



**UNIVERSITAS PANCASILA
PROFIL LULUSAN DAN CAPAIAN PEMBELAJARAN**



**UNIVERSITAS PANCASILA
PROFILE OF THE GRADUATE AND LEARNING OUTCOMES**

Fakultas	: Teknik	Faculty	: Engineering
Program Studi	: Teknik Mesin (Mekatronika)	Study Program	: Mechanical Engineering (Mechatronics)
Jenjang	: Diploma Tiga (D-3)	Study Level	: Associate's Degree

<p>I. PROFIL LULUSAN</p> <p>Lulusan Program Studi D-3 Teknik Mesin (Mekatronika) Universitas Pancasila memiliki Profil Lulusan sebagai berikut:</p> <ol style="list-style-type: none"> 1. Tenaga profesional tingkat menengah (Ahli Madya) yang kompeten dalam merancang, mengoperasikan, memelihara, dan memperbaiki sistem mekatronika yang terdiri dari elemen mekanik, elektronik, dan pemrograman sistem kontrol otomatis. 2. Teknisi pada industri manufaktur dan rekayasa mekanis <p>II. CAPAIAN PEMBELAJARAN</p> <p>A. Sikap</p> <p>Lulusan Program Studi D-3 Teknik Mesin (Mekatronika) Universitas Pancasila memiliki Sikap sebagai berikut:</p> <ol style="list-style-type: none"> 1. Bertakwa kepada Tuhan Yang Maha Esa dan mampu menunjukkan sikap religious; 2. Menjunjung tinggi nilai kemanusiaan dalam menjalankan tugas berdasarkan agama, moral, dan etika; 	<p>I. GRADUATE PROFILE</p> <p>Graduates of Associate's Degree in Mechanical Engineering Department of Universitas Pancasila are expected to have the following graduate profiles:</p> <ol style="list-style-type: none"> 1. Associate Experts (Mid-Level Technicians/Professionals) who demonstrate competence in designing, operating, maintaining, and troubleshooting mechatronic systems consisting of mechanical components, electronic devices, and automated control programming. 2. Technical personnel capable of performing engineering support functions in the manufacturing and mechanical engineering industries. <p>II. LEARNING OUTCOMES</p> <p>A. Attitude</p> <p>Graduates of Associate's Degree in Mechanical Engineering Department of Universitas Pancasila are expected to have the following graduate profiles:</p> <ol style="list-style-type: none"> 1. Demonstrate devotion to God Almighty and reflect religious values in personal and professional conduct; 2. Uphold humanitarian values in carrying out professional duties based on religious, moral, and ethical considerations;
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<ol style="list-style-type: none">3. Berkontribusi dalam peningkatan mutu kehidupan bermasyarakat, berbangsa, bernegara, dan peradaban berdasarkan Pancasila;4. Berperan sebagai warga negara yang bangga dan cinta tanah air, memiliki nasionalisme serta rasa tanggung jawab pada negara dan bangsa;5. Menghargai keanekaragaman budaya, pandangan, agama, dan kepercayaan serta pendapat atau temuan orisinal orang lain;6. Bekerja sama dan memiliki kepekaan social serta kepedulian terhadap masyarakat dan lingkungan;7. Taat hukum dan disiplin dalam kehidupan bermasyarakat dan bernegara;8. Menginternalisasi nilai, norma, dan etika akademik;9. Menunjukkan sikap bertanggung jawab atas pekerjaan di bidang keahliannya secara mandiri;10. Menginternalisasi semangat kemandirian, kejuangan, dan kewiraswastaan; dan11. Memiliki sikap etis dan estetis, komunikatif, adaptif, dan apresiasif	<ol style="list-style-type: none">3. Contribute to societal, national, and global development in alignment with the values of Pancasila;4. Exhibit patriotism, national pride, and a sense of responsibility toward the nation and the state;5. Respect cultural diversity, perspectives, religions, beliefs, and appreciate the opinions and original contributions of others;6. Demonstrate the ability to collaborate and exercise social sensitivity and responsibility toward the community and the environment;7. Comply with regulations and demonstrate discipline in social and professional contexts;8. Internalize and uphold academic values, norms, and ethical standards;9. Exhibit accountability for professional tasks within their area of expertise independently;10. Embody the spirit of independence, perseverance, and entrepreneurship; and11. Demonstrate ethical, aesthetic, communicative, adaptive, and appreciative behavior in professional interactions.
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B. Penguasaan Pengetahuan

Lulusan Program Studi D-3 Teknik Mesin (Mekatronika) Universitas Pancasila memiliki Penguasaan Pengetahuan sebagai berikut:

1. Menguasai secara umum prinsip dasar ilmu teknik mesin, metode perancangan produk, dan sistem mekanis;
2. Menguasai secara umum konsep dasar perancangan produk dan sistem mekanis; dan
3. Menguasai dasar keilmuan pada bidang elektronika dan pemrograman komputer sebagai dasar keilmuan mekatronika dalam industri manufaktur.

C. Keterampilan Umum

Lulusan Program Studi D-3 Teknik Mesin (Mekatronika) Universitas Pancasila memiliki Keterampilan Umum sebagai berikut:

1. Berlingkup luas dan menganalisis data dengan beragam metode yang sesuai, baik yang belum maupun yang sudah baku;
2. Mampu menunjukkan kinerja bermutu dan terukur;
3. Mampu memecahkan masalah pekerjaan dengan sifat dan konteks yang sesuai dengan bidang keahlian terapanya didasarkan pada pemikiran logis, inovatif, dan bertanggung jawab atas hasilnya secara mandiri;

B. Knowledge Mastery

Graduates of Associate's Degree in Mechanical Engineering Department of Universitas Pancasila are expected to have the following knowledge masteries:

1. Master the basic principles of mechanical engineering, product design methodology, and mechanical systems in general.
2. Master the fundamental concepts of product design and mechanical systems; and
3. Master the foundational knowledge of electronics and computer programming as the scientific basis of mechatronics in the manufacturing industry.

C. General Skill

Graduates of Associate's Degree in Mechanical Engineering Department of Universitas Pancasila are expected to have the following general skills:

1. Demonstrate the ability to complete wide-ranging tasks and analyze data using a variety of appropriate methods, both standardized and non-standardized;
2. Demonstrate the ability to deliver qualified and measurable performance;
3. Demonstrate the ability to solve work-related problems relevant to the applied areas of expertise based on logical and innovative thinking, and take independent responsibility for the outcomes;



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<p>2. Mampu menghasilkan konsep rancangan produk dan sistem mekanis.</p> <p>3. Mampu membuat model produk dan sistem mekanis dengan menggunakan perangkat lunak desain;</p> <p>4. Mampu merancang dan merealisasikan sistem kontrol-proses;</p> <p>5. Mampu memelihara lingkungan kerja sesuai dengan standar K3; dan</p> <p>6. Mampu berfungsi dan bekerjasama dalam tim multidisipliner</p>	<p>2. Demonstrate the ability to develop conceptual designs for products and mechanical systems;</p> <p>3. Demonstrate the ability to create product and mechanical system models using design software;</p> <p>4. Demonstrate the ability to design and implement process control systems;</p> <p>5. Demonstrate the ability to maintain a safe and healthy work environment in accordance with Occupational Health and Safety (OHS) standards;</p> <p>6. Demonstrate the ability to function and collaborate effectively within a multidisciplinary team.</p>
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Jakarta, 23 Juli 2025 / Jakarta, July 23 2025

Disetujui/Approved by

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Dekan/Dean

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