東京	工業高	等専門学	校	開講年度	平成	30年度 (2	2018年度)		授業科目	Science	e Englis	shI	
科目基礎											<u> </u>	-	
科目番号	- II J T IA	007	 5				科目区分		一般 / 必	 修			
		授業					村日区分 単位の種別と単位数			履修単位: 1			
							対象学年			2			
		前期					週時間数	2					
			则期										
教科音/教 担当教員	ניו		比路史,村		(H) 조 크	- /							
	5	旧四间		英件 二									
到達目標													
Througho	out the c	ourse, th	e studen	se review and nt reads, mem ractical use as	orizes	s, and interp	rets about En	glish fo	vith a stron or engineers	g empha: . Vocabu	sis on pro lary build	per usage. -up is essential	
ルーブリ	リック												
			押相的か		9安 #	煙進的お到達	レベルの目安	最低階	の到達度レ/ う)	ジルの目	中刊诗」	ベルの目安	
									-		-		
評価項目1			Able to explain topics common to science, technology, and engineering.			Able to identify topics common to science, technology, and engineering.		Able to understand to common to science, technology, and engineering.			ics Unable to understand topics common to science, technology, and engineering.		
 評価項目2			<u> </u>	<u>_</u>		J :==:gi		1			3		
評価項目3								†					
学科の到		酒日レ/	か関係		ļ.						l		
学習・教			ノスボ										
		,											
教育方法 ******	詩	1											
概要				designed for s									
授業の進め	か方・方法	E Eng	ients are lish and . 	Japanese. Up	on co	and develop impletion of	this class, stu	or Scier idents v	will be read	to take	official S	ht both in cience English	
注意点		Stud	lents are	e expected to	have (completed C		_					
		tern		gnments are p	provid	led. There a	Grammar for Care neither ex	tra ass	nication I. gnments no	or make-	up tests a	at the end of the	
授業計画	<u> </u>			gnments are p	provid	led. There a	Grammar for Care neither ex	tra ass	nication I. gnments no	or make-	up tests a	at the end of the	
授業計画	1		ı	gnments are p	provid	led. There a	Grammar for Care neither ex	tra ass	nication I. gnments no · との到達目		up tests a	at the end of the	
授業計画	<u> </u>	tern	1. 授業		provid	led. There a	Grammar for Care neither ex	tra ass 週ご	gnments no との到達目	五	<u>'</u>		
授業計画	1	tern 週	n. 授業 Intro	· (内容	provid	led. There a	Grammar for Care neither ex	tra ass 週ご To l	gnments no との到達目 pe able to ic	票 lentify di	mensions		
授業計画	1	週 1週 2週	授業 Intro	的容 enduction/Dime	provid	led. There a	irammar for C are neither ex	tra ass 週ご To I	gnments no との到達目 pe able to ic pe able to ic	票 lentify di lentify ar	mensions	lines	
授業計画	11	週 1週 2週 3週	授業 Intro Ang Basi	的容 roduction/Dimo ples and Lines ic Formula	provid ensior	ns	Grammar for C are neither ex	出る ass 週ご To I To I	gnments no との到達目材 pe able to ic pe able to ic pe able to e	lentify di lentify ar xplain ba	mensions ngles and sic formu	lines la	
授業計画	1stQ	週 1週 2週 3週 4週	授業 Intro Ang Basi Mor	的容 roduction/Dimo ples and Lines ic Formula re Complex Fo	provid ensior	ns	Grammar for C are neither ex	数 週ご To I To I	gnments no との到達目様 pe able to ic pe able to e pe able to e pe able to e	票 lentify dii lentify ar xplain ba xplain co	mensions ngles and sic formu mplex for	lines la	
授業計画		超 1週 2週 3週 4週 5週	授業 Intra Ang Basi Mor	的容 roduction/Dimo ples and Lines ic Formula re Complex Fo ition	ensior	ns	irammar for C are neither ex	では、 では、 では、 では、 では、 では、 では、 では、	での到達目標 be able to ic be able to e be able to e be able to e be able to ic	票 lentify dii lentify ar xplain ba xplain co lentify pc	mensions ngles and sic formu mplex for nsition	lines la rmula	
授業計画		週 1週 2週 3週 4週 5週 6週	授業 Intro Ang Basi Moro Posi Mov	的容 roduction/Dimo ples and Lines ic Formula re Complex Fo ition rements and A	ensior	ns	irammar for C are neither ex	では、 では、 では、 では、 では、 では、 では、 では、	での到達目標の での到達目標の pe able to ic pe able to e pe able to e pe able to ic pe able to ic pe able to do	票 lentify dii lentify ar xplain ba xplain co lentify pc	mensions ngles and sic formu mplex for nsition	lines la	
