



UNIVERSITAS PANCASILA
PROFIL LULUSAN DAN CAPAIAN PEMBELAJARAN



UNIVERSITAS PANCASILA
PROFILE OF THE GRADUATE AND LEARNING OUTCOMES

Fakultas : Teknik Program Studi : Teknik Sipil Jenjang : Sarjana (S-1)	Faculty : Engineering Study Program : Civil Engineering Level : Undergraduate
<p>I. PROFIL LULUSAN Lulusan Program Studi Teknik Sipil S-1 Universitas Pancasila memiliki profil lulusan antara lain sebagai berikut:</p> <ol style="list-style-type: none">1. asisten perencana,2. asisten konsultan perencanaan,3. asisten pengawas,4. asisten konsultan ekonomi bangunan,5. peneliti dan pengembang, atau6. wiraswasta bidang teknik sipil.	<p>I. PROFILE OF THE GRADUATE The graduate of Civil Engineering Study Program, Universitas Pancasila has among others the following profiles:</p> <ol style="list-style-type: none">1. engineer assistant;2. planning consultant assistant;3. supervisor assistant;4. quantity surveyor assistant,5. researcher and developer, or6. entrepreneur in the field of civil engineering.
<p>II. CAPAIAN PEMBELAJARAN</p> <p>A. SIKAP Lulusan Program Studi Teknik Sipil S-1 Universitas Pancasila memiliki sikap sebagai berikut:</p> <ol style="list-style-type: none">1. bertakwa kepada Tuhan Yang Maha Esa dan mampu menunjukkan sikap religius;2. menjunjung tinggi nilai kemanusiaan dalam menjalankan tugas berdasarkan agama, moral, dan etika;3. berkontribusi dalam peningkatan mutu kehidupan bermasyarakat, berbangsa, bernegara, dan kemajuan peradaban berdasarkan Pancasila;4. berperan sebagai warga negara yang bangga dan cinta tanah air, memiliki nasionalisme serta rasa tanggungjawab pada negara dan bangsa;	<p>II. LEARNING OUTCOMES</p> <p>A. ATTITUDE The graduate of Civil Engineering Study Program, Universitas Pancasila has the following attitudes:</p> <ol style="list-style-type: none">1. believe in One God Almighty and show religious attitude;2. highly uphold the value of the humanities in carrying out his/her duties based on religion, moral, and ethics;3. contribute to improving the quality of life of the society, the nation, the state, and the progress of civilization based on Pancasila;4. act as a proud, patriotic, and nationalistic citizen and be responsible to the state and nation;



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<p>5. menghargai keanekaragaman budaya, pandangan, agama, dan kepercayaan serta pendapat atau temuan orisinal orang lain;</p> <p>6. bekerjasama dan memiliki kepekaan sosial serta kepedulian terhadap masyarakat dan lingkungan;</p> <p>7. taat hukum dan disiplin dalam kehidupan bermasyarakat dan bernegara;</p> <p>8. menginternalisasi nilai, norma, dan etika akademik;</p> <p>9. menunjukkan sikap bertanggung jawab atas pekerjaan di bidang keahliannya secara mandiri; dan</p> <p>10. menginternalisasi semangat kemandirian, kejuangan, dan kewiraswastaan.</p> <p>B. PENGUASAAN PENGETAHUAN Lulusan Program Studi Teknik Sipil S-1 Universitas Pancasila memiliki penguasaan pengetahuan sebagai berikut:</p> <p>1. menguasai secara mendalam konsep teoretis tentang sains, prinsip, dan perancangan rekayasa yang diperlukan untuk merancang dan menganalisis rekayasa geoteknik, rekayasa transportasi, dan rekayasa konstruksi prasarana (infrastruktur);</p> <p>2. menguasai secara mendalam konsep sains alam dan prinsip matematika rekayasa pada bidang rekayasa geoteknik, rekayasa</p>	<p>5. respect diversity in cultures, views, religions, and beliefs as well as opinions or the original findings of others;</p> <p>6. cooperate and have social sensitivity and social care for the society and the environment;</p> <p>7. obey the law and be disciplined in social and state lives;</p> <p>8. internalize academic values, norms, and ethics;</p> <p>9. show responsibility in his/her area of expertise independently; and</p> <p>10. internalize the spirit of independence, effort, and entrepreneurship.</p> <p>B. KNOWLEDGE MASTERY The graduate of Civil Engineering Study Program, Universitas Pancasila has the following knowledge masteries:</p> <p>1. a complete mastery of the theoretical concepts of engineering science, principles, and engineering design required to design and analyze geotechnical engineering, transportation engineering, and infrastructure construction engineering;</p> <p>2. a complete mastery of natural science concepts and engineering mathematics principles in the areas of geotechnical</p>



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<p>transportasi, dan rekayasa konstruksi prasarana (infrastruktur);</p> <ol style="list-style-type: none"> 3. menguasai secara mendalam tentang peraturan, norma, standar, kesehatan dan keselamatan kerja (K3), dan prosedur operasional baku yang berlaku pada rekayasa geoteknik, rekayasa transportasi, dan rekayasa konstruksi prasarana (infrastruktur); 4. menguasai isu kontemporer tentang ekonomi, sosial budaya, dan lingkungan. 5. memiliki pengetahuan tentang sistem informasi manajemen dalam teknik sipil; dan 6. menguasai prinsip kewiraswastaan. <p>C. KETERAMPILAN UMUM Lulusan Program Studi Teknik Sipil S-1 Universitas Pancasila memiliki keterampilan umum sebagai berikut:</p> <ol style="list-style-type: none"> 1. mampu menerapkan pemikiran logis, kritis, sistematis, dan inovatif dalam konteks pengembangan atau implementasi ilmu pengetahuan dan teknologi dengan memperhatikan dan menerapkan nilai humaniora yang sesuai dengan bidang keahliannya; 2. mampu menunjukkan kinerja mandiri, bermutu, dan terukur; 	<p>engineering, transportation engineering, and infrastructure construction engineering;</p> <ol style="list-style-type: none"> 3. a complete mastery of the rules, norms, standards, occupational health and safety (OHS), and Standard Operating Procedures applicable to geotechnical engineering, transportation engineering, and infrastructure construction engineering (infrastructure); 4. a complete mastery of contemporary issues on economy, socio-culture, and environment. 5. a knowledge of management information system in civil engineering; and 6. a knowledge of entrepreneurship principles. <p>C. GENERAL SKILLS The graduate of Civil Engineering Study Program, Universitas Pancasila has the following general skills:</p> <ol style="list-style-type: none"> 1. an ability to implement logical, critical, systematic, and innovative thinking in the context of developing or implementing science and technology by taking into account and implementing the values of the humanity according to his/her of expertise; 2. an ability to demonstrate independent, excellent, and measurable performance;



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<p>3. mampu mengkaji implikasi pengembangan atau implementasi ilmu pengetahuan teknologi dengan memperhatikan dan menerapkan nilai humaniora sesuai dengan keahliannya berdasarkan kaidah, tatacara, dan etika ilmiah dalam rangka menghasilkan solusi, gagasan, desain atau kritik seni;</p> <p>4. mampu menyusun deskripsi saintifik hasil kajian tersebut di atas dalam bentuk skripsi atau laporan tugas akhir, dan mengunggahnya dalam laman perguruan tinggi;</p> <p>5. mampu mengambil keputusan secara tepat dalam konteks penyelesaian masalah di bidang keahliannya, berdasarkan hasil analisis informasi dan data;</p> <p>6. mampu memelihara dan mengembangkan jaringan kerja dengan pembimbing, kolega, sejawat baik di dalam maupun di luar lembaganya;</p> <p>7. mampu bertanggung jawab atas capaian kerja kelompok, melakukan supervisi, dan mengevaluasi penyelesaian pekerjaan yang ditugaskan kepada pekerja yang berada di bawah tanggung jawabnya;</p> <p>8. mampu melakukan proses evaluasi diri terhadap kelompok kerja yang berada di bawah tanggung jawabnya, dan mampu mengelola pembelajaran secara mandiri; dan</p>	<p>3. an ability to find the implications of the development or implementation of science and technology by taking into account and implementing the values of humanity according to his/her expertise based on rules, procedures, and scientific ethics in the process of generating solutions, ideas, designs or art criticism;</p> <p>4. an ability to write a scientific report in the form of <i>skripsi</i> or final project report and upload it into the university websites;</p> <p>5. an ability to take decisions accurately in the context of solving the problems in his/her expertise, based on information and data analyses;</p> <p>6. an ability to maintain and develop networks with advisors, colleagues, inside and outside his/her institution;</p> <p>7. an ability to be responsible for the result of collaborative work, to supervise, and to evaluate the completion of work assigned to the staff under his/her responsibility;</p> <p>8. an ability to conduct a self-evaluation process on work group under his/her responsibility, and be able to learn autonomously; and</p>



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<p>9. mampu mendokumentasikan, menyimpan, mengamankan, dan menemukan kembali data untuk menjamin kesahihan dan mencegah plagiasi.</p> <p>D. KETERAMPILAN KHUSUS Lulusan Program Studi Teknik Sipil S-1 Universitas Pancasila memiliki keterampilan khusus sebagai berikut:</p> <ol style="list-style-type: none"> 1. mampu merancang dan menganalisis rekayasa geoteknik, rekayasa transportasi, dan rekayasa konstruksi prasarana (infrastruktur) dengan mengacu kepada sains, prinsip, dan perancangan rekayasa; 2. mampu mengaplikasikan konsep sains alam dan prinsip matematika rekayasa pada rekayasa geoteknik, rekayasa transportasi, dan rekayasa konstruksi prasarana (infrastruktur); 3. mampu menerapkan peraturan, norma, standar, kesehatan dan keselamatan kerja (K3), dan prosedur operasional baku pada rekayasa geoteknik, rekayasa transportasi, dan rekayasa konstruksi prasarana (infrastruktur); 4. mampu memanfaatkan isu kontemporer dalam rancangan teknik sipil; 5. mampu menggunakan sistem informasi manajemen dalam rancangan teknik sipil; 6. mampu berkomunikasi secara efektif; 	<p>9. an ability to document, to store, to safeguard, to retrieve and to ensure the validity of the data and to prevent plagiarism.</p> <p>D. SPECIFIC SKILLS The graduate of Civil Engineering Study Program, Universitas Pancasila has the following specific skills:</p> <ol style="list-style-type: none"> 1. an ability to design and to analyze geotechnical engineering, transportation engineering, and infrastructure construction engineering with reference to science, principles, and engineering design; 2. an ability to apply natural science concepts and principles of mathematics engineering to geotechnical engineering, transportation engineering, and infrastructure construction engineering; 3. an ability to apply regulations, norms, standards, Occupational Health and Safety (OHS), and standard operating procedures to geotechnical engineering, transportation engineering, and infrastructure construction engineering; 4. an ability to use contemporary issues in civil engineering design; 5. an ability to use management information system in civil engineering design; 6. an ability to communicate effectively;



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7. mampu berfungsi dan bekerjasama dalam tim multidisipliner; dan 8. mampu berwiraswasta dalam bidang teknik sipil.	7. an ability to function on and collaborate at multidisciplinary teams; and 8. an ability to run a business in civil engineering field.

Disetujui,

Dr. Ir. Budhi Muliawan S, IPM.
Dekan



Jakarta, 22 Juni 2018

Dibuat,

Ir. Akhmad Dofir, M. T.
Ketua Program Studi

Disahkan,

Prof. Dr. Wahono Sumaryono, Apt.
Rektor

