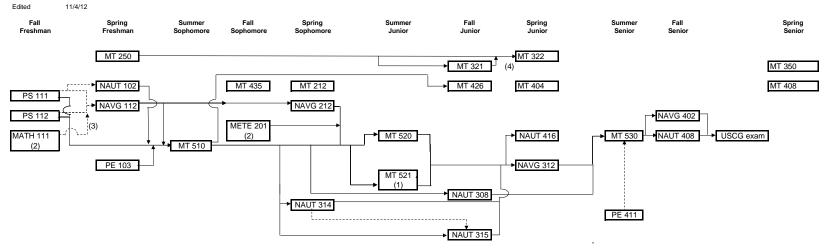
# Marine Transportation - Deck License - Ship Management Minor Curriculum Flow Chart for Class of 2016 10/3/12





Students must also take License courses as shown on the "MT USCG Deck License Flow Chart".

Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.



# MT USCG Deck License Ship Management Minor Flow Chart for Class of 2016

# Notes

(1) MT 521 (Cadet Observer) in lieu of MT 520.

Indicates co-requisite where the course, at the end without an arrow point, is a co-requisite with the course which the arrow points to.

(2) Also listed on MT Deck Course flow chart.

(3) Corequisite is MATH 90.

(4) Prerequisite for MT 322 is MT 250 or MT 321