授業計画		週 1週 2週 3週 4週 5週 6週 7週	授業 Intr Ang Basi Mor Posi Mov Mid-	的容 roduction/Dime ples and Lines ic Formula re Complex Fo ition rements and A	ensior rmula	ns	irammar for C are neither ex	週ご To I To I To I To I To I	どの到達目標 be able to ico be able to ico be able to e be able to e be able to ico be able to ico be able to ico be able to ico	票 lentify di lentify ar xplain ba xplain co lentify po escribe n	mensions ngles and sic formu mplex for osition novement	lines la mula ts and actions	
		超 1週 2週 3週 4週 5週 6週 7週 8週	照 担 用 Ang Basi Mor Posi Mov Mid- Qua	的容 roduction/Dimo ples and Lines ic Formula re Complex Fo ition vements and A -term	ensior ensior rmula Actions	ns	are neither ex	週2 To I To I To I To I To I ***	でとの到達目標 be able to ic be able to ic be able to e be able to e be able to ic be able to d * be able to d	票 lentify di lentify ar xplain ba xplain co lentify po escribe n	mensions ngles and sic formu mplex for osition novement	lines la mula ts and actions f materials	
		超 1週 2週 3週 4週 5週 6週 7週 8週 9週	照 担 用 Ang Basi Mor Posi Mov Mid- Qua	的容 roduction/Dime ples and Lines ic Formula re Complex Fo ition rements and A	ensior ensior rmula Actions	ns	are neither ex	週で Tol Tol Tol Tol Tol ***	での到達目標 pe able to ico pe able to ico pe able to e pe able to ico pe able to ico pe able to ico pe able to d * pe able to d pe able to d pe able to d pe able to ico pe able to d pe able to ico pe able to d pe able to ico	escribe questions of the second secon	mensions ngles and sic formu mplex for osition novement ualities o	lines la mula ts and actions	
		超 1週 2週 3週 4週 5週 6週 7週 8週	照 接業 Intri Ang Basi Mori Posi Mov Mid- Qua Clas	的容 roduction/Dimo ples and Lines ic Formula re Complex Fo ition vements and A -term	ensior ensior rmula Actions	ns	are neither ex	週2 To I To I To I To I To I *** To I des	でとの到達目標 be able to icope able to epe able to icope able to icorription icope able to icope able able able able able able able abl	entify direction	mensions ngles and sic formu mplex for osition novement ualities o assificatio	lines la mula ts and actions f materials n, definitions,	
		超 1週 2週 3週 4週 5週 6週 7週 8週 9週	照 授業 Intra Ang Basi Mora Posi Mov Mid- Qua Clas	的容 roduction/Dime ples and Lines ic Formula re Complex Fo ition rements and A -term alities of Mater ssification, Def	ension ermula Actions rials	ns s ns, and Desc	are neither ex	週2 To I	での到達目標の able to ico pe able to ulanations	entify dince the control of the cont	mensions ngles and sic formu mplex for osition novement ualities o assificatio escription d instruct	lines la mula ts and actions f materials n, definitions,	
		超 1週 2週 3週 4週 5週 6週 7週 8週 9週 10週 11週	Morn Class Morn Inst	的名字 oduction/Dimersules and Lines ic Formula re Complex Formula rements and A rements and A rements of Mater selfication, Deform tructions and E rements an	ensior rmula Actions rials finitior Explar	ns ns, and Desc	are neither ex	週2 To I	での到達目標の able to ico e able e able to ico e able to ico e able to ico e able abl	entify didentify are splain be splain co lentify poescribe nescribe quantify classification dentify denderstanes anderstanes lentify denderstanes lentify denders lentify dend	mensions ngles and sic formu mplex for osition novement ualities o assificatio escription d instruct d cause a	lines la rmula ts and actions f materials n, definitions, tions and	
	1stQ	超 1週 2週 3週 4週 5週 6週 7週 8週 9週 10週 11週 12週	More Class Court	的名字 oduction/Dimersion Jules and Lines ic Formula re Complex Foundary ements and Alternation Jules of Mater assification, Define Description tructions and Electrons and	ension rmula Actions rials finition Explar n, and Contra	ns ns, and Desc	are neither ex	週2 To I To I To I To I To I *** To I des To I To I sim To I	での到達目標の able to ic pe able to unanations pe able to unanations pe able to unanations pe able to unanations pe able to e able to e able to e able to unanations pe able to e	lentify dinentify dinentify polescribe nescribe quantify classification dentify dentif	mensions ngles and sic formu mplex for osition novement ualities o assificatio escription d instruct d cause a mparison	lines la rmula ts and actions f materials n, definitions, tions and and reason, and contrast	
