

Subject Description Form

Subject Code	AAE5104																						
Subject Title	Aviation Technical Services and Aircraft Leasing Management																						
Credit Value	3																						
Level	5																						
Pre-requisite/ Co-requisite/ Exclusion	Nil																						
Objectives	<p>This subject will provide students with</p> <ol style="list-style-type: none"> 1. the operations and management of aircraft leasing industry; and 2. the advanced knowledge of aviation finance, taxation and insurance. 																						
Intended Learning Outcomes	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> a. design technical services planning in MRO, inventory pooling and logistics arrangement; b. understand the roles and functions of various airlines business in aircraft leasing and aviation financing management; c. evaluate the cost-and-benefit in aircraft trading modes and aircraft leasing approaches; and d. perform risk assessment and management related to aircraft leasing. 																						
Subject Synopsis/ Indicative Syllabus	<p>Aviation technical services: Technical services in maintenance, repair and overhaul; Inventory pooling, repair management and ad-hoc support aircraft remarketing; Aircraft technical services; Aircraft delivery, acceptance and transition management.</p> <p>aircraft leasing management: Aircraft specification review and evaluation; Auditing of aircraft and their records; Aircraft lease management; Operating lease structuring; Sales and leasebacks; Transaction risk assessment; Aircraft acquisition.</p>																						
Teaching/Learning Methodology	<p>Teaching is conducted through class lectures and tutorials, which are aimed at providing students with the understanding of how to address aviation technical services and aircraft leasing problem and resolve the problem by risk assessment and operational management methods.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="width: 40%;">Teaching/Learning Methodology</th> <th colspan="4">Outcomes</th> </tr> <tr> <th style="width: 10%;">a</th> <th style="width: 10%;">b</th> <th style="width: 10%;">c</th> <th style="width: 10%;">d</th> </tr> </thead> <tbody> <tr> <td>Lecture</td> <td style="text-align: center;">√</td> <td style="text-align: center;">√</td> <td style="text-align: center;">√</td> <td style="text-align: center;">√</td> </tr> <tr> <td>Tutorials</td> <td style="text-align: center;">√</td> <td style="text-align: center;">√</td> <td style="text-align: center;">√</td> <td style="text-align: center;">√</td> </tr> </tbody> </table>				Teaching/Learning Methodology	Outcomes				a	b	c	d	Lecture	√	√	√	√	Tutorials	√	√	√	√
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Assessment Methods in Alignment with Intended Learning Outcomes	Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)			
			a	b	c	d
	1. Assignment	40%	√	√	√	√
	2. Final examination	60%	√	√	√	√
	Total	100%				
<p>Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p>Overall Assessment:</p> <p style="text-align: center;">$0.4 \times \text{Continuous Assessment} + 0.6 \times \text{Final Examination}$</p> <p>The continuous assessment (40%) is aimed at enhancing the students' comprehension and assimilation of various topics of the syllabus via assignment. The final examination (60%) will also be considered to assess the students learning outcome.</p>						
Student Study Effort Expected	Class contact:					
	▪ Lecture					26 Hrs.
	▪ Tutorial					13 Hrs.
	Other student study effort:					
	▪ Self-study					66 Hrs.
	Total student study effort					105 Hrs.
Reading List and References	<ol style="list-style-type: none"> Anyafu, A. (2018). Buy or Lease Decision in Fixed Assets Acquisition in the Nigerian Civil Aviation Industry. <i>Journal of Administration</i>, 1(1). Coulter, J. M., Redpath, I. J., & Vogel, T. J. (2018). Leasing Agreements in the Airline Industry: A Case Study Examining the Impact of Asu 2016-02. <i>Journal of Business and Educational Leadership</i>, 7(1), 114-123. Donald H. Bunker. <i>International Aircraft Financing (Volume 1 – General Principles and Volume 2 – Specific Documents)</i>. Gillen, D., & Morrison, W. G. (2015). Aviation security: costing, pricing, finance and performance. <i>Journal of Air Transport Management</i>, 48, 1-12. Keaveny, C., & Murray, S. (2013). Aviation finance and leasing. <i>Offshore Investment</i>, 239, 12-14. Mann, E. D. (2009). Aviation finance: An overview. <i>Journal of Structured Finance</i>, 15(1), 109. 					

	<ol style="list-style-type: none">7. Murphy, R., & Desai, N. (Eds.). (2011). Aircraft financing. Euromoney Books.8. Morrell, P. S. (2013). Airline finance. Ashgate Publishing, Ltd.9. Vasigh, B., Fleming, K., & Humphreys, B. (2014). Foundations of airline finance: Methodology and practice. Routledge.10. Vitaly S. Guzhva, Sunder Raghavan, Damon J. D'Agostino (2018). Aircraft Leasing and Financing: Tools for Success in International Aircraft Acquisition and Management. Elsevier Science.11. Wensveen, J. (2018). Air transportation: A management perspective. Routledge.
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