

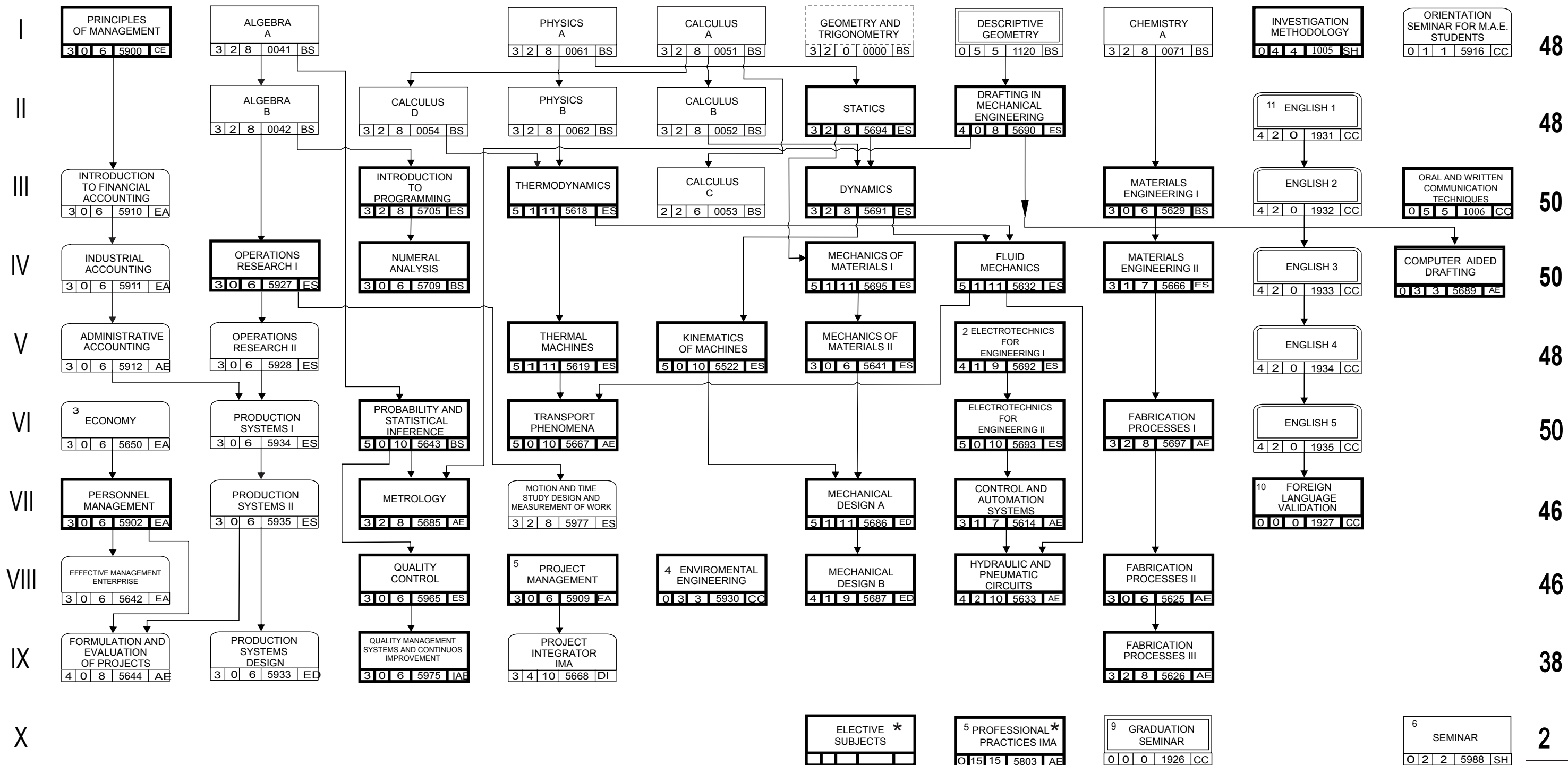
# MECHANICAL MANAGEMENT ENGINEER



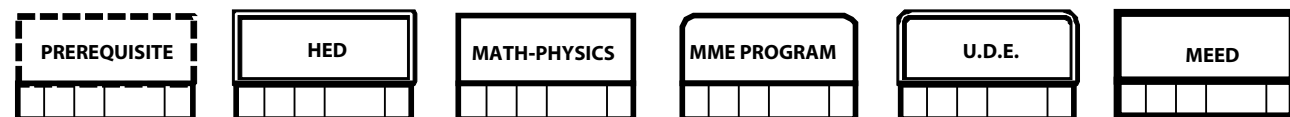
# CURRICULUM

JUNE 2021

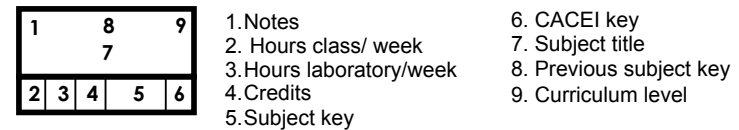
LEVELS



## CLASSIFICATION COLLEGE OF ENGINEERING



## NOMENCLATURE



## CACEI CLASSIFICATION

- (1) Basic Sciences and Mathematics (BS)
- (2) Engineering Sciences (ES)
- (3) Applied Engineering (AE)
- (4) Engineering Design (ED)
- (5) Social Sciences and Humanities (SH)
- (6) Economic and Administrative Sciences (EA)
- (7) Complementary Courses (CC)

