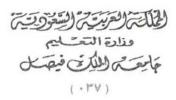
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Course Name		English 1		Year	2023-2024
Course Information	Course Code	Course No.	Course Level	Credit Hours	Prerequisite(s)
	2403-401	401	Preparatory Year	5	none
Course Track	University	Requirement	College Requ	irement 🗆	Specialized Core Electives

#### Course Description:

The PYD English Program is a skills-based program that focuses on the four basic language skills of reading, listening, speaking and writing. English 1 focuses on building a **beginner** English vocabulary and grammar.

Each skill is tested at the end of every unit. Students work on sentence and paragraph writing as well as written and email correspondence. Students also prepare for and complete individual speaking assessments.

Students will be able to answer aloud wh- and yes/no questions. Students will start with sentence writing and then advance their writing skills to construct a paragraph. The students will also accurately use beginner level unit grammar and vocabulary from their textbooks and use these in their writing and speaking. Students will be able to extract main ideas and find details from various basic texts and recordings. Students will engage in simple conversations with each other and their teachers to help them use strategies their teachers explain to effectively read and listen to parts of the textbooks; these are measured through the textbook exercises and unit examinations.

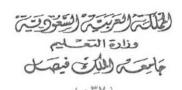
**English 1 Content and Topics:** 

Unit Themes	Speaking Assessment	Writing Assessment	Week	Contact Hours	
Green Spaces /Unique Homes	Simple -wh, yes/no questions	Construct simple sentences	1	20	
Art	Simple -wh, yes/no questions	Construct simple descriptive sentences	1	20	
Special Possessions	"how often" questions using adverbs of frequency	5-sentence descriptive paragraph	1	20	

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Business	-wh, yes/no questions	5-sentence descriptive paragraph	1	20	
Phobias -wh, yes/no questions  Adventure -wh, yes/no questions  Family -wh, yes/no questions		5-sentence advice paragraph	1	20	
		7-sentence narrative paragraph	1	20	
		7-sentence comparison paragraph	1	20	
Sports	-wh, yes/no questions	7-sentence opinion paragraph	1	20	

Upon successful completion of English 1, students will have the necessary skills to begin English 2.

#### Course Outcomes:

Students of English 1 acquire the concepts of the weekly themes and the unit vocabulary to effectively understand main ideas, compare reading and audio passages, and complete writing and speaking assessments. The following grammar points are completed in English 1:

Simple present and past of be and have	There + be in present and past tense	Comparative adjectives	
Present and past tense of be	Modals can, may, might and will	Future tense w/ be going to  Comparative adjectives	
Simple present tense including questions	Simple past tense including questions		
Adverbs of frequency	Present progressive	Use very, too, and enough	

Assessment	Assignment	15%	Quiz	25%	Lab	%	Project	%
Policy	Midterm	20%	Final	40 %	Others	%		

## Textbook

- John Beaumont and A. Judith Yancey, "Academic Progress 3 Reading & Writing," 1st edition, 2019, Pearson Longman, ISBN:1-292-30884-2
- Polly Merdinger and Laurie Barton, "Academic Progress 3 Listening and Speaking," 1st edition, 2019, Pearson Longman, ISBN: 1-292-30869-6

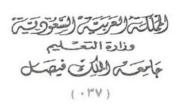


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#### References

- Moodle: An online learning management system which provides a platform for online testing of all quizzes, unit tests as well as midterm and finals. Furthermore, Moodle acts as an attendance and grade reporting system as well as a communicative platform for forum discussions as well as student logistical updates. https://pydm.kfu.edu.sa/
- My English Lab: An online learning platform that accompanies the textbook, it provides a review of material covered in the book as well as self study components that help prepare students for the test.

