



**KEMENTRIAN RISET, TEKNOLOGI DAN PENDIDIKAN**  
**UNIVERSITAS NEGERI PADANG FAKULTAS TEKNIK**  
**PROGRAM STUDI PENDIDIKAN TEKNIK OTOMOTIF**

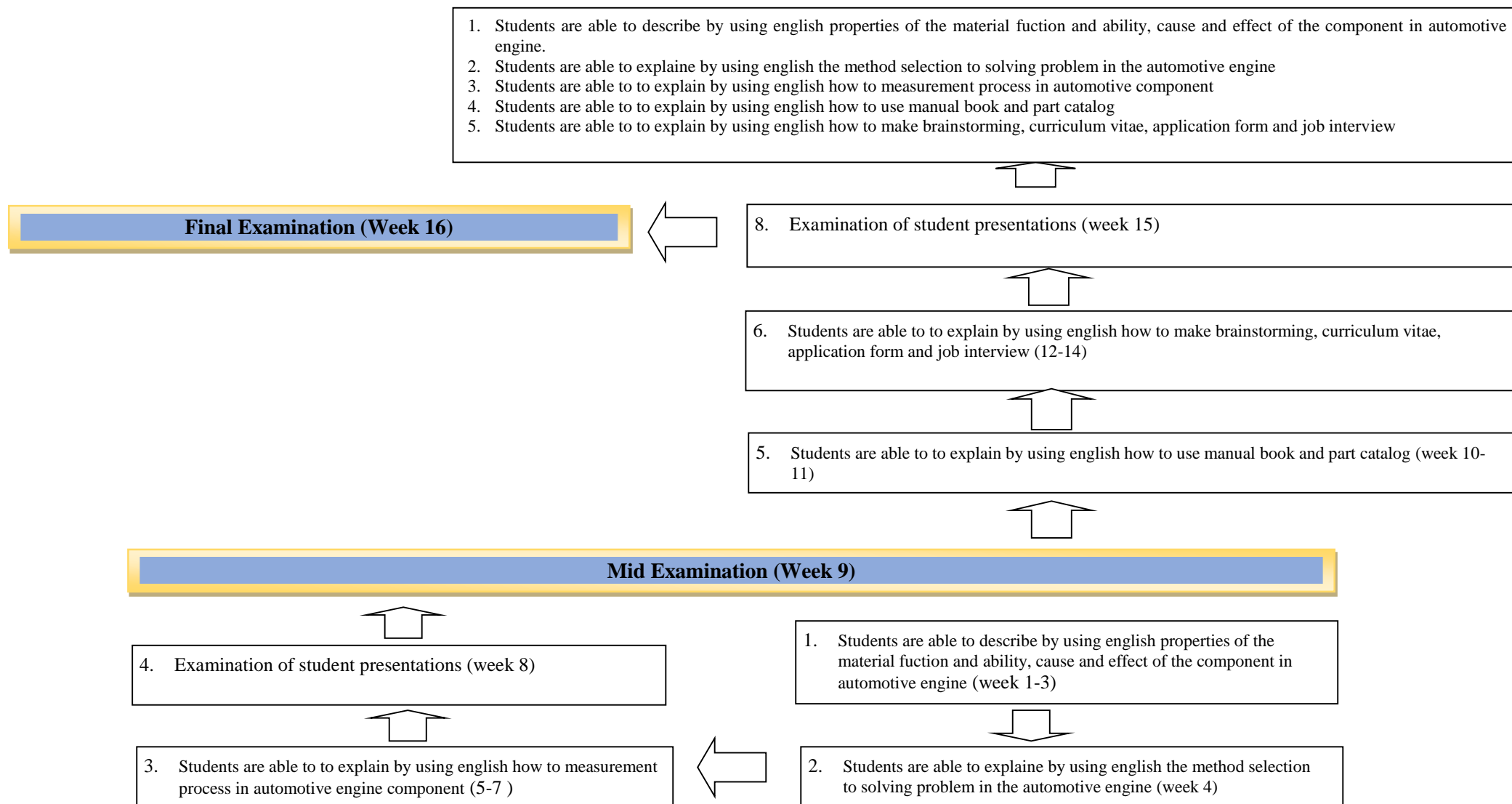
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**RENCANA PEMBELAJARAN SEMESTER**

