

IV. ORGANISASI MATA KULIAH DAN SEBARAN MATA KULIAH TIAP SEMESTER

A. Organisasi Mata Kuliah

| SMT        | SKS       |           |            | JML MK    | KELOMPOK MATA KULIAH                                |   |    |   |   |   |   |   |   |                              |   |                                |   |                  |      |   |  |  |
|------------|-----------|-----------|------------|-----------|---|---|----|---|---|---|---|---|---|------------------------------|---|--------------------------------|---|------------------|------|---|--|--|
|            | T         | P         | JML        |           | MATA KULIAH WAJIB                                   |   |    |   |   |   |   |   |   |                              |   |                                |   |                  | MKWN |   |  |  |
| I          | 15        | 3         | 18         | 8         | Matematika  | Fisika                                    |    | Hukum dan Regulasi Penerbangan                  |   | <i>Fire Behaviour and Combustion</i>        |   | Bandar Udara, Heliport dan Bandar Udara Perairan      |   | <i>Aircraft</i>              |   | <i>Fire Fighting Equipment</i> |   | Pancasila        |      |   |  |  |
|            |           |           |            |           | 2   | 0   | 2  | 0   | 2 | 0   | 2 | 0   | 1 | 1                            | 2 | 0                              | 2 | 2                | 2    |   |  |  |
| II         | 10        | 10        | 20         | 7         | Informasi Teknologi                                 | <i>Fire Extinguishing Agent</i>           |    | <i>Fire Pump and Hydraulic System</i>           |   | <i>Fire Fighting Vehicle</i>                |   | <i>Firemanship</i>                                    |   | <i>General English</i>       |   |                                |   | Kewarganegaraan  |      |   |  |  |
|            |           |           |            |           | 1   | 2   | 1  | 2   | 1 | 2   | 2 | 2   | 1 | 1                            | 2 | 1                              |   |                  | 2    | 0 |  |  |
| III        | 10        | 9         | 19         | 8         | <i>Watchroom and Radiotelephony</i>                 | <i>Fire Prevention and Protection</i>     |    | <i>Dangerous Goods Handling Procedure</i>       |   | Teknik Evakuasi Korban                      |   | <i>First Aid</i>                                      |   | <i>Aviation English</i>      |   |                                |   | Agama            |      |   |  |  |
|            |           |           |            |           | 1   | 1   | 1  | 2   | 2 | 0   | 2 | 2   | 1 | 2                            | 1 | 2                              |   |                  | 2    | 0 |  |  |
| IV         | 15        | 5         | 20         | 7         | <i>Airport Emergency Planning</i>                   | <i>Fire Fighting Tactic and Technique</i> |    | <i>Water Rescue and Fire Fighting Operation</i> |   | Keselamatan, Kesehatan Kerja dan Lingkungan |   | <i>Human Factor and Safety Management Fundamental</i> |   | <i>Ramp Safety Awareness</i> |   | Metodologi Penelitian          |   | Bahasa Indonesia |      |   |  |  |
|            |           |           |            |           | 2   | 1   | 2  | 2   | 1 | 2   | 2 | 0   | 2 | 0                            | 2 | 0                              | 2 | 0                | 2    | 0 |  |  |
| V          | 0         | 20        | 20         | 1         | <i>On the Job Training</i>                          |   |    |   |   |   |   |   |   |                              |   |                                |   |                  |      |   |  |  |
|            |           |           |            |           | 0   |   | 20 |   |   |   |   |   |   |                              |   |                                |   |                  |      |   |  |  |
| VI         | 7         | 8         | 15         | 5         | <i>Task Resources analysis and Reporting System</i> | <i>Fire Fighting Robotic</i>              |    | <i>Aircraft Salvage</i>                         |   | Etos Kerja dan Kepemimpinan                 |   | Kewirausahaan   |   | Tugas Akhir                  |   |                                |   |                  |      |   |  |  |
|            |           |           |            |           | 1   | 1   | 1  | 1   | 1 | 2   | 2 | 0   | 2 | 0                            | 0 | 4                              |   |                  |      |   |  |  |
| <b>JML</b> | <b>57</b> | <b>55</b> | <b>112</b> | <b>36</b> |   |   |    |   |   |   |   |   |   |                              |   |                                |   |                  |      |   |  |  |

Mata Kuliah Wajib (MK Wajib)
Mata Kuliah Wajib Nasional (MKWN)
Mata Kuliah Program Merdeka Belajar Kampus Merdeka (MK MBKM)

B. Sebaran Mata Kuliah Tiap Semester

Semester I

| KODE MK   | MATA KULIAH  | SKS       |          |           |
|-----------|--|-----------|----------|-----------|
|           |  | Teori     | Praktek  | Jumlah    |
| 5PPKPA101 | Matematika   | 2         |          | 2         |
| 5PPKPA102 | Fisika   | 2         |          | 2         |
| 5PPKPA103 | Hukum dan Regulasi Penerbangan                                 | 2         |          | 2         |
| 5PPKPA104 | <i>Fire Behaviour and Combustion</i>                           | 2         |          | 2         |
| 5PPKPA105 | <i>Aerodrome, Heliport and Water Aerodrome</i>                 | 1         | 1        | 2         |
| 5PPKPA106 | Pesawat (Aircraft)   | 2         |          | 2         |
| 5PPKPA107 | Peralatan Pemadam Kebakaran ( <i>Fire Fighting Equipment</i> ) | 2         | 2        | 4         |
| 5PPKPB101 | Pancasila  | 2         |          | 2         |
|           | <b>JUMLAH</b>  | <b>15</b> | <b>3</b> | <b>18</b> |

