

Study Plan

1. For students who do not participate in cooperative education

Year 1 Semester 1	Credits (Lecture – Lab – Self Study)
01225111 Basic Mathematic in Aviation	3(3-0-6)
01225141 Basic Science in Aviation	3(3-0-6)
01225151 Aviation Terminology	3(3-0-6)
01225161 Principles of Aviation System	3(3-0-6)
01999111 Knowledge of the Land	2(2-0-4)
01175xxx Physical Education Activities	1(0-2-1)
English	<u>3 (- -)</u>
Total	<u>18 (- -)</u>

Year 1 Semester 2	Credits (Lecture – Lab – Self Study)
01225121 Aviation Organization Management	3(3-0-6)
01225142 Aerodynamics and Flight Performance	3(3-0-6)
01225162 Aviation Law and Regulation	3(3-0-6)
Thai Language	3 (- -)
Information/Computer	1 (- -)
General Education: Aesthetics	3 (- -)
General Education: Wellness	<u>2 (- -)</u>
Total	<u>18 (- -)</u>

Year 2 Semester 1		Credits (Lecture – Lab – Self Study)
01225212	Statistical Analysis in Aviation	3(2-3-6)
01225231	Aviation Economics	3(3-0-6)
01225244	Aviation Meteorology	2(2-0-4)
01225247	Air Navigation and Communication	2(2-0-4)
	English	3 (- -)
	General Education: Entrepreneurship	3 (- -)
	General Education: Thai Citizen and Global Citizen	<u>3 (- -)</u>
	Total	<u>19 (- -)</u>

Year 2 Semester 2		Credits (Lecture – Lab – Self Study)
01225213	Quantitative Analysis in Aviation	3(3-0-6)
01225232	Aviation Marketing	3(3-0-6)
01225246	Air Traffic Management	3(3-0-6)
01225251	Aviation Professional Development	3(3-0-6)
01225252	Human Factors in Aviation	3(3-0-6)
01225281	Aircraft General Knowledge	<u>3(3-0-6)</u>
	Total	<u>18 (- -)</u>

Year 3 Semester 1		Credits (Lecture – Lab – Self Study)
01225312	Data Analysis and Visualization for Aviation Management	3(3-0-6)
01225321	Aviation Operations Management	3(3-0-6)
01225322	Aviation Management and Strategy	3(3-0-6)
01225331	Aviation Business Accounting and Finance	3(3-0-6)
01225341	Flight Operations and Planning	3(3-0-6)
01225353	Aviation Safety	<u>3(3-0-6)</u>
Total		<u>18 (- -)</u>

Year 3 Semester 2		Credits (Lecture – Lab – Self Study)
01225314	Aviation Integrative Learning	3(3-0-6)
01225354	Aviation Quality System	3(3-0-6)
01225361	Aviation Logistics and Supply Chain Management	3(3-0-6)
01225371	Airline Operations and Management	3(3-0-6)
01225372	Airport Operations and Management	3(3-0-6)
01225381	Aviation Maintenance Management	3(3-0-6)
	English	<u>3 (- -)</u>
Total		<u>21 (- -)</u>

Year 4 Semester 1

Credits (Lecture – Lab – Self Study)

01225391	Basic Research Methods in Aviation Technology Management 1(0-2-1)	
	Technical Electives	6 (- -)
	General Education: Entrepreneurship	3 (- -)
	Free Electives	<u>3 (- -)</u>
	Total	<u>13 (- -)</u>

Year 4 Semester 2

Credits (Lecture – Lab – Self Study)

01225499	Aviation Technology Management Project	3(0-9-5)
	Technical Electives	6 (- -)
	Free Electives	<u>3 (- -)</u>
	Total	<u>12 (- -)</u>

2. For students who participate in cooperative education

Year 1 Semester 1		Credits (Lecture – Lab – Self Study)
01225111	Basic Mathematic in Aviation	3(3-0-6)
01225141	Basic Science in Aviation	3(3-0-6)
01225151	Aviation Terminology	3(3-0-6)
01225161	Principles of Aviation System	3(3-0-6)
01999111	Knowledge of the Land	2(2-0-4)
01175xxx	Physical Education Activities	1(0-2-1)
	English	3 (- -)
Total		<u>18 (- -)</u>

Year 1 Semester 2		Credits (Lecture – Lab – Self Study)
01225121	Aviation Organization Management	3(3-0-6)
01225142	Aerodynamics and Flight Performance	3(3-0-6)
01225162	Aviation Law and Regulation	3(3-0-6)
	Thai Language	3 (- -)
	Information/Computer	1 (- -)
	General Education: Aesthetics	3 (- -)
	General Education: Wellness	2 (- -)
Total		<u>18 (- -)</u>

Year 2 Semester 1		Credits (Lecture – Lab – Self Study)
01225212	Statistical Analysis in Aviation	3(2-3-6)
01225231	Aviation Economics	3(3-0-6)
01225244	Aviation Meteorology	2(2-0-4)
01225247	Air Navigation and Communication	2(2-0-4)
	English	3 (- -)
	General Education: Entrepreneurship	3 (- -)
	General Education: Thai Citizen and Global Citizen	<u>3 (- -)</u>
	Total	<u>19 (- -)</u>

Year 2 Semester 2		Credits (Lecture – Lab – Self Study)
01225213	Quantitative Analysis in Aviation	3(3-0-6)
01225232	Aviation Marketing	3(3-0-6)
01225246	Air Traffic Management	3(3-0-6)
01225251	Aviation Professional Development	3(3-0-6)
01225252	Human Factors in Aviation	3(3-0-6)
01225281	Aircraft General Knowledge	<u>3(3-0-6)</u>
	Total	<u>18 (- -)</u>

Year 3 Semester 1		Credits (Lecture – Lab – Self Study)
01225312	Data Analysis and Visualization for Aviation Management	3(3-0-6)
01225321	Aviation Operations Management	3(3-0-6)
01225322	Aviation Management and Strategy	3(3-0-6)
01225331	Aviation Business Accounting and Finance	3(3-0-6)
01225341	Flight Operations and Planning	3(3-0-6)
01225353	Aviation Safety	<u>3(3-0-6)</u>
Total		<u>18 (- -)</u>

Year 3 Semester 2		Credits (Lecture – Lab – Self Study)
01225314	Aviation Integrative Learning	3(3-0-6)
01225354	Aviation Quality System	3(3-0-6)
01225361	Aviation Logistics and Supply Chain Management	3(3-0-6)
01225371	Airline Operations and Management	3(3-0-6)
01225372	Airport Operations and Management	3(3-0-6)
01225381	Aviation Maintenance Management	3(3-0-6)
	English	<u>3 (- -)</u>
Total		<u>21 (- -)</u>

Year 4 Semester 1

Credits (Lecture – Lab – Self Study)

01225391	Basic Research Methods in Aviation Technology Management 1(0-2-1)	
	Technical Electives	9 (- -)
	General Education: Entrepreneurship	3 (- -)
	Free Electives	<u>6 (- -)</u>
	Total	<u>19 (- -)</u>

Year 4 Semester 2

Credits (Lecture – Lab – Self Study)

01225490	Co-operative Education	6
	Total	<u>6 (- -)</u>