MATA KULIAH (MK)		KODE	BOBOT (sks)	SEMESTER	Tgl. Penyusunan
English for Technical		OTO1.61.2204	2 SKS	3	09-09-2020
Pengembang RPS		Koordinator RMK		Ketua PRODI	
Program Studi Pendidikan Teknik Otomotif		Drs. Bahrul Amin, ST., M.Pd		Prof. Dr. Wakhinuddin S, M. Pd	
Capaian Pembelajaran (CP)	CPL-PRODI				
		1. Menghasilkan tenaga praktisi industri yang dapat mengaplikasikan pengetahuan dan keterampilan di bidang keahlian teknik otomotif berdasarkan standar prosedur, kaidah ilmu, dan sistem nilai yang berkembang dilingkungan kerja (PEO2). 2. Mampu menjadi interpreneur dengan menerapkan ide dan konsep dalam upaya mengembangkan jiwa kewirausahaan dengan meningkatkan keilmuan teknologi informasi dan komunikasi, kewirausahaan (technopreneur), dan bahasa inggris atau bahasa asing lainnya (PLO9).			
	CPMK				
		1. Students are able to describe by using english properties of the material fuction and ability, cause and effect of the component in automotive engine. 2. Students are able to explaine by using english the method selection to solving problem in the automotive engine 3. Students are able to to explain by using english how to measurement process in automotive component 4. Students are able to to explain by using english how to use manual book and part catalog 5. Students are able to to explain by using english how to make brainstorming, curriculum vitae, application form and job interview			
Diskripsi Singkat LED	This course are elaborate teacher and student presentations. In the begining of the class, teacher will explain the course topic, then student make project for presentation in fornt of the class				
Dosen pengampu	Drs. Bahrul Amin, ST., M.Pd; Wawan Purwanto, MT., PhD, Dr. Randi Purnama Putra, MT				
Mata kuliah syarat	English course from university compulsory class				



**Flow chart of the intrcutinal analysis of the english for technical course**

Mg Ke-	Kemampuan Akhir yang diharapkan (Sub-CPMK)	Materi/ Bahan Kajian	Metode Pembelajaran	Waktu	Pengalaman Belajar Mahasiswa	Kriteria dan Indikator Penilaian	Bobot Nilai (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1 – 3	Students are able to describe by using english properties of the material fuction and ability, cause and effect of the component in automotive engine.	1. Properties of the material 2. Fuction and ablity 3. Cause and effect	<i>Project Based Learning</i>	2 x (3x50) minute	Student project 1: create independent student presentations  Student project 2 : student presentations in front of the class  Student project 3 : student upload final project in learning management system	<b>Indicator:</b> accuracy in explaining  <b>Scoring criteria:</b> Power poin presentation, quetion and aswer  <b>Non-test scoring criteria:</b> Creativity in project	10%
4	Students are able to explaine by using english the method selection to solving problem in the automotive engine.	1. Problem identifications. 2. Problem formulations. 3. Method selections. 4. Solve problem applications. 5. Evaluations of the problem solving applications.	<i>Project Based Learning</i>	(2 x50) minute	Student project 1: create independent student presentations  Student project 2 : student presentations in front of the class  Student project 3 : student upload final project in learning management system	<b>Indicator:</b> accuracy in explaining  <b>Scoring criteria:</b> Power poin presentation, quetion and aswer  <b>Non-test scoring criteria:</b> Creativity in project	10%
5-7	Students are able to to explain by using english how to measurement process in automotive engine component.	1. Measuring 1 (dimension) 2. Measuring 2 (Quantity) 3. Measuring 3 (Ratio and proportion)	<i>Project Based Learning</i>	2 x (3 x 50) minute	Student project 1: create independent student presentations  Student project 2 : student presentations in front of the class	<b>Indicator:</b> accuracy in explaining  <b>Scoring criteria:</b> Power poin presentation, quetion and aswer  <b>Non-test scoring criteria:</b>	10%

					Student project 3 : student upload final project in learning management system	Creativity in project	
8	Able to perform presentations	1. Student presentations	<i>Work Based Learning</i>	2 x 50 minute	<p>Student project 1: create independent student presentations</p> <p>Student project 2 : student presentations in front of the class</p> <p>Student project 3 : student upload final project in learning management system</p>	<p><b>Indicator:</b> accuracy in explaining</p> <p><b>Scoring criteria:</b> Power poin presentation, quetion and aswer</p> <p><b>Non-test scoring criteria:</b> Creativity in project</p>	20%
9	MID test examinations						
10-11	Students are able to to explain by using english how to use manual book and part catalog (10-11)	1. Manual book 2. Part catalog	<i>Project Based Learning</i>	2 x (2 x 50) minute	<p>Student project 1: create independent student presentations</p> <p>Student project 2 : student presentations in front of the class</p> <p>Student project 3 : student upload final project in learning management system</p>	<p><b>Indicator:</b> accuracy in explaining</p> <p><b>Scoring criteria:</b> Power poin presentation, quetion and aswer</p> <p><b>Non-test scoring criteria:</b> Creativity in project</p>	20%
12-14	Students are able to to explain by using english how to make brainstorming, curriculum vitae, application form and job interview.	1. Brainstorming 2. Curriculum vitae 3. Application form 4. Job interview	<i>Project Based Learning</i>	3 x (2 x 50) minute	<p>Student project 1: create independent student presentations</p> <p>Student project 2 : student presentations in front of the class</p>	<p><b>Indicator:</b> accuracy in explaining</p> <p><b>Scoring criteria:</b> Power poin presentation, quetion and aswer</p> <p><b>Non-test scoring criteria:</b></p>	10%

					Student project 3 : student upload final project in learning management system	Creativity in project	
15	Examination of student presentations	1. Student presentations	Work Based Learning	2 x 50) minute	Student project 1: create independent student presentations  Student project 2 : student presentations in front of the class  Student project 3 : student upload final project in learning management system	<b>Indicator:</b> accuracy in explaining  <b>Scoring criteria:</b> Power poin presentation, quetion and aswer  <b>Non-test scoring criteria:</b> Creativity in project	20%
16	Final Test Examination						
Reference: 1. Bates, Martin. e.a. 1978. <i>Nucleus English for Science and Technology: General Science</i> . London. Longman. 2. Bearwood. L.e.a. 1979. <i>A first Course in technical english: Student Book</i> , London. Heinenmenn Educational Books 3. .... 1979. <i>Basic English For Science</i> . Oxford: Oxford University Press 4. Richard Stone and Jeffrey K. Bill, 2004. <i>Automotive Engine Fundamental</i> . SAE 400 Common Wealt Driven Warren Dale, PA 15096-0001 USA							

**Catatan :**

1. Capaian Pembelajaran Lulusan PRODI (CPL-PRODI) adalah kemampuan yang dimiliki oleh setiap lulusan PRODI yang merupakan internalisasi dari sikap (S), penguasaan pengetahuan (PP), ketrampilan umum (KU) dan ketrampilan khusus (KK) sesuai dengan jenjang prodinya yang diperoleh melalui proses pembelajaran.
2. CP Mata kuliah (CPMK) adalah kemampuan yang dijabarkan secara spesifik dari CPL yang dibebankan pada mata kuliah, dan bersifat spesifik terhadap bahan kajian atau materi pembelajaran mata kuliah tersebut.
3. Kemampuan akhir yang diharapkan (Sub-CPMK) adalah kemampuan yang dijabarkan secara spesifik dari CPMK yang dapat diukur atau diamati dan merupakan kemampuan akhir yang direncanakan pada tiap tahap pembelajaran, dan bersifat spesifik terhadap materi pembelajaran mata kuliah tersebut (diambil dari setiap pertemuan pada bagan analisis instruksional).