

**Arab Academy for Science and Technology and Maritime Transport**  
**Information Systems Curriculum**  
**Course Syllabus**

<b>Course Code:</b> IS471	<b>Course Title:</b> Strategic Planning for IS	<b>Classification:</b> E	<b>Coordinator:</b> Dr. Saleh Mesbah <b>Lecturer:</b> Dr. Saleh Mesbah	<b>Credit:</b> 3
<b>Pre-requisites:</b>  IS391: Project Management	<b>Co-requisites:</b> None	<b>Schedule:</b>  Lecture            2 hours Tutoria            2 hours		
<b>Office Hours: (Room 205)</b> Wednesday 8:30 a.m. - 10:10 a.m.				
<b>Course Description:</b> This course examines the role of information systems in assisting achievement of corporate systems objectives, and to consider methods and scientific techniques for strategic and tactical planning of information systems. The course will identify central information systems issues and problems, assess information technology systems as competitive tools; and apply methods for IS strategic analysis. The course explains the phases of planning for information systems to assist in establishing information technology policy.				
<b>Textbook:</b> Anita Cassidy; (2006); “ <b>A Practical Guide to: Information Systems Strategic Planning</b> ”; Second Edition, Auerbach Publications. ISBN: 0-8493-5073-5				
<b>References:</b> John Ward and Joe Peppard ; (2002); “ <b>Strategic Planning for Information Systems</b> ”; John Wiley and Sons. ISBN: 0-470-84147-8.				

Course Objective / Course Learning Outcome:	Contribution to Program Student Outcomes:
1. Demonstrate conceptual skills integrating previously learned aspects of business and IS.	(SO-1) Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
2. Develop a framework of analysis to identify central IS issues and problems in complex business situations.	
3. Participate in developing and implementing a strategic and tactical plan for information systems development.	(SO-2) Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
4. Assess information technology systems as competitive tools.	(SO-3) Communicate effectively in a variety of professional contexts.
5. Use methods for IS strategic analysis.	
6. Assist in establishing information technology policy.	

<p><b>Course Outline:</b></p> <p><b>Week 1.</b> Foundations of IS in Business  <b>Week 2.</b> Role of IS/IT to gain Competitive Advantages in Organizations  <b>Week 3.</b> Strategic Uses of IS/IT  <b>Week 4.</b> IS/IT Planning  <b>Week 5.</b> Strategic Planning in Organizations  <b>Week 6.</b> IS Governance  <b>Week 7.</b> 7th Week Exam  <b>Week 8.</b> Business Planning Techniques</p>	<p><b>Week 9.</b> Business Planning Processes  <b>Week 10.</b> The Visioning Phase  <b>Week 11.</b> The Analysis Phase  <b>Week 12.</b> 12th Week Exam  <b>Week 13.</b> The Direction Phase  <b>Week 14.</b> The Recommendation Phase  <b>Week 15.</b> Revision  <b>Week 16.</b> Final Exam</p>
<p><b>Grade Distribution:</b></p> <p><b>7th Week Assessment (30%):</b>  Exam (75%) + Assignments 25%</p> <p><b>12th Week Assessment (20%):</b>  Exam (75%) + Assignments 25%</p> <p><b>Year Work (10%):</b>  Homework Assignments (100%)</p> <p><b>Final Exam (40%)</b></p>	

**Policies:****Attendance:**

AASTMT Education and Study Regulations (available at [aast.edu](http://aast.edu))

**Academic Honesty:**

AASTMT Education and Study Regulations (available at [aast.edu](http://aast.edu))

**Late Submission:**

*Late submissions are graded out of 75% (1 week late), 50% (2 weeks late), 25% (3 weeks late), 0% (more than 3 weeks late)*