

MECHANICAL ENGINEERING ANNOTATED CHECK SHEET

NAME:

	Date Taken	Grade	
Writing			
1. Writing 101 (20)			Required of all Duke freshmen.
Mathematics and Natural Science			
2. MATH 111L (31L)			5 Course Pratt Math Sequence. If 2 Math AP's, must still take at least 3 Math courses at Duke. Consult DUS if Math 212 content is taken elsewhere.
3. MATH 112 (32L)			
4. MATH 212 (103)			
5. MATH 216 (107)			
6. MATH 353 (108)			
7. CHEM 101DL (31L) [or AP CHEM 20/21 (18/19)]			
8. PHY 151L (61L) [or AP PHY 25] Freshmen Spring.			
9. PHY 152L (62L) [or AP PHY 26] Sophomore Fall			
10. Natural Science Elective* _____			
Engineering			
11. EGR 103L (53L)			Digital Computation taken by all Pratt freshman
12. EGR 121L (20L) <i>take as freshman if possible</i>			Req'd for MEMS (late soph. transfers consult DUS)
13. EGR 201L (75L) <i>prereq for EGR 244L, EGR 221L</i>			SPRING ONLY
14. EGR 244L (123L) <i>prereq for ME 336L</i>			
15. ME 221L (83L) <i>req'd prereqs: CHEM & EGR 201L</i>			SPRING ONLY
16. EGR 224L (119L) ** <i>prereq for ME 344L</i>			
17. ME 344L (125L) ** <i>prereq for ME 424</i>			Complete by end of junior year FALL SENIOR YEAR ONLY FALL SENIOR YEAR ONLY SPRING SENIOR YEAR ONLY
18. ME 331L (101L) <i>prereq for ME 336</i>			
19. ME 336L (126L) <i>prereq for ME 431L</i>			
20. ME 321L (131L) *** <i>prereq for ME 421L</i>			
21. ME 421L (141L) *** <i>prereq for ME 424L</i>			
22. ME 431L (150L) <i>prereq for ME 424L</i>			
23. ME 424L (160L)*** <i>Capstone Design</i>			
24. 400-level ME elective 1 **** _____			
25. 400-level ME elective 2 **** _____			
Humanities and Social Sciences			
26. _____			Five required. At least one SS and 2 from remaining Areas of Knowledge (FL, CZ, ALP). For depth, two must be from the same department, and one of those must be at the 200 level or higher (new numbering). Limit of 2 AP's here. Enter course designation.
27. _____			
28. _____			
29. _____			
30. _____			
Upper-Level Electives § (Two required)			
31. _____			
32. _____			
Electives			
33. _____			Only two ½ credit PE courses & only two ½ credit music courses allowed.
34. _____			

* Approved courses are found on the MEMS website including BIO 311 (147), 215L (105L); CHEM 201DL 151, 210DL (32L); EOS 201L (101L), 212 (102); PHY 153L (63L), 305 (105), 361 (181), 363 (176), 513 (213). Higher alternatives require DUS approval.

** 2-semester Mechatronics sequence. EGR 224L (119L) (only taught in Spring) is a firm pre-requisite for ME 344L (125L)

*** 3-semester Mechanics & Design sequence. ME 321L (131) Mechanical Analysis must be taken junior year as a firm pre-req for ME 421L (141) (Fall only) which is a firm prereq for ME 424L (160) Capstone Design (Spring only).

**** Courses taken at the 100 level and above by the end of Summer 2012 (old numbering system) will satisfy this requirement. Courses taken beginning with Fall 2012 must be at 400 level or above (new numbering system).

§ Electives in the HSS, upper-level engineering, math, and science at the 200-level or higher may be used.