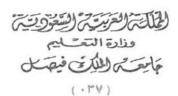


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Course Name		English 2		Year	2023-2024
Course Information	Course Code	Course No.	Course Level	Credit Hours	Prerequisite(s)
	2403-402	402	Preparatory Year	5	English 1 or attaining benchmark in placement test.
Course Track	University	Requirement	College Requ	airement 🗆	Specialized Core  Electives

## Course Description:

The PYD English Program is a skills-based program that focuses on the four basic language skills of reading, listening, speaking and writing. English 2 focuses on building a <u>lower-intermediate</u> English vocabulary and grammar.

Students will master the parts of speech such as adverbs of manner; descriptive and possessive adjectives; imperative sentences; modals of possibility; and various verb tenses. Students will recognize and understand content-related vocabulary used in various texts and listening passages. English 2 builds on the foundations of English 1 and focuses more on the previously introduced skills of predicting main ideas, as well as integrating and expanding ideas based on lower-intermediate text and listening passages. Students work on improving upon single paragraph writings that include previous skills taught in English 1. Students will respond with 1-2 sentences to impromptu questions using unit grammar correctly.

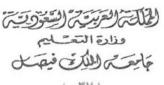
**English 2 Content and Topics:** 

<b>Unit Themes</b>	Speaking Assessment	Writing Assessment	Weeks	Contact
Work	Impromptu -wh, yes/no questions	10-sentence descriptive paragraph	1	20
Student Life	Impromptu -wh, yes/no questions	10-sentence narrative paragraph	1	20
Money	Impromptu -wh, yes/no questions	10-sentence descriptive paragraph	1	20
Etiquette	Impromptu -wh, yes/no questions	10-sentence descriptive paragraph	1	20
Perception Impromptu -wh, yes/no questions		10-sentence personal Experience paragraph	1	20

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Heroes	Impromptu -wh, yes/no questions	12-sentence narrative paragraph	1	20
Health	Impromptu -wh, yes/no questions	12-sentence narrative paragraph	1	20
Endangered Cultures	Impromptu -wh, yes/no questions	12-sentence opinion paragraph	1	20

Upon successful completion of English 2, students will have the necessary skills to begin English 3.

## **Course Outcomes:**

Students of English 2 acquire the concepts of the weekly themes and the unit vocabulary to effectively understand main ideas, compare reading and audio passages, and complete writing and speaking assessments. The following grammar points are completed in English 2:

Possessive and adjectives	descriptive	Ca	Can, could, & would in polite requests			100000	odals of cessity			
Present simple	tense	Linking verbs				iture tense with				
Simple past te irregular verbs		Present progressive		Present progressive			Present progressive		10000	odals of essibility
Comparative a	djectives	Tir	Time clauses in the present tense							
Imperative ser	itences	Ac	lverbs of ma	nner						
Possessive and descriptive adjectives		Ca	Can, could, & would in polite requests					Modals of necessity		
Assessment	Assignment	15 %	Quiz	25 %	Lab	%	Projec	t%		
Policy	Midterm	20%	Final	40 %	Others	%				

Textbook

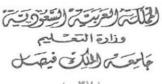
- John Beaumont and A. Judith Yancey, "Academic Progress 4 Reading & Writing," 1<sup>st</sup> edition, 2019, Pearson Longman, ISBN:1-292-30886-9
- Polly Merdinger and Laurie Barton, "Academic Progress 4 Listening and Speaking," 1st edition, 2019, Pearson Longman, ISBN:1-292-30898-2



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### References

- 1- Moodle: An online learning management system which provides a platform for online testing of all quizzes, unit tests as well as midterm and finals. Furthermore, Moodle acts as an attendance and grade reporting system as well as a communicative platform for forum discussions as well as student logistical updates. <a href="https://pydm.kfu.edu.sa/">https://pydm.kfu.edu.sa/</a>
- 2- My English Lab: An online learning platform that accompanies the textbook, it provides a review of material covered in the book as well as self study components that help prepare students for the test.

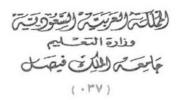


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Course Name		English 3		Year	2023-2024
Course Information	Course Code	Course No.	Course Level	Credit Hours	Prerequisite(s)
	2403-403	403	Preparatory Year	5	English 2
Course Track	University	Requirement	College Requ	irement 🗌	Specialized Core  Electives

## Course Description:

English 3 focuses on building an intermediate English vocabulary and grammar.

