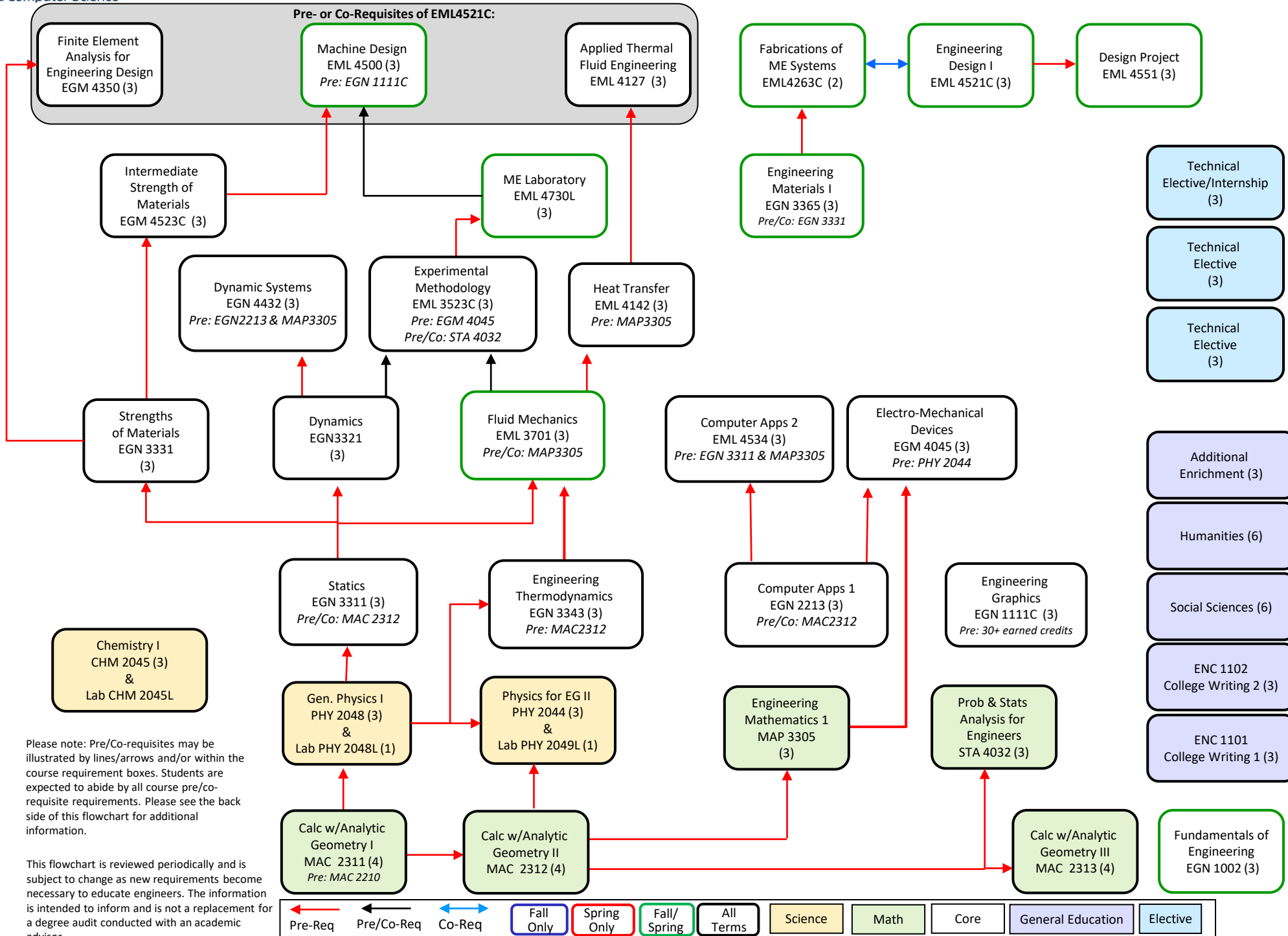


Bachelor of Science in **Mechanical Engineering** – 2025 Catalog

engineering-advising@fau.edu • 561.297.2780 • dessa.fau.edu • ome.fau.edu

Pre- or Co-Requisites of EML4521C:

Please note: Pre/Co-requisites may be illustrated by lines/arrows and/or within the course requirement boxes. Students are expected to abide by all course pre/co-requisite requirements. Please see the back side of this flowchart for additional information.

This flowchart is reviewed periodically and is subject to change as new requirements become necessary to educate engineers. The information is intended to inform and is not a replacement for a degree audit conducted with an academic advisor.



Bachelor of Science in Mechanical Engineering

Pre-requisite and Co-requisite Cheat Sheet

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Course Number(s)	Pre/Co-Requisite(s)
Intellectual Foundation Program (IFP)	For more information of IFP courses: www.fau.edu/uas
MAC 2311	Prerequisite: MAC 1147, MAC 2210, OR MAC 1140 & MAC 1114
MAC 2312	Prerequisite: MAC 2311
MAC 2313	Prerequisite: MAC 2313
CHM 2045 & L	Pre or Co-requisite: MAC 1105 or above
PHY 2048 & L	Prerequisite: MAC 2311
PHY 2044 & L	Prerequisite: MAC 2312 & PHY 2048
MAP 3305	Prerequisite: MAC 2312
EGN 1111C	Minimum 30 credits earned
EGN 1002	None
EGN 2213	Pre or Co-requisite: MAC 2312
STA 4032	Prerequisite: MAC 2312
EGN 3311	Pre: PHY 2048; Pre or Co-requisite: MAC 2312
EGN 3343	Prerequisite: PHY 2048 and MAC 2312
EGN 3331	Prerequisite: EGN 3311
EGN 3321	Prerequisite: EGN 3311
EGN 3365	Pre or Co-requisite: EGN 3331
EML 3701	Pre: EGN 3311, EGN 3343. Pre or Co-Requisite: MAP 3305
EGM 4045	Pre: (MAP 3305 or MAP 2302) and PHY 2044 and EEL 2161
EGN 4432	Pre: (MAP 3305 or MAP 2302) and EGN 3321 and EEL 2161
EML 4534	Prerequisite: EGN 2213, MAP 3305, and EGN 3311
EML 3523C	Pre: EGM 4045. Pre or Co-requisite: EGN 3321 and EML 3701 and STA 4032
EGM 4523C	Prerequisite: EGN 3331
EML 4142	Prerequisite: MAP 3305 and EML 3701
EGM 4350	Prerequisite: EGN 3331
EML 4730L	Prerequisite: EML 3523C
EML 4500	Pre: EGN 1111C and EGM 4523C. Pre or Co-requisite: EML 4730L
EML 4127	Prerequisite: EML 4142
EML 4263C	Prerequisite: EGN 3365. Co-requisite: EML 4521C
EML 4521C	Pre or Co: Senior Standing, EGM4350, EML4500, and EML 4127. Co-req: EML4263C
EML 4551	Prerequisite: EML 4521C

Requirements to Declare Mechanical Engineering Major
Must obtain a minimum grade of "C" in
MAC 2311 and PHY2048

Grade of "C" or Better Required in all Coursework
At least 128 credits