Semester II

| KODE MK   | MATA KULIAH                           | SKS       |           |           |
|-----------|---------------------------------------|-----------|-----------|-----------|
|           |                                       | Teori     | Praktek   | Jumlah    |
| 5PPKPA208 | Teknologi Informasi                   | 1         | 2         | 3         |
| 5PPKPA209 | <i>Fire Extinguishing Agent</i>       | 1         | 2         | 3         |
| 5PPKPA210 | <i>Fire Pump and Hydraulic System</i> | 1         | 2         | 3         |
| 5PPKPA211 | <i>Fire Fighting Vehicle</i>          | 2         | 2         | 4         |
| 5PPKPA212 | <i>Firemanship</i>                    | 1         | 1         | 2         |
| 5PPKPA213 | <i>General English</i>                | 2         | 1         | 3         |
| 5PPKPB202 | Kewarganegaraan                       | 2         |           | 2         |
|           | <b>JUMLAH</b>                         | <b>10</b> | <b>10</b> | <b>20</b> |

Semester III

| KODE MK   | MATA KULIAH   | SKS       |          |           |
|-----------|---|-----------|----------|-----------|
|           |   | Teori     | Praktek  | Jumlah    |
| 5PPKPA314 | <i>Watchroom and Radio Telephony</i>                            | 1         | 1        | 2         |
| 5PPKPA315 | <i>Fire Prevention and Protection</i>                           | 1         | 2        | 3         |
| 5PPKPA316 | <i>Dangerous Goods</i>  | 2         |          | 2         |
| 5PPKPA317 | Teknik Evakuasi Korban ( <i>Victims Evacuation Techniques</i> ) | 2         | 2        | 4         |
| 5PPKPA318 | <i>First Aid</i>  | 1         | 2        | 3         |
| 5PPKPA319 | Bahasa Inggris Penerbangan ( <i>Aviation English</i> )          | 1         | 2        | 3         |
| 5PPKPB303 | Agama   | 2         |          | 2         |
|           | <b>JUMLAH</b>   | <b>10</b> | <b>9</b> | <b>19</b> |

Semester IV

| KODE MK   | MATA KULIAH   | SKS       |          |           |
|-----------|---|-----------|----------|-----------|
|           |   | Teori     | Praktek  | Jumlah    |
| 5PPKPA420 | <i>Airport Emergency Planning</i>                     | 2         | 1        | 3         |
| 5PPKPA421 | <i>Fire Fighting Tactic and Technique</i>             | 2         | 2        | 4         |
| 5PPKPA422 | <i>Water Rescue and Fire Fighting Operation</i>       | 1         | 2        | 3         |
| 5PPKPA423 | Keselamatan, Kesehatan Kerja dan Lingkungan           | 2         |          | 2         |
| 5PPKPA424 | <i>Human Factor and Safety Management Fundamental</i> | 2         |          | 2         |
| 5PPKPA425 | <i>Ramp Safety Awareness</i>                          | 2         |          | 2         |
| 5PPKPA426 | Metodologi Penelitian                                 | 2         |          | 2         |
| 5PPKPB404 | Bahasa Indonesia                                      | 2         |          | 2         |
|           | <b>JUMLAH</b>   | <b>15</b> | <b>5</b> | <b>20</b> |

Semester V

| KODE MK | MATA KULIAH                      | SKS   |           |           |
|---------|----------------------------------|-------|-----------|-----------|
|         |                                  | Teori | Praktek   | Jumlah    |
|         | <i>On the Job Training (OJT)</i> |       | 20        | 20        |
|         |                                  |       |           |           |
|         | <b>JUMLAH</b>                    |       | <b>20</b> | <b>20</b> |

Semester VI

| KODE MK          | MATA KULIAH   | SKS       |           |            |
|------------------|---|-----------|-----------|------------|
|                  |   | Teori     | Praktek   | Jumlah     |
| 5PPKPA627        | <i>Task Resources Analysis and Reporting System</i> | 1         | 1         | 2          |
| 5PPKPA628        | <i>Fire Fighting Robotic</i>                        | 1         | 1         | 2          |
| 5PPKPA629        | <i>Aircraft Salvage</i>                             | 1         | 2         | 3          |
| 5PPKPA630        | Etos Kerja dan Kepemimpinan                         | 2         |           | 2          |
| 5PPKPA631        | Kewirausahaan                                       | 2         |           | 2          |
| 5PPKPA632        | Tugas Akhir   |           | 4         | 4          |
|                  | <b>JUMLAH</b>                                       | <b>7</b>  | <b>8</b>  | <b>15</b>  |
| <b>TOTAL SKS</b> |   | <b>57</b> | <b>55</b> | <b>112</b> |