English 3 builds on the foundations of English 2 and focuses more on the previously introduced skills of expressing opinions and revising and editing written material.

Students will master intermediate grammar, consisting of, but not limited to, comparative adverbs; modals of ability, advice, necessity, and future possibility; simple past/past progressive/present perfect verb tenses; infinitives of purpose. Students will build their cache of vocabulary and use it to answer and discuss comprehension questions. Students will extract a wider range of concepts from listening passages by inferring things such as meaning, emotions, contrast, and factual information from context. Students begin using pre-writing strategies that help them write well-developed paragraphs that include intermediate vocabulary and grammar usage. Students will also expand their speaking skills to give 30-45 second responses to impromptu questions derived from that week's unit theme.

**English 3 Content and Topics:** 

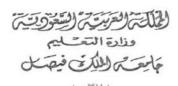
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Unit Themes	Speaking Assessment	Writing Assessment	Weeks	Contact hours	
Extreme Sports	20 to 35 seconds impromptu topic response	13-sentence narrative paragraph	1		
Space 25 to 40 seconds impromptu topic response p  Language 25 to 40 seconds impromptu 13-sente		13-sentence narrative paragraph	1	20	
		13-sentence opinion paragraph	1	20	
		13-sentence contrastive paragraph	1	20	

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Careers	25 to 40 seconds impromptu topic response	13-sentence opinion paragraph	1	20
Tourism 30 to 45 seconds impromptu topic response		14-sentence opinion paragraph	1	20
Plastic Surgery / Resolution & Justice	30 to 45 seconds impromptu topic responses	14-sentence opinion paragraph	1	20
Climate Change	30 to 45 seconds impromptu topic responses	14-sentence opinion paragraph	1	20

Upon successful completion of English 3, students will have the necessary skills to begin English 4.

#### Course Outcomes:

Students of English 3 acquire the concepts of the weekly themes and the unit vocabulary to effectively understand main ideas, compare reading and audio passages, and complete writing and speaking assessments. The following grammar points are completed in English 3:

Modals of ability  Reflexive and reciprocal pronouns  Simple past and past progressive tenses  Modals of advice			Present perfe	ct tense		Because and even though  Predictions with will and if  Adverb clauses of concession  And, but, so, and because			
			Comparative	adverbs					
			Superlative a	djectives					
			Future time c	lauses					
Infinitives of purpose			Gerunds			Future modals			
						Modals	of necessity		
Assessment Policy	Assignment	15 %	Quiz	25 %	Lab	%	Project	%	
	Midterm	20%	Final	40 %	Others	%			
<b>Fextbook</b>	1 <sup>st</sup> editi- 2. Polly M	on, 201 Ierdinge	t and A. Judith 9, Pearson Lorer and Laurie I edition, 2019,	ngman, ISB Barton, "Aca	N:1-292-3 ademic Pr	0886-9 ogress 5 l	Listening and	0,	



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### References

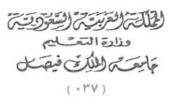
- 1. **Moodle:** An online learning management system which provides a platform for online testing of all quizzes, unit tests as well as midterm and finals. Furthermore, Moodle acts as an attendance and grade reporting system as well as a communicative platform for forum discussions as well as student logistical updates. https://pydm.kfu.edu.sa/
- My English Lab: An online learning platform that accompanies the textbook, it provides a review of material covered in the book as well as self study components that help prepare students for the test.



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Course Name		English 4		Year	2023-2024	
Course Information	Course Code	Course No.	Course Level	Credit Hours	Prerequisite(s)	
	2403-404	404	Preparatory Year	5	English 3	
Course Track	University	Requirement 2	College Requ	irement Spec	rialized Core Electives	

Course Description: English 4 focuses on building an <u>upper-intermediate</u> English vocabulary and grammar. It is the final PYD EP course required to graduate from the program, and therefore the most challenging.

