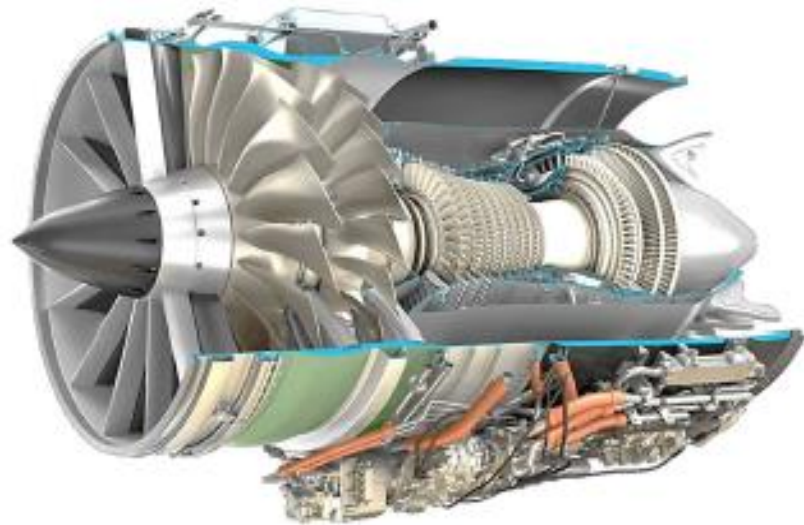




Kementerian Perhubungan
Badan Pengembangan SDM Perhubungan
Politeknik Penerbangan Medan



KURIKULUM PROGRAM STUDI
TEKNOLOGI PEMELIHARAAN PESAWAT UDARA (TPPU)
PROGRAM DIPLOMA TIGA



TAHUN 2021

Semester I

Kode Mata Kuliah	Mata Kuliah	SKS		
		Teori	Praktek	Jumlah
5TPUB1001	<i>Mathematics</i>	2	1	3
5TPUB1002	<i>Physics</i>	2	1	3
5TPUB1003	Chemistry	2	1	3
5TPUC1001	Dasar Teknologi Mekanik (Avionic)/ <i>Basic workshop Theory for Avionic</i>	2	2	4
5TPUC1002	<i>Aircraft Hardware for Avionic</i> / Dasar Ilmu Bahan Pesawat (Avionic)	2	1	3
JUMLAH		10	6	16

Semester II

Kode Mata Kuliah	Mata Kuliah	SKS		
		Teori	Praktek	Jumlah
5TPUB1004	<i>Technical English and Communication English</i>	1	2	3
5TPUB2006	<i>Technical Drawing</i>	1	1	2
5TPUB2007	Dasar Teknik Digital/ <i>Digital Technic Fundamental</i>	2	1	3
5TPUC2004	Dasar Listrik/ <i>Electrical Fundamental</i>	2	2	4
5TPUC2005	Dasar Listrik/ <i>Electrical Fundamental</i>	2	2	4
5TPUC2006	<i>Aerodynamic Aeroplane dan Helicopter</i>	2	1	3
JUMLAH		10	9	19

Semester III

Kode Mata Kuliah	Mata Kuliah	SKS		
		Teori	Praktek	Jumlah
5TPUC3007	Teknik Digital Terapan/ Applied Digital Techniques	2	1	3
5TPUC3008	Sistem Elektrikal(Avionic)/ (Electrical System of Avionics)	2	2	4
5TPUC3009	Sistem Instrument Pesawat/ <i>Aircraft Instrument system</i>	2	2	4
5TPUC3010	Propulsi Pesawat Udara/ <i>Aircraft Propulsion</i>	2	1	3
5TPUC3011	Komputer Pesawat	2	1	3
5TPUC3012	Sistem Pengkabelan Listrik Terintegrasi/ <i>Electrical Wiring Integrated System (EWIS)</i>	2	1	3
JUMLAH		12	8	20

Semester IV

Kode Mata Kuliah	Mata Kuliah	SKS		
		Teori	Praktek	Jumlah
5TPUC4013	<i>Aviation Regulations/</i> Regulasi Penerbangan	2	-	2
5TPUC4014	Sistem Lingkungan Kabin Pesawat(Avionic)/ <i>Aircraft Cabin Environment System</i>	2	1	3
5TPUC4015	Modul Avionic Integrasi/ <i>Integrated Modular Avionic</i>	2	1	3
5TPUC4016	Navigasi Pesawat Terbang/ <i>Aircraft Airborne Navigation</i>	2	1	3
5TPUC4017	Komunikasi Pesawat Terbang/ <i>Aircraft Communication</i>	2	1	3
5TPUC4018	Sistem Kabin/ <i>Cabin System</i>	2	1	3
5TPUD4001	Factor Manusia/ <i>Human Factor</i>	2	1	3
5PPUA1004	Bahasa Indonesia	2	-	2
JUMLAH		16	6	22

Semester V

Kode Mata Kuliah	Mata Kuliah	SKS		
		Teori	Praktek	Jumlah
5PPUA5002	Pancasila	2		2
5TPUD5003	<i>Basic incident and Accident Investigation</i>	2	1	3
5TPUC5019	Sistem Instrument Elektronik/ <i>Electronic Instrument System</i>	2	1	3
5TPUC5020	Perabot dan Peralatan Pesawat (Avionic)/ Aircraft Furnishing and Equipment	2		2
5TPUC5021	Sistem Kendali Terbang Otomatis Pesawat/ <i>Autofight System Aeroplane</i>	2	1	3
5TPUC5022	Teknik Inspeksi dan Penanganan Pesawat Avionic/ <i>Inspection Technic and Aircraft Handling for Avionic</i>	2	1	3
JUMLAH		12	4	16

Semester VI

Kode Mata Kuliah	Mata Kuliah	SKS		
		Teori	Praktek	Jumlah
5PPUA6003	Kewarganegaraan	2	-	2
5TPUC6023	Sistem Instrumentasi Kokpit/ <i>Cockpit Instrumentation System</i>	2	-	2
5TPUC6024	Sistem Kendali Terbang Otomatis Helikopter/ <i>Autoflight System Helicopter</i>	2	1	3
5TPUC6025	Sistem Pemeliharaan Avionic/ <i>Avionic Maintenance System</i>	-	3	3
5TPUD6002	Kewirausahaan	2	-	2
5PPUA6001	Agama	2	-	2
5TPUB6005	<i>English Proficiency Listening and Speaking</i>	1	2	3
JUMLAH		11	6	17