

<b>Course number and name</b>	END 345/ Evolution of Management Thought
<b>Credits, contact hours, categorization of credits</b>	3 credits / 42 hours / Engineering topic
<b>Instructor or course coordinator</b>	Cahit Ali BAYRAKTAR
<b>Text book and other supplemental materials</b>	<ul style="list-style-type: none"> <li>• Baransel, A., 1979, <i>Evolution of Contemporary Management Thought</i>, Fatih Printing Press, İstanbul.</li> </ul>

<b>Course information</b>	
<b>Content</b>	Basic concepts and definition of management and organization. The setting of organization and management. The evolution of organizations. Perspectives on managerial values. Pervasiveness and importance of organization and management. The issues, characteristics and objectives of management thought. The description of organization theory as the foundation for management practice. The impact of contemporary cultural or societal values on management thought. Non-scientific management era. Management as an art. Scientific management era. Scientific dimensions of management thought. Major themes and trends in traditional organizations. Opposition to traditional theory. Critique of traditional view. The development of new conceptual schemes or paradigms. Influence of changing values on management concepts. Modern views of management. The future perspectives on management.
<b>Prerequisites</b>	None
<b>Type</b>	Selected elective

<b>Course learning outcomes</b>
<p>Students who pass the course will:</p> <ol style="list-style-type: none"> <li>I. Understand generation of management science and importance of management concept.</li> <li>II. Learn basic concepts of management science.</li> <li>III. Understand the theories and perspectives of management science, and learn theories which are the infrastructure of the management approaches of after 1980.</li> <li>IV. Understand the infrastructure and philosophy in the backbone of the management applications and management models.</li> <li>V. Apply teamwork on the projects.</li> </ol>

<b>Student outcomes</b>	<b>Level of contribution</b>
SO1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	Not applicable
SO2. 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.	Not applicable
SO3. An ability to communicate effectively with a range of audiences.	Not applicable
SO4. 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.	Partial
SO5. 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.	Partial
SO6. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	Partial
SO7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	Not applicable

<b>Week</b>	<b>Topics</b>	<b>Learning outcome(s)</b>
1	Introducing course content and introduction to evolution of the modern management thought	I
2	The evolution of modern management thought and the importance and the scope of the management thought	I, II, III
3	The importance and the scope of the management thought	I, II, III
4	The view of the traditional management thought	II, III, IV
5	The scientific management	II, III, IV
6	The scientific management and the managerial theory	II, III, IV
7	The managerial theory	II, III, IV
8	The bureaucracy model	II, III, IV
9	The global view of the classic management thought	II, III, IV
10	The scope and the importance of the human relations approaches	II, III, IV
11	Researches of the human relations approaches phase	II, III, IV
12	Criticisms of the human relations approaches phase and neo-classic organization theory	II, III, IV, V
13	The contingency approach	II, III, IV, V
14	The system approach	II, III, IV, V