Students build on the grammar from English 3 and focus on gerunds and infinitives, present and past unreal conditionals, adjective clauses, reported speech, and phrasal verbs. Students also learn the passive voice and the past perfect and present perfect progressive verb tenses. Students will be able to extract main ideas and find details from upper-intermediate authentic texts and recordings. Students work on paragraph writing that includes previous skills and hones their ability to fully support an opinion. Students also expand on speaking skills by giving extensive personal experience in impromptu topic answers of at least 40 seconds in length.

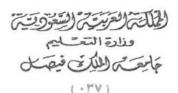
**English 4 Content and Topics:** 

Unit Themes	Speaking Assessment	Writing Assignment	Week	
Genius	35 to 50 seconds impromptu topic response	15-sentence opinion paragraph	1	
Overcoming Obstacles	35 to 50 seconds impromptu topic response	15-sentence opinion paragraph	1	
Medical Decisions	40 to 60 seconds impromptu topic response	15-sentence opinion paragraph	1	
Animal Intelligence	40 to 60 seconds impromptu topic response	15-sentence opinion paragraph	1	
Philanthropy	40 to 60 seconds impromptu topic response	15-sentence opinion paragraph	1	
Water Pollution and Conservation 40 to 60 seconds impromptu topic response 20-sentence opinion paragra		20-sentence opinion paragraph	1	
Video Games and Mobile Phones 40 to 60 seconds impromptu topic response 20-sentence opinion paragrap		20-sentence opinion paragraph	1	

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Upon successful completion of English 4, students will have completed the English requirements for the PYD.

## **Course Outcomes:**

Students of English 4 acquire the concepts of the weekly themes and the unit vocabulary to effectively understand main ideas, compare reading and audio passages, and complete writing and speaking assessments. The following grammar points are completed in English 4:

Past perfect	Reported speech	Causal verbs
Passive and active voice	Comparing past forms	Subordinators and prepositional phrases
Gerunds and infinitives	Concessions	Phrasal verbs
Past and present unreal conditions	Relative pronouns in adjective clauses	Contrasting the simple past, present
		perfect and present perfect continuous

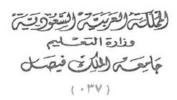
Assessment	Assignment	15 %	Quiz	25 %	Lab	%	Project	%
Policy	Midterm	20%	Final	40 %	Others	%		
Textbook	," 1 <sup>st</sup> ed 2. Polly M	lition, 20 Ierdinge	19, Pearson r and Laurie	Longman, IS	BN:1-292 ademic Pro	-30886- ogress 6	Listening and	
References	online to Moodle community https://j  2. My Engrovide	e acts as a nicative pydm.kft glish La s a revie	f all quizzes, an attendanc platform for 1.edu.sa/ <b>b</b> : An online	unit tests as e and grade r forum discu e learning pla al covered in	well as mi reporting syssions as w	dterm ar ystem as vell as st	provides a pland finals. Further well as a sudent logistic anies the texts self study c	rthermore, cal updates book, it



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Course Name	В	asic Science 1		Year	2023-2024	
Course Information	Course Code	Course No.	Course Level	Credit Hours	Prerequisite(s)	
	2417-304	304	Preparatory Year	2	l <del>-</del>	
Course Track	University	Requirement	College Requ	nirement Spec	cialized Core  Electives	

#### Course Description:

The main purpose of this course is to provide help to the medical students in the preparatory year to understand the basic concepts of the subjects of cytology, anatomy, physiology, immunology, biochemistry and genetics. The course presents foundations of these subjects and describes them in simple details and language to make them understandable to students. This course will focus on naming and describing the structure and function of cells. Build a good foundation in anatomy, physiology and immunology. Describe the circulatory, respiratory system, urinary system and body defenses. This course will also focus on biological macromolecules (proteins, carbohydrates, lipids, and nucleic acids), their structure and function. Recognize the fundamental concepts of cellular reproduction. Introduce students to the core concepts of what genes are and how they work, enabling students to appreciate the transfer of genetic information in living cells, describe the basic aspects of the flow of genetic information from DNA to proteins. Recognize how the hereditary information in DNA controls what an organism looks like and how it works and recognize how to identify and classify mutations in DNA. Understanding the principal concepts and terminology of these subjects will help the students to understand these and other medical subjects when delivered in more details in the advanced classes in their designated colleges.

