東京	三工業高	等専門学校	と 開講年	送 半/1	以30年度((2018年度)	}:	受業科目	Scienc	ce Englis	SHI	
科目基礎		- "										
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0061				科目区分		一般/必	 修			
17日田7 授業形態		授業				1	単位の種別と単位数		履修単位: 1			
^{以来ル認} 開設学科			: 6工学科			対象学年			度修单位: 1 2			
開設期 前期			上于行				週時間数		2			
四政知 教科書/教	h++		別期					2				
教科音/系 担当教員	X1/J	向山 大	-	Ce (用芸	圣)							
			. T.C.									
到達目												
Through	out the c	ourse, the s	intense review student reads, m for practical use	nemorize	es, and inte	nar and compor prets about Ei	sition, w nglish for	ith a strong engineers	g empha Vocabu	asis on pro ulary build	oper usage. I-up is essential	
ルーブ	リック											
		Ŧ田	 想的な到達レベル	の日安	煙進的か到	 達レベルの目安	未到達			未到達し	·ベルの目安	
			Able to explain topics		Able to identify topics		Unable to identify topics			1 - 11 - 11 - 11 - 12 - 1		
評価項目1		co	common to science, technology, and engineering		common to science, technology, and engineering		common to science, technology, and engineering		ce,	topics common to science, technology, and engineering		
評価項目	2				3							
評価項目	3											
学科の	到達日樗	項目との	 関係									
	育目標 B3		PIT									
教育方法												
	ム守	TL:- 1	non in doni	for stand	n+ab		n acia:	+00	,, ====1	onaina - :-'	29	
概要			ass is designed in ts are expected of and Japanese.									
受業の進	め方・方法	E English Test.	and Japanese.	Upon c	ompletion o	of this class, st	udents w	ıll be ready	to take	e Official S	science English	
注意点		Studer In-clas term.	nts are expected is assignments a	to have are provi	completed ded. There	Grammar for example are neither ex	Commur ktra assig	ication I. Inments no	r make-	-up tests a	at the end of the	
注意点	画	In-clas	nts are expected is assignments a	to have are provi	completed ded. There	Grammar for are neither ex	Commur ktra assig	ication I. Inments no	r make-	-up tests a	at the end of the	
	<u></u> 画	In-clas	nts are expected is assignments a 授業内容	to have are provi	completed ded. There	Grammar for are neither ex	ktra assig	ication I. gnments no との到達目標		-up tests a	at the end of the	
	画	In-clas term. 週	s assignments a	are provi	ded. There	Grammar for a are neither ex	ktra assig 週ご	inments no	<u> </u>	•		
	画	In-clas term. 週 1週	s assignments a 授業内容 Introduction/I	are provi	ded. There	Grammar for a are neither ex	xtra assig 週ご。 To b	gnments no との到達目標 e able to id	€ entify d	imensions	3	
	画	In-clas term. 週 1週 2週	授業内容 Introduction/I Angles and Li	Dimensiones	ded. There	Grammar for a are neither ex	xtra assig 週ご。 To b	jnments no との到達目標 e able to id e able to id	entify dientify a	imensions ngles and	s lines	
	画	週 1週 2週 3週	授業内容 Introduction/I Angles and Lii Basic Formula	Dimensiones	ded. There	Grammar for a are neither ex	週ご。 To b To b	との到達目標 e able to id e able to ex	entify dientify a	imensions ngles and asic formu	s lines ılae	
	画 1stQ	In-clasterm. 週 1週 2週 3週 4週	授業内容 Introduction/I Angles and Lii Basic Formula More Complex	Dimensiones	ded. There	Grammar for a are neither ex	週ご。 To b To b To b	との到達目標 e able to id e able to ex e able to ex e able to ex	entify di entify a eplain ba	imensions ngles and asic formu omplex for	s lines ılae	
		In-clasterm. 週 1週 2週 3週 4週 5週	授業内容 Introduction/I Angles and Lii Basic Formula More Complex Position	Dimensiones Res Res Res Res Res Res Res	ons ae	Grammar for a are neither ex	週ご。 To b To b To b	との到達目標 e able to id e able to id e able to ex e able to ex e able to id	entify di entify a cplain ba cplain co entify p	imensions ngles and asic formu omplex for osition	s lines ulae rmulae	
		In-clasterm. 週 1週 2週 3週 4週 5週 6週	授業内容 Introduction/I Angles and Lii Basic Formula More Complex Position Movements a	Dimensiones Res Res Res Res Res Res Res	ons ae	Grammar for a are neither ex	週ご。 To b To b To b	との到達目標 e able to id e able to id e able to ex e able to ex e able to id e able to de	entify di entify a cplain ba cplain co entify p	imensions ngles and asic formu omplex for osition	s lines ılae	
		In-clasterm. 週 1週 2週 3週 4週 5週 6週 7週	授業内容 Introduction/I Angles and Lin Basic Formula More Complex Position Movements an Mid-term	Dimensiones Res Res Res Res Res Res Res	ons ae	Grammar for a are neither ex	週ご。 To b To b To b To b To b	との到達目標 e able to id e able to id e able to ex e able to ex e able to id e able to id	entify di entify an entify an explain ba explain co entify prescribe r	imensions ngles and asic formu omplex for osition movemen	lines ulae rmulae ts and actions	
		In-clasterm. 週 1週 2週 3週 4週 5週 6週 7週 8週	授業内容 Introduction/I Angles and Lii Basic Formula More Comples Position Movements ai Mid-term Qualities of Ma	Dimensiones nes ne x Formul nd Action aterials	ons ae	are neither ex	週ごの To b To b To b To b To b To b	との到達目標e able to ide able to eable to ide able to eable to ide able to de	entify di entify and entify and explain con entify prescribe rescribe re	imensions ngles and asic formu omplex for osition movemen qualities o	lines ulae rmulae ts and actions of materials	
授業計		In-clasterm. 週 1週 2週 3週 4週 5週 6週 7週	授業内容 Introduction/I Angles and Lin Basic Formula More Complex Position Movements an Mid-term	Dimensiones nes ne x Formul nd Action aterials	ons ae	are neither ex	週ご。 To b To b To b To b To b To b ****	との到達目標e able to ide able to eable to ide able to ide	entify di entify and entify and explain con entify prescribe rescribe re	imensions ngles and asic formu omplex for osition movemen qualities o	lines ulae rmulae ts and actions	
授業計		In-clasterm. 週 1週 2週 3週 4週 5週 6週 7週 8週 9週	授業内容 Introduction/I Angles and Li Basic Formula More Complex Position Movements at Mid-term Qualities of M Classification,	Dimensiones The Formulation of Action of Acti	ons ae	are neither ex	週ご。 To b To b To b To b To b **** To b	との到達目標e able to ide able able to ide able able to ide able able able able able able able abl	entify di entify and entify and explain co entify prescribe re escribe co entify cl	imensions ngles and asic formu omplex for osition movemen qualities o	lines ulae rmulae ts and actions of materials on, definitions,	
		In-clasterm. 週 1週 2週 3週 4週 5週 6週 7週 8週	授業内容 Introduction/I Angles and Lii Basic Formula More Comples Position Movements ai Mid-term Qualities of Ma	Dimensiones nes ne x Formul nd Action aterials Definition	ons ae ons, and De	are neither ex	週で To b To b To b To b To b **** To b To b desc To b	との到達目標e able to ide able to eable to ide able to une	entify di entify and entify and explain concentify pro- escribe of entify cl	imensions ngles and asic formu omplex for osition movemen qualities or lassification	lines ulae rmulae ts and actions of materials on, definitions,	
授業計		週 1週 2週 3週 4週 5週 6週 7週 8週 9週	授業内容 Introduction/I Angles and Lii Basic Formula More Comples Position Movements ai Mid-term Qualities of M Classification, More Descript	Dimensiones nes ne x Formul aterials Definition nd Expla	ons ae ons, and De	scription	週で To b To b To b To b To b To b To b Cesc To b	との到達目標e able to ide able to unantions	entify di entify and entify and explain concentify pro- escribe of entify claim concentify claim entify di entify di entify di	imensions ngles and asic formu omplex for osition movemen qualities or lassification escription and instruct	lines ulae rmulae ts and actions of materials on, definitions,	
授業計	1stQ	In-clasterm. 週 1週 2週 3週 4週 5週 6週 7週 8週 9週 10週 11週 12週	授業内容 Introduction/I Angles and Lii Basic Formula More Complex Position Movements an Mid-term Qualities of M. Classification, More Descript Instructions a Cause and Re	Dimensiones The Formulaterials Definition The Explanation of Explanation, and Explanatio	ons ae ons, and De anations ad Similarity	scription	では、このでは、このでは、このでは、このでは、このでは、このでは、このでは、この	との到達目標e able to ide able to eable to ide able to unantions	entify di entify and entify and entify prescribe rescribe of entify cle entify denderstand	imensions ngles and asic formu omplex for osition movemen qualities or lassification escription and instruct	Ilines Il	
授業計	1stQ	In-clasterm. 週 1週 2週 3週 4週 5週 6週 7週 8週 9週 10週 11週 12週 13週	授業内容 Introduction/I Angles and Lii Basic Formula More Complex Position Movements an Mid-term Qualities of Maccomplex Classification, More Descript Instructions a Cause and Re Comparison a	Dimensiones The Formulaterials Definition The Explanation of Ex	ons ae ons, and De anations ad Similarity	scription	では、 のでは、 のでは、 のでは、 のでは、 のでは、 のでは、 のでは、 の	との到達目標e able to ide able to exe able to ide able to unanations	entify dientify and plain control personal perso	imensions ngles and asic formu omplex for osition movemen qualities o lassification escription nd instruct and cause a omparison	lines ulae rmulae ts and actions on, definitions, tions and and reason, a and contrast	
授業計	1stQ	In-clasterm. 週 1週 2週 3週 4週 5週 6週 7週 8週 9週 10週 11週 12週 13週 13週 14週	授業内容 Introduction/I Angles and Lin Basic Formula More Comples Position Movements an Mid-term Qualities of Mac Classification, More Descript Instructions a Cause and Re Comparison a Probable Cause	Dimensiones Dimen	ons ae ons, and De anations ad Similarity	scription	週で。 To b	上の到達目標e able to ide able to exe able to ide able to unanations ide able to unanations ide able to unanations ide able to unanations ide able to ide	entify dientify and plain control personal perso	imensions ngles and asic formu omplex for osition movemen qualities o lassification escription nd instruct and cause a omparison robable ca	Ilines Il	
授業計	1stQ	In-clasterm. 週 1週 2週 3週 4週 5週 6週 7週 8週 9週 10週 11週 12週 13週 14週 15週	授業内容 Introduction/I Angles and Lin Basic Formula More Comples Position Movements an Mid-term Qualities of Maccomparison a Cause and Re Comparison a Probable Cause Reporting Act	Dimensiones Dimen	ons ae ons, and De anations ad Similarity	scription	週で。 To b	上の到達目標e able to ide able to exe able to ide able to unanations eable to unanations eable to ide able to re	entify dientify and plain control personal perso	imensions ngles and asic formu omplex for osition movemen qualities o lassification escription nd instruct and cause a omparison robable ca	lines ulae rmulae ts and actions on, definitions, tions and and reason, a and contrast	
授業計	1stQ 2ndQ	周 1 加 2 週 3 週 4 週 5 週 6 週 7 週 8 週 9 週 1 1 週 1 1 週 1 1 3 週 1 4 週 1 1 5 週 1 1 6 週	授業内容 Introduction/I Angles and Lin Basic Formula More Comples Position Movements an Mid-term Qualities of M Classification, More Descript Instructions a Cause and Re Comparison a Probable Cause Reporting Act Final	Dimensiones nes ne k Formul aterials Definition nd Expla ason, an nd Contr se and Reions	ons ons, and De anations ad Similarity rast esult	scription	週で。 To b	上の到達目標e able to ide able to exe able to ide able to unanations eable to unanations eable to ide able to re	entify dientify and plain control personal perso	imensions ngles and asic formu omplex for osition movemen qualities o lassification escription nd instruct and cause a omparison robable ca	lines ulae rmulae ts and actions on, definitions, tions and and reason, a and contrast	
授業計	1stQ 2ndQ	周 1 加 2 週 3 週 4 週 5 週 6 週 7 週 8 週 9 週 1 1 週 1 1 週 1 1 3 週 1 4 週 1 1 5 週 1 1 6 週	授業内容 Introduction/I Angles and Lin Basic Formula More Comples Position Movements an Mid-term Qualities of Maccomparison a Cause and Re Comparison a Probable Cause Reporting Act	Dimensiones The provious of t	ons ons, and De anations ad Similarity rast esult	scription	週で。 To b	上の到達目標e able to ide able to exe able to ide able to unanations eable to unanations eable to ide able to re	entify dientify and plain control personal perso	imensions ngles and asic formu omplex for osition movemen qualities o lassificatio escription nd instruct and cause a omparison robable ca	lines ulae rmulae ts and actions on, definitions, tions and and reason, a and contrast	
授業計	1stQ 2ndQ	In-clasterm. 週	接業内容 Introduction/I Angles and Lii Basic Formula More Complex Position Movements an Mid-term Qualities of M. Classification, More Descript Instructions a Cause and Re Comparison a Probable Caus Reporting Act Final	Dimensiones The provious of t	ae ons, and De anations od Similarity rast esult	scription	週で。 To b	上の到達目標e able to ide able to exe able to ide able to unanations eable to unanations eable to ide able to re	entify dientify and plain control personal perso	imensions ngles and asic formu omplex for osition movemen qualities o lassificatio escription nd instruct and cause a omparison robable ca	Ines Ilae Ines Ilae Its and actions If materials In, definitions, Itions and Indianal reason, In and contrast Indianal result Indianal result	
授業計	1stQ 2ndQ	In-clasterm.	授業内容 Introduction/f Angles and Lin Basic Formula More Complex Position Movements an Mid-term Qualities of Maccomparison a Cause and Re Comparison a Probable Caus Reporting Act Final D学習内容と到	Dimensiones nes ne x Formul aterials Definition nd Expla ason, an nd Contr ions 到達目標	ded. There ons ons ons ae ons, and De anations ad Similarity rast esult	scription	週で。 To b	との到達目標 e able to id e able to e able to id e able to unanations e able to unarity e able to exe able to exe able to id e able to reasing e able to exe able to id e able to reasing e able to exe able to reasing e able e able to reasing e able e able to reasing e able e able e able to reasing e able	entify dientify and splain control entify dientify dienti	imensions ngles and asic formu omplex for osition movemen qualities o lassification escription nd instruct and cause a comparison robable cations	s lines ulae rmulae ts and actions f materials on, definitions, tions and and reason, and contrast ause and result	
授業計	1stQ 2ndQ	In-clasterm. 週	授業内容 Introduction/f Angles and Lin Basic Formula More Comples Position Movements an Mid-term Qualities of M Classification, More Descript Instructions a Cause and Re Comparison a Probable Cause Reporting Act Final D学習内容と登	Dimensiones nee k Formul aterials Definition nd Expla ason, and control ions	ae ons, and De anations od Similarity rast esult	scription seription	の	上の到達目標e able to ide able to exe able to ide able to unanations eable to unanations eable to ide able to re	entify dientify and entify prescribe rescribe contify denderstare entify properties and entify denderstare entify properties entify properties and entify	imensions ngles and asic formu omplex for osition movemen qualities o lassification escription nd instruct and cause a comparison robable cations	lines ulae rmulae ts and actions of materials on, definitions, tions and and reason, on and contrast ause and result	
授業計 前期 モデル 分評価割	1stQ 2ndQ コアカリ 合	In-clasterm. 週	授業内容 Introduction/f Angles and Lin Basic Formula More Comples Position Movements an Mid-term Qualities of M Classification, More Descript Instructions a Cause and Re Comparison a Probable Cause Reporting Act Final フ学習内容と至 学習内容 発表 0	Dimensiones nes nee of Formul aterials Definition nd Expla ason, and nd Contr ions	ded. There ons ons ons ae ons, and De anations ad Similarity rast esult	scription al標 態度 0	の	との到達目標 e able to id e able to e able to id e able to unanations e able to unarity e able to exe able to exe able to id e able to reasing e able to exe able to id e able to reasing e able to exe able to reasing e able e able to reasing e able e able to reasing e able e able e able to reasing e able	entify dientify and entify prescribe rescribe centify denderstare replain communication and entify denderstare replain communication and entify preport active proport active proport active 20	imensions ngles and asic formu omplex for osition movemen qualities o lassification escription nd instruct and cause a comparison robable cations	silines ulae rmulae ts and actions of materials on, definitions, tions and and reason, on and contrast ause and result アベル 授業週	
授業計画が対象を表現しています。	1stQ 2ndQ コアカリ 合	In-clasterm. 週	接業内容 Introduction/I Angles and Lii Basic Formula More Complex Position Movements at Mid-term Qualities of M. Classification, More Descript Instructions a Cause and Re Comparison a Probable Caus Reporting Act Final フ学習内容と到 学習内容 発表 0 0	Dimensiones nes ne	ded. There ons ons ons ae ons, and De anations ad Similarity rast esult	scription scription ile	では、 のでは、 のでは、 のでは、 のでは、 のでは、 のでは、 のでは、 の	との到達目標 e able to id e able to e able to id e able to unanations e able to unarity e able to exe able to exe able to id e able to reasing e able to exe able to id e able to reasing e able to exe able to reasing e able e able to reasing e able e able to reasing e able e able e able to reasing e able	entify dientify and entify prescribe rescribe dentify clean derstare and entify properties and entify properti	imensions ngles and asic formu omplex for osition movemen qualities o lassification escription nd instruct and cause a comparison robable cations	lines ulae rmulae ts and actions of materials on, definitions, tions and and reason, and contrast ause and result ベル 授業週 合計	
授業計 前期 モデル 分評価割	1stQ 2ndQ コアカリ 合 ま カ 6	In-clasterm.	授業内容 Introduction/f Angles and Lin Basic Formula More Comples Position Movements an Mid-term Qualities of M Classification, More Descript Instructions a Cause and Re Comparison a Probable Cause Reporting Act Final フ学習内容と至 学習内容 発表 0	Dimensiones nes nee of Formul aterials Definition nd Expla ason, and nd Contr ions	ded. There ons ons ons ae ons, and De anations ad Similarity rast esult	scription al標 態度 0	の	との到達目標 e able to id e able to e able to id e able to unanations e able to unarity e able to exe able to exe able to id e able to reasing e able to exe able to id e able to reasing e able to exe able to reasing e able e able to reasing e able e able to reasing e able e able e able to reasing e able	entify dientify and entify prescribe rescribe centify denderstare replain communication and entify denderstare replain communication and entify preport active proport active proport active 20	imensions ngles and asic formu omplex for osition movemen qualities o lassification escription nd instruct and cause a comparison robable cations	silines ulae rmulae ts and actions of materials on, definitions, tions and and reason, on and contrast ause and result アベル 授業週	