

<b>Decision Support System</b>						
<b>Course Code</b>	<b>Student Workload</b>	<b>Credits</b> (according to ECTS)	<b>Semester</b>	<b>Frequency</b>	<b>Duration</b>	
CSD60015	90 hours	4.5	5 or 7	each odd-semester	16 meetings	
<b>1</b>	<b>Types of courses</b> Elective	<b>contact hours</b> 63 hours	<b>independent study</b> 27 hours	<b>class size</b> 40 students		
<b>2</b>	<b>Prerequisites for participation</b> Have completed Information Systems Analysis and Design course.					
<b>3</b>	<b>Learning outcomes</b> <b>IS-ILO-1</b> Graduates are expected to be able to design, build, operate, and evaluate information systems in organizations to align with organizational needs and to produce technological solutions for organization <b>IS-ILO-3</b> Graduates can apply computational and design thinking, conduct scientific analysis and writing and apply the values of Technopreneurship in creating product innovations in the Systems or Information Technology domain.					
<b>4</b>	<b>Subject aims</b> <ul style="list-style-type: none"> <li>• Students are able to understand the basic concept of decision making and decision support system.</li> <li>• Students are able to understand the decision support system's components and distinguish decision support system at the level of individual, group, and organization.</li> <li>• Students are able to understand the decision support system design and its development.</li> <li>• Students are able to adapt the challenge of the decision support system in its current and future's implementation.</li> </ul>					
<b>5</b>	<b>Teaching methods</b> lectures, case study, class discussion, presentation					
<b>6</b>	<b>Assessment methods</b> assignment, mid-term examination, end-term examination, project evaluation, practical-skill assessment					

7	<b>This module is used in the following degree programs as well</b>
8	<b>Responsibility for module</b>
9	<b>Other information</b> Sharda, Ramesh., Delen, Dursun., Turban, Efraim. Business Intelligence and Analytics Systems for Decision Support, 10th Edition. Pearson. 2014 Marakas, George M., Decision Support Systems in the 21st Century, 2nd Edition, Prentice Hall, 2003 Sprague, Ralph, H & Hugh, J. Watson, Decision Support Systems, Prentice Hall, Inc., 1993 Turban, Efraim & Aronson, Jay E., Decision Support Systems and Intelligent Systems, 8th edition, Prentice Hall, Upper Saddle River, NJ, 2007