#### **Course Outcomes:**

- Explain the concepts of organic compounds.
- Provide an overview of cytology, and cellular metabolism.
- Recognize the fundamental concepts of genetics, and cellular reproduction.
- Recognize the fundamental concept of DNA structure and function.
- Recognize the basic concepts of animal structure and function.
- Recognize the fundamental concept of circulation and respiration.
- Explain the basic concepts of defense system.

Assessment	Assignment	10%	Quiz	15%	Lab		Project	5%
Policy					(Virtual lab)			
المامة للسنة	Midterm	30%	Final	40%	Others	%		

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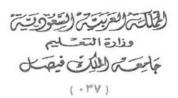
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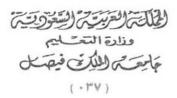
Textbook	Campbell Essential Biology with Physiology, A custom edition for: Basic Sciences Department, Preparatory Year Deanship, King Faisal University (Custom edition + Access code) ISBN: 9781839613739
References	Simon. Reece. Dickey, "Campbell Essential Biology with Physiology", Pearson, 2019-sixth edition



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Course Name	В	Basic Science 2		Year		2023-202	4
Course Information	Course Code	Course No.	Course Level	Credit Hours	P	Prerequisit	e(s)
	2417-305	305	Preparatory Year	2		-	
Course Track	University	Requirement	College Req	uirement 🗆 S	Specialize	d Core 🗌 E	lectives
can be applied of scientific the Course Outcomer Property of t		icles and the at and chemicals rorganic and me mix.	omic structure.	nd experimen			
	mple chemical cal						
Assessment Policy	Assignment	10% Quiz	15%	Lab (Virtual lab)	%	Project	10%
	Midterm	25% Final	40%	Others	%		
Γextbook	Chemistry, Basi Faisal University						ences, Kin
	1- Chemistry 1	2th edition. By	: R. Chang. Mc	Graw-Hill, 20	017.		

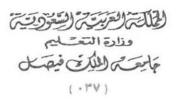
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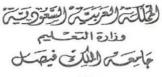


Course Name		Biostatistics		Year	2023-2024
Course Information	Course Code	Course No.	Course Level	Credit Hours	Prerequisite(s)
	2417-303	303	Preparatory Year	2	-
Course Track	University R	equirement 🛛	College Requi	rement 🗆 S	Specialized Core  Electives
Course Descri	ption:				
rule in probabil Distributions, ( Course Outco	ity, Multiplication Correlation, Regreemes:	rule in probabi ssion, Introduc	lity, The Standa tion to SPSS Pro	rd Normal D ogram.	damentals of probabilities, addition istribution, Applications of Normal
	e exposed to the m				re expected to:
	ate the role of bios				
• Enumer		struct differen	t types of tables	to summariz	aracteristics of different variable ze data with meaningful and.
	ate, indicate and co with proper interp		ferent types of g	graphical pre	sentation for data display and
normality	ate, appreciate, and and data examina asic rules of proba	tion and preser		es of central	tendency to describe, detecting
					describe, examine, present and
interpret t	he different data s				
• Analyze		ired sample dat	a using correlat	ion and regre	

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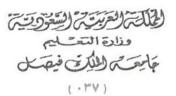
Policy	Midterm 30% Final 40% Others 0							
Textbook	Biostatistics fo	or the biol	ogical and	health stud	lies, 2020-Cu	stom editi	on for KF	U, Pearson.
References	Jason Ro 2. 2. Biosta Wayne V 3