2  
426

# MECHANICAL MANAGEMENT ENGINEER



## ACADEMICAL NOTES

### ELECTIVE SUBJECTS:

BRANCH OF PHYSICS		VARIOUS TOPICS					
0061 PHYSICS D 2 2 6 0064 BS	DIGITAL SKILLS WORKSHOP 0 3 3 1007 CC	SOCIAL TRENDS 0 2 2 1008 SH	5 MANAGEMENT AND SOCIAL DEVELOPMENT 0 2 2 1009 SH	ART, CULTURE AND HUMANITIES I 0 2 2 1012 SH		14	
BRANCH ADMINISTRATION AND ECONOMY		BRANCH ACCOUNTING AND FINANCE		INDUSTRIAL ENGINEERING BRANCH	BRANCH FLUID AND HEAT		
5902 VIII LABOUR LAW 3 0 6 5904 CC	6 MARKETING 3 0 6 5922 AE	6 5912 FINANCE 3 0 6 5913 AE	6 5977 ERGONOMICS 3 0 6 5974 AE	5633 VIII HYDRO-MECHANICAL SYSTEMS A 3 1 7 5623 AE		31	
MATERIALS AND MANUFACTURING BRANCH		MECHANICAL DESIGN BRANCH					
5626 X COMPUTERIZED NUMERICAL CONTROL 3 2 8 5631 AE	6 ADVANCED MANUFACTURING TOPICS 3 0 6 5698 AE	5641 X METHODOLOGY OF DESIGN 3 0 6 5696 AE	6 FINITE ELEMENT METHODS 4 1 9 5613 AE	6 5637 COMPUTER AIDED ENGINEERING 3 2 8 5800 AE		37	
BRANCH OF INDUSTRIAL INSTALLATIONS AND MAINTENANCE							
6 MATERIAL HANDLING 5 0 10 5601 AE	6 INDUSTRIAL PLANT INSTALLATIONS 3 2 8 5672 AE	RENEWABLE ENERGY 3 0 6 5680 AE	6 INDUSTRIAL SAFETY AND HEALTH 3 0 6 5972 AE	6 INDUSTRIAL ENGINEERING TOPICS 3 0 6 5936 AE		36	
FLEXIBLE COURSES							
8 LEARNING ACTIVITIES 0 2 2 1916 CC	7 MOBILITY 3 0 6 1908 CC	ART, CULTURE AND HUMANITIES II 0 2 2 1013 SH	6 ENTREPRENEURIAL DEVELOPMENT 3 0 6 5964 AE	ARTISTIC, SPORTS OR DIVULGATION ACTIVITIES 0 2 2 1014 SH		18	
						3	

### PROGRAM PURPOSE

"To provide society a professional of mechanical engineering of the highest quality, with a solid preparation in Industrial Management, capable of performing his/her professional duties in a dignified and effective way at the national and international stage. These professionals should also be able to design, improve, operate and manage excellently manufacturing and / or service firms."

1. This course will be available to the student when he has at least 45 credits
2. This course will be available to the student when he has at least 135 credits.
3. This course will be available to the student when he has at least 180 credits.
4. This course will be available to the student when he has at least 225 credits.
5. This course will be available to the student when he has at least 315 credits.
6. This course will be available to the student when he has at least 360 credits.
7. This blocks represents 8 courses called Mobility I, II, III, IV, V, VI, VII, y VIII with id consecutives, each course has 6 credits (1908 - 1915)
8. This block represents 10 courses called learning activities I, II, III, IV, V, VI, VII, VIII, IX y X, with consecutives id 's 1916-1925 each one has 2 credits.
9. This course is evidenced by the presentation of the General Degree High School Exit Exam (EGEL-IMECA) and must be submitted in the last semester of his career.
10. This curricular space, will be credited to the accreditation examination the level of English language, defined by the Technical Board of the Faculty.
11. This course will be available to students from the second level.

### GENERAL NOTES:

Students may not take 4th level courses if they have not approved ORIENTATION SEMINAR FOR M.A.E. STUDENTS

To accredit courses with hours of laboratory, all laboratory or workshops practices should be approved and all students must submit final reports and they need to satisfy all those requirements specified in the syllabus of the course.

The course IMA Project Integrator (5668) must be taken when student gets at least 360 credits approved and should not be taken jointly with the course Profesional Practices.

In order to obtain the status of alumni, all students must approve the compulsory and optional credits needed to cover 450 credits in total.