	1stQ	超 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	More Class More Com Prote	的 Production/Dimersion And Lines ic Formula re Complex Foition rements and Antermalities of Mater resistication, Defore Description tructions and Buse and Reason reparison and Chable Cause a	ension rmula Actions rials finition Explar n, and Contra nd Re	ns ns, and Desc	are neither ex	週2 To I	See able to ico e able to ulanations be able to ulanations be able to ulanations be able to ulanations be able to e able to ico e able to e	lentify direction directio	mensions ngles and sic formu mplex for osition novement ualities o assificatio d instruct d cause a mparison obable ca	lines la rmula ts and actions f materials n, definitions, tions and	
	1stQ	tern 週 1週 2週 3週 6週 7週 8週 10週 11週 13週 14週 15週 15月 15月	More Class More Com Prote	的名字 oduction/Dimersion Jules and Lines ic Formula re Complex Foundary ements and Alternation Jules of Mater assification, Define Description tructions and Electrons and	ension rmula Actions rials finition Explar n, and Contra nd Re	ns ns, and Desc	are neither ex	週で To I To I To I To I *** To I To I des To I To I	gnments no eable to ico eable to ulanations be able to ulanations be able to ulanations be able to ulanations be able to ico eable to	lentify direction directio	mensions ngles and sic formu mplex for osition novement ualities o assificatio d instruct d cause a mparison obable ca	lines la mula ts and actions f materials n, definitions, tions and and reason, and contrast	
	1stQ	超 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	More Class More Com Prote	e内容 roduction/Dimiples and Lines ic Formula re Complex Fo ition vements and A -term alities of Mater esification, Def re Description tructions and B use and Reason uparison and G bable Cause a porting Actions	ension rmula Actions rials finition Explar n, and Contra nd Re	ns ns, and Desc	are neither ex	週2 To I	gnments no eable to ico eable to ulanations be able to ulanations be able to ulanations be able to ulanations be able to ico eable to	lentify direction directio	mensions ngles and sic formu mplex for osition novement ualities o assificatio d instruct d cause a mparison obable ca	lines la rmula ts and actions f materials n, definitions, tions and and reason, and contrast	
前期	1stQ	世中的 週 1週 2週 3週 4週 5週 6週 7週 8週 10週 11週 12週 13週 14週 15週 16週	Morner State Cau Com Prote Rep Fina	e内容 roduction/Dimiples and Lines ic Formula re Complex Fo ition vements and A -term alities of Mater esification, Def re Description tructions and B use and Reason uparison and G bable Cause a porting Actions	ension ension ermula Actions fials finition Explar n, and Contra	ns ns, and Descriptions d Similarity ast	are neither ex	週で To I To I To I To I *** To I To I des To I To I	gnments no eable to ico eable to ulanations be able to ulanations be able to ulanations be able to ulanations be able to ico eable to	lentify direction directio	mensions ngles and sic formu mplex for osition novement ualities o assificatio d instruct d cause a mparison obable ca	lines la rmula ts and actions f materials n, definitions, tions and and reason, and contrast	
