

Student Name:											Student ID:											
FLOW CHART AIRCRAFT ENGINEERING TECHNOLOGY - DIPLOMA																						
Fall Semester-S1							Spring Semester-S2							Summer Session*-S3								
Course Code	Course Title	LT	PT	TT	CH	CR	Course Code	Course Title	LT	PT	TT	CH	CR	Course Code	Course Title	LT	PT	TT	CH	CR		
Y1	MATH 1001	Precalculus	3	0	3	6	3	ENGL 1011	Academic English I	3	2	0	5	3	ENGL 1012	Academic English II	3	2	0	5	3	
	PHYS 1015	Physics I for Aviation	3	0	1	4	3	PHYS 1017	Physics II for Aviation	3	0	2	5	3	AVN 1020	Electrical Engineering II	3	0	2	5	3	
	PHYS 1016	Physics I Lab. For Aviation	0	3	0	3	1	AVN 1010	Electrical Engineering I	3	0	2	5	3	AVN 1021	Electrical Engineering II Lab.	0	3	1	4	1	
	ICT 1001	Introd. to Progr. & Probl. Solving	2	2	0	4	3	AVN 1011	Electrical Engineering I Lab.	0	3	1	4	1								
	ENGL 1001	English Skills	1	2	0	3	0	AVSC 2010	Human Factors	3	0	1	4	3								
	HUM 1003	Arabic Communications (W.B.)	3	0	0	3	3	HUM 1001	Islamic Culture	3	0	0	3	3								
	HUM 1002	Emirates Society & Culture	3	0	0	3	3															
<b>15 7 3 25 16</b>							<b>15 5 6 26 16</b>							<b>6 5 3 14 7</b>								
Y2	AME 2110	Adv. Materials & Hardware I	3	1	1	5	2	AME 2210	Adv. Materials & Hardware II	2	0	3	5	2	AME 2310	Adv. Maint. Pract. V	3	0	2	5	3	
	AME 2112	Adv. Aerodynamics	3	0	3	6	3	AME 2212	Adv. Maint. Pract. III	3	0	0	3	3	AME 2311	Adv. Maint. Pract. V Lab	0	6	1	7	2	
	AME 2113	Adv. Aerodynamics Lab	0	2	2	4	1	AME 2213	Adv. Maint. Pract. III Lab.	0	3	2	5	1								
	AME 2120	Adv. Maint. Pract. I	3	0	1	4	3	AVSC 2014	Aviation Legislation-EASA	2	0	3	5	2								
	AME 2121	Adv. Maint. Pract. I Lab.	0	6	0	6	2	AME 2214	Adv. Maint. Pract. IV	3	0	1	4	3								
	AME 2122	Adv. Maint. Pract. II	2	3	3	8	3	AME 2215	Adv. Maint. Pract. IV Lab.	0	6	0	6	2								
	AVSC 2012	Aviation Legislation-GCAA	2	0	3	5	2															
<b>11 15 5 31 16</b>							<b>15 10 8 33 13</b>							<b>3 6 3 12 5</b>								
<b>DIPLOMA in AET - Total Credit Hours = 73</b>																						
Ver: 1/2021											* Summer session Contact Hours (CH) are doubled											
LT: Lecture Hours PT: LAB Hours TT: Tutorial Hours CH: Contact Hours CR: Credit Hours																						

Notes:

Student Name:		Student ID:																					
<b>FLOW CHART_AIRCRAFT ENGINEERING TECHNOLOGY – Aeromechanic - HIGHER DIPLOMA</b>																							
	Fall Semester-S1						Spring Semester-S2						Summer Session*										
	Course Code	Course Title	LT	PT	TT	CH	CR	Course Code	Course Title	LT	PT	TT	CH	CR	Course Code	Course Title	LT	PT	TT	CH	CR		
Y1	MATH 1001	Precalculus	3	0	4	7	3	ENGL 1011	Academic English I	3	2	0	5	3	ENGL 1012	Academic English II	3	2	0	5	3		
	PHYS 1015	Physics I for Aviation	3	0	0	3	3	PHYS 1017	Physics II for Aviation	3	0	1	4	3	AVN 1020	Electrical Engineering II	3	0	3	6	3		
	PHYS 1016	Physics I Lab. For Aviation	0	3	0	3	1	AVN 1010	Electrical Engineering I	3	0	2	5	3	AVN 1021	Electrical Engineering II Lab	0	3	1	4	1		
	ICT 1011	Introd. to Progr. & Probl. Solving	2	2	0	4	3	AVN 1011	Electrical Engineering I Lab.	0	3	1	4	1									
	ENGL 1001	English Skills	1	2	0	3	0	AVSC 2010	Human Factors	3	1	1	5	3									
	HUM 1013	Arabic Communications (W.B.)	3	0	0	3	3	HUM 1011	Islamic Culture	3	0	0	3	3									
	HUM 1012	Emirates Society & Culture	3	0	0	3	3																
			<b>15</b>	<b>7</b>	<b>4</b>	<b>26</b>	<b>16</b>			<b>15</b>	<b>6</b>	<b>5</b>	<b>26</b>	<b>16</b>			<b>6</b>	<b>5</b>	<b>4</b>	<b>15</b>	<b>7</b>		
Y2	AME 2110	Adv. Materials & Hardware I	2	2	1	5	2	AME 2210	Adv. Materials & Hardware II	2	2	1	5	2	AME 3120	Adv.AC Systems and Comp I	3	2	1	6	3		
	AME 2112	Adv. Aerodynamics	3	0	2	5	3	AME 2212	Adv. Maint. Prac. III	3	0	0	3	3	ENGL 2012	Literature Review	1	2	0	3	1		
	AME 2113	Adv. Aerodynamics Lab	0	2	1	3	1	AME 2213	Adv. Maint. Prac. III Lab	0	5	0	5	1									
	AME 2120	Adv. Maint. Prac. I	3	0	1	4	3	AVSC 2014	Aviation Legislation-EASA	2	0	3	5	2									
	AME 2121	Adv. Maint. Prac. I Lab	0	6	0	6	2	AME 2214	Adv. Maint. Prac. IV	3	0	1	4	3									
	AME 2122	Adv. Maint. Prac. II	2	3	0	5	3	AME 2215	Adv. Maint. Prac. IV Lab.	0	6	0	6	2									
	AVN 2008	Electronics for B1	3	0	0	3	2	AVN 2018	Digital Techniques for B1	3	0	3	6	3									
	AVN 2009	Electronics Lab for B1	0	2	0	2	1	AVN 2019	Digital Tech Lab for B1	0	4	0	4	1									
			<b>13</b>	<b>15</b>	<b>5</b>	<b>33</b>	<b>17</b>			<b>13</b>	<b>17</b>	<b>8</b>	<b>38</b>	<b>17</b>			<b>4</b>	<b>4</b>	<b>1</b>	<b>9</b>	<b>4</b>		
Y3	AME 2310	Adv. Maint. Pract. V	3	0	3	6	3	AME 3220	Adv. A/C Systems & Components III (11B1)	3	3	1	7	3	AME 4099	OJT / Internship					3		
	AME 2311	Adv. Maint. Pract. V Lab	0	6	1	7	2	AME 3221	Adv. A/C Systems & Components III Lab. (11B1)	0	2	0	2	1									
	AME 3110	Gas Turbine Engines I (15B1)	3	2	1	6	3	AME 3224	Adv. A/C Systems & Components IV (11B1)	3	0	4	7	3									
	AME 3122	Adv. A/C Systems & Components II (11B1)	3	3	1	7	3	AME 3225	Adv. A/C Systems & Components IV Lab. (11B1)	0	2	0	2	1									
	ENGL 2013	Report Writing	1	2	0	3	1	AME 3210	Gas Turbine Engines II (15B1)	2	0	2	4	2									
	AME 3212	Propellers (17B1)	3	0	0	3	3	AME 3211	Gas Turbine Engines II Lab. (15B1)	0	4	0	4	1									
	ENGL 2011	Public Speaking	1	2	0	3	1	AVSC 2012	Aviation Legislation-GCAA	2	0	3	5	2									
								AME 3080	Capstone Project	1	6	0	7	3									
			<b>14</b>	<b>15</b>	<b>6</b>	<b>35</b>	<b>16</b>			<b>11</b>	<b>17</b>	<b>10</b>	<b>38</b>	<b>16</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>		
Ver: 1/2021												HIGHER DIPLOMA in AET - AEROMECHANIC Total Credit Hours = 112											
* Summer session contact hours (CH) are doubled																							
LT: Lecture Hours PT: LAB Hours TT: Tutorial Hours CH: Contact Hours CR: Credit Hours																							

Notes:

Student Name: \_\_\_\_\_ Student ID: \_\_\_\_\_

**FLOW CHART\_AIRCRAFT ENGINEERING TECHNOLOGY – Avionic - HIGHER DIPLOMA**

Fall Semester-S1						Spring Semester-S2						Summer Session*-S3									
Course Code	Course Title	LT	PT	TT	CH	CR	Course Code	Course Title	LT	PT	TT	CH	CR	Course Code	Course Title	LT	PT	TT	CH	CR	
Y1	MATH 1001	Precalculus	3	0	4	7	3	ENGL 1011	Academic English I	3	2	0	5	3	ENGL 1012	Academic English II	3	2	0	5	3
	PHYS 1015	Physics I for Aviation	3	0	0	3	3	PHYS 1017	Physics II for Aviation	3	0	1	4	3	AVN 1020	Electrical Engineering II	3	0	3	6	3
	PHYS 1016	Physics I Lab. For Aviation	0	3	0	3	1	AVN 1010	Electrical Engineering I	3	0	2	5	3	AVN 1021	Electrical Engineering II Lab	0	3	1	4	1
	ICT 1001	Introd. to Progr. & Probl. Solving	2	2	0	4	3	AVN 1011	Electrical Engineering I Lab.	0	3	1	4	1							
	ENGL 1001	English Skills	1	2	0	3	0	AVSC 2010	Human Factors	3	1	1	5	3							
	HUM 1013	Arabic Communications (W.B.)	3	0	0	3	3	HUM 1011	Islamic Culture	3	0	0	3	3							
	HUM 1012	Emirates Society & Culture	3	0	0	3	3														
		<b>15</b>	<b>7</b>	<b>4</b>	<b>26</b>	<b>16</b>			<b>15</b>	<b>6</b>	<b>5</b>	<b>26</b>	<b>16</b>			<b>6</b>	<b>5</b>	<b>4</b>	<b>15</b>	<b>7</b>	
Y2	AME 2110	Adv. Materials & Hardware I	2	2	1	5	2	AME 2210	Adv. Materials & Hardware II	2	2	1	5	2	ENGL2012	Literature Review	1	2	0	3	1
	AME 2112	Adv. Aerodynamics	3	0	2	5	3	AME 2212	Adv. Maint. Prac. III	3	0	0	3	3	AVN 2022	Digital Tech II for B2	3	0	2	5	3
	AME 2113	Adv. Aerodynamics Lab	0	2	1	3	1	AME 2213	Adv. Maint. Prac. III Lab	0	5	0	5	1	AVN 2023	Digital Tech II Lab for B2	0	3	1	4	1
	AME 2120	Adv. Maint. Prac. I	3	0	1	4	3	AME 2214	Adv. Maint. Prac. IV	3	0	1	4	3							
	AME 2121	Adv. Maint. Prac. I Lab	0	6	0	6	2	AME 2215	Adv. Maint. Prac. IV Lab	0	6	0	6	2							
	AME 2122	Adv. Maint. Prac. II	2	3	0	5	3	AVN 2020	Digital Tech I for B2	3	0	2	5	3							
	AVN 2010	Electronics for B2	3	0	3	6	3	AVN 2021	Digital Tech I Lab for B2	0	3	0	3	1							
AVN 2011	Electronics for B2 Lab	0	3	1	4	1															
		<b>13</b>	<b>16</b>	<b>9</b>	<b>38</b>	<b>18</b>			<b>11</b>	<b>16</b>	<b>4</b>	<b>31</b>	<b>15</b>			<b>4</b>	<b>5</b>	<b>3</b>	<b>12</b>	<b>5</b>	
Y3	AME 2310	Adv. Maint. Pract. V	3	0	3	6	3	AVN 3210	Avionics Systems III	3	2	4	9	3	AVN 4099	OJT / Internship					3
	AME 2311	Adv. Maint. Pract. V Lab	0	6	1	7	2	AVN 3211	Avionics Systems III Lab	0	2	0	2	1							
	AVN 3110	Avionics Systems I	3	2	1	6	3	AVN 3212	Avionics Systems IV	3	2	4	9	3							
	AVN 3111	Avionics Systems I Lab	0	2	0	2	1	AVN 3213	Avionics Systems IV Lab	0	2	0	2	1							
	ENGL 2013	Report Writing	1	2	0	3	1	AVN 3080	Capstone Project	1	6	0	7	3							
	AVN 3112	Avionics Systems II	3	2	4	9	3	AVSC 2012	Aviation Legislation-GCAA	2	0	3	5	2							
	AVN 3113	Avionics Systems II Lab	0	2	0	2	1	ENGL 2011	Public Speaking	1	2	0	3	1							
AVN 3010	Propulsion and FADEC	2	2	1	5	2	AVSC 2014	Aviation Legislation-EASA	2	0	3	5	2								
		<b>12</b>	<b>18</b>	<b>10</b>	<b>40</b>	<b>16</b>			<b>12</b>	<b>16</b>	<b>14</b>	<b>42</b>	<b>16</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	

**HIGHER DIPLOMA in AET - Avionic Total Credit Hours = 112**

Ver: 4/2020

LT: Lecture Hours PT: LAB Hours TT: Tutorial Hours CH: Contact Hours CR: Credit Hours

\* Summer session CH hours are doubled

**Notes:**