exams

Office hours held by the instructor to provide further assistance to

Use of library facilities for further study and preparation for the

	<ul> <li>Use of the Blackboard course management support communication, by posting lecture instruction, timely announcements, formative submission of assignments.</li> </ul>	notes, assignment
ASSESSMENT:	Summative:  1 <sup>st</sup> assessment: Project (1800 – 2000 words)  Final assessment: In class written examination (Two-hour, closed book, comprehensive)	40% 60%
	Formative:  Problems/essay question practice sets	0
	The formative assessment aims to prepare students for the summative assessments.	
	The project tests Learning Outcomes $1-3$ with emphasis on applications. The final examinations tests Learning Outcomes $1-6$ with a focus on topics $4-6$ .	
	The final grade for this module will be determined by averaging all summative assessment grades, based on the predetermined weights for each assessment. If students pass the comprehensive assessment that tests all Learning Outcomes for this module and the average grade for the module is 40 or higher, students are not required to resit any failed assessments.	
INDICATIVE READING:	REQUIRED READING: Tietenberg, T., and Lewis, L. 2018. Environmental and Natural Resource Economics. Routledge, 11th edition. ISBN 9781351803366	
	RECOMMENDED READING: Harris, J.M, and Roach, B. Environmental and Natural Resource Economics: A Contemporary Approach, latest edition. Anderson, D. A. Environmental Economics and Natural Resource Management, latest edition. Field, B. and Field, M. 2008. Environmental Economics. McGraw Hill. Pearce, D. W. and Turner, R. K. 1990. Economics of Natural Resource and the Environment. London: Harvester Wheatsheaf. Other sources, including journal and newspapers' articles, research papers etc. recommended by the instructor throughout the semester.	
INDICATIVE MATERIAL: (e.g. audiovisual, digital material, etc.)	REQUIRED MATERIAL: N/A RECOMMENDED MATERIAL: N/A	
COMMUNICATION REQUIREMENTS:	Use of appropriate academic conventions as applicable in oral and written communication.	

	Faculty and instructors are under no obligation to respond to emails and other requests during weekends and holidays. Emails will be replied to within two working days. If an instructor is on leave, an autoresponse message will be sent, letting students know when the instructor will be back and resume regular communication duties.	
SOFTWARE REQUIREMENTS:	MS Office and Blackboard CMS Word and Excel	
WWW RESOURCES:	HYPERLINK "http://www.env-econ.net"www.env-econ.net  www.epa.gov www.teebweb.org www.nature.com www.ethree.com	
INDICATIVE CONTENT:	<ol> <li>Economy and the Environment</li> <li>Introduction</li> <li>Circular flow model</li> <li>Materials balance model</li> <li>Sustainable economy</li> <li>Environmental Problems as Externalities</li> <li>Pollution as an externality</li> <li>Pollution as a market failure</li> <li>Property rights</li> <li>Environmental Policies</li> <li>Introduction</li> <li>Pollution charges</li> <li>Sandards</li> <li>Susidies</li> <li>Permit trading systems</li> <li>Clean technologies</li> <li>Measures of Benefits</li> <li>Introduction</li> <li>Consumer surplus, compensating variation, equivalent variation</li> <li>Willingness to pay, willingness to accept</li> <li>Total economic value</li> <li>Benefit Estimation Procedures</li> <li>Hedonic-price approach</li> <li>Contingent valuation methods</li> <li>Dose-response methods</li> <li>Travel - cost approaches</li> <li>Resource Management</li> <li>Discounting the future</li> <li>Resource Management</li> <li>Discounting the future</li> <li>Renewable resources</li> <li>Exhaustible resources</li> <li>Preservation and Conservation</li> <li>Development and total economic value</li> <li>Irreversibility</li> <li>Safe minimum standards</li> </ol>	