前期	1stQ	世中的 週 1週 2週 3週 4週 5週 6週 7週 8週 10週 11週 12週 13週 14週 15週 16週	照 接業 Intro Ang Basi Moro Posi Mov Mid- Qua Class Moro Inst Cau Com Prot Rep Fina	的名字 oduction/Dimiples and Lines ic Formula re Complex Foition vements and A-term alities of Mater essification, Deformed and Reason reparison and Gabable Cause a porting Actions and Reason reparison and Gabable Cause a porting Actions and Reason reparison and Gabable Cause a porting Actions and Reason reparison and Gabable Cause a porting Actions and Reason reparison and Gabable Cause a porting Actions and Reason reparison and Gabable Cause a porting Actions and Reason reparison and Gabable Cause a porting Actions and Reason reparison and Gabable Cause a porting Actions and Reason reparison and Gabable Cause a porting Actions and Reason reparison and Gabable Cause a porting Actions and Reason reparison and Gabable Cause a porting Actions and Reason repares and Reason reparison reparison and Reason reparison and Reason reparison reparis	ensior ensior rmula Actions rials finitior Explar n, and Contra nd Re	ns ns, and Descriptions d Similarity ast	cription	週で To I To I To I To I *** To I To I des To I To I	gnments no eable to ico eable to ulanations be able to ulanations be able to ulanations be able to ulanations be able to ico eable to	lentify direction directio	mensions ngles and sic formu mplex for osition novement ualities o assificatio d instruct d cause a mparison obable ca	lines la mula ts and actions f materials n, definitions, tions and and reason, and contrast	
前期 モデルニ 分類	1stQ 2ndQ	世末 週 1週 2週 3週 4週 5週 6週 7週 8週 9週 10週 11週 13週 14週 15週 16週 15週 15週 16週 170 170 170 170 170 170 170 170	照 接業 Intro Ang Basi Moro Posi Mov Mid- Qua Class Moro Inst Cau Com Prot Rep Fina	対容 roduction/Diminiples and Lines ic Formula re Complex Foition rements and A -term alities of Mater esification, Deformer Description tructions and E use and Reason uparison and (bable Cause a porting Actions al	ensior ensior rmula Actions rials finitior Explar n, and Contra nd Re	ns and Descriptions d Similarity estimates	cription	週で To I To I To I To I *** To I To I des To I To I	gnments no eable to ico eable to ulanations be able to ulanations be able to ulanations be able to ulanations be able to ico eable to	lentify direction directio	mensions ngles and sic formu mplex for osition novement ualities o assificatio d instruct d cause a mparison obable ca	lines la rmula ts and actions f materials n, definitions, tions and and reason, and contrast suse and result	
前期 モデルニ 分類	1stQ 2ndQ	世末の 週 1週 2週 3週 4週 5週 6週 7週 8週 10週 11週 12週 13週 14週 15週 16週 16週 キュー分	n. 授業 Intra Ang Basi Mor. Posi Mov Mid- Qua Clas Mor. Inst Cau Com Prod Rep Fina	対容 roduction/Dimiples and Lines ic Formula re Complex Fo ition vements and A -term alities of Mater ssification, Def re Description tructions and B use and Reason uparison and (u) bable Cause a porting Actions al 図内容と到達 学習内容	ensior ensior rials finitior Explar n, anc Contra nd Re G	ns ns, and Desconations d Similarity ast esult	eription	週で To I To I To I To I *** To I To I exp To I To I ***	gnments no be able to ico e able to ulanations be able to ulanations be able to ico e able e	lentify direction dentify describe of the secribe o	mensions ngles and sic formu mplex for osition novement ualities o assificatio escription d cause a mparison obable ca ions	lines la mula ts and actions f materials n, definitions, cions and and reason, and contrast ause and result	
前期 デルニ 分類 評価割合	1stQ 2ndQ	tern 週 1 1 1 1 1 1 1 1 1	n. 授業 Intra Ang Basi Morr Posi Mov Mid- Qua Clas Morr Inst Cau Com Prot Rep Fina	対容 roduction/Dimiples and Lines ic Formula re Complex Fo ition rements and A -term alities of Mater essification, Defere Description tructions and E use and Reason nparison and (bable Cause a porting Actions al 図内容と到達 学習内容	ension ension fials finition Explar n, and Contra nd Re G 目標 学習内	ns and Descriptions d Similarity estimates	eription iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	調ご To I	gnments no eable to ico eable to ulanations be able to ulanations be able to ulanations be able to ulanations be able to ico eable to	標 lentify din lentify ar xplain ba xplain co lentify po escribe q lentify cla lentify de inderstan moderstan xplain co lentify pr eport action	mensions ngles and sic formu mplex for osition novement ualities o assificatio escription d cause a mparison obable ca ions	lines la mula ts and actions f materials n, definitions, cions and and reason, and contrast thuse and result	
分類 評価割合 総合評価書	1stQ 2ndQ	tern 週 1 1 1 1 1 1 1 1 1	n. 授業 Intra Ang Basi Morr Posi Mov Mid- Qua Class Morr Inst Cau Com Prot Rep Fina ムの学習 野	対容 roduction/Dimoples and Lines ic Formula re Complex Fo ition rements and A -term alities of Mater ssification, Def re Description tructions and E use and Reason parison and (b bable Cause a porting Actions al 学習内容 学習内容	ension ension fials finition Explar n, and Contra nd Re G	ns ns, and Desconations d Similarity ast esult	票 態度 0	週で To To To To To To To T	gnments no との到達目標 pe able to ic pe able to	lentify dinentify are splain collentify classing the secrible quantify classing the secrible quantify classing the secrible quantify denderstan and splain collentify preport actions are sport actions are sport actions are splain collentify preport actions are sport actions are splain collentify preport actions are sport actions are specifications.	mensions ngles and sic formu mplex for osition novement ualities o assificatio escription d cause a mparison obable ca ions	lines la mula ts and actions f materials n, definitions, cions and and reason, and contrast suse and result 合計 100	
前期 デカスター・デスター・デスター・デスター・デスター・デスター・デスター・デスター・デ	1stQ 2ndQ 1アカリ	tern 週 1 1 1 1 1 1 1 1 1	n. 授業 Intra Ang Basi Mora Posi Mov Mid- Qua Clas Mora Inst Cau Com Prot Rep Fina 人の学習 野	を内容 roduction/Dimension and Lines ic Formula re Complex Fore ition rements and A -term allities of Mater resification, Defore Description tructions and E use and Reason nparison and C bable Cause a porting Actions al 図内容と到達 学習内容	ension rmula Actions finition Explar n, and Contra nd Re F □ □ □ □ □ □ □ □ □ □ □ □	ns ns, and Desconations d Similarity ast esult	票 態度 0 0	週2 To To To To To To To T	gnments no との到達目標 pe able to ic pe able to	標 lentify direction lentify derivation lentify posteribe questribe questribe questribe questribe questribe questribe questrify denderstan lentify preport action lentify preport acti	mensions ngles and sic formu mplex for osition novement ualities o assificatio escription d cause a mparison obable ca ions	lines la mula ts and actions f materials n, definitions, cions and and reason, and contrast cuse and result 位	
前期で対対では、一手を対している。	1stQ 2ndQ	tern 週 1 1 1 1 1 1 1 1 1	n. 授業 Intra Ang Basi Morr Posi Mov Mid- Qua Class Morr Inst Cau Com Prot Rep Fina ムの学習 野	制容 roduction/Dimension And Lines ic Formula re Complex Fosition rements and Astermalities of Mater satisfication, Define Description tructions and Estable Cause as porting Actions all 学習内容	ension ension fials finition Explar n, and Contra nd Re G	ns ns, and Desconations d Similarity ast esult	票 態度 0	週で To To To To To To To T	gnments no との到達目標 pe able to ic pe able to	lentify dinentify are splain collentify classing the secrible quantify classing the secrible quantify classing the secrible quantify denderstan and splain collentify preport actions are sport actions are sport actions are splain collentify preport actions are sport actions are splain collentify preport actions are sport actions are specifications.	mensions ngles and sic formu mplex for osition novement ualities o assificatio escription d cause a mparison obable ca ions	lines la mula ts and actions f materials n, definitions, cions and and reason, and contrast suse and result	