MUTAH UNIVERSITY
Faculty of Engineering
Department of Electrical Engineering

Course Code	Course Name	Credits	Contact Hours
0401592	Special Topics in Power or Control Engineering	3.0	3 T

INSTRUCTOR/COORDINATOR	
Name	Dr. Khaled M. Alawasa
Email	Kmalawasa@mutah.edu.jo Kmalawasa@gmail.com
Office Hours	10:00-11:00 (Sun, Tues, Thur)

TEXTBOOK	
Title	TBA. Depends on the intended/proposed topic to be addressed in the course.
Author/Year/Edition	TBA. Depends on the intended/proposed topic to be addressed in the course.
Other Supplemental Materials	
Title (1)	TBA. Depends on the intended/proposed topic to be addressed in the course.
Author/Year/Edition	TBA. Depends on the intended/proposed topic to be addressed in the course.
Title (2)	TBA. Depends on the intended/proposed topic to be addressed in the course.
Author/Year/Edition	TBA. Depends on the intended/proposed topic to be addressed in the course.

SPECIFIC COURSE INFORMATION

A. Brief Description of the Content of the Course (Catalog Description)

This course deal with Current and advanced trends in power or control engineering topics scheduled as seminars; individual lectures given by faculty member from the department, or research topics and tasks given to students.

The instructor is requested to provide the detailed syllabus for the intended/proposed topic for department approval.
B. Pre-requisites (P) or Co-requisites (C)
Power System 2 (0401482)
C. Course Type (Required or Elective)
Elective
SPECIFIC GOALS
A. Course Learning Outcomes (CLOs)
By the end of this course, the student should be able to: CLO 1: To understand the importance of power system protection in the continuity and reliability of power supply. CLO 2: To recognize the power system components and their protection system methods.
B. Student Learning Outcomes (SLOs) Addressed by the Course

1	2	3	4	5	6	7

BRIEF LIST OF TOPICS TO BE COVERED		
List of Topics	**No. of Weeks**	**Contact Hours**
TBA. Depends on the intended/proposed topic to be addressed in the course.		
Total	*14*	*42*

EVALUATION		
Assessment Tool	**Due Date**	**Weight (%)**
Mid Exam	According to the university calendar	30
Course Work (Homeworks, Quizzes, Projects, …etc.)	One week after being assigned	20
Final Exam	According to the university calendar	50

ABET's Students Learning Outcomes (Criterion # 3)

	Relationship to program outcome	
ABET 1-7		**… Engineering Student Outcomes**
1.		an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2.		an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
3.		an ability to communicate effectively with a range of audiences.
4.		an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
5.		an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6.		an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7.		an ability to acquire and apply new knowledge as needed, using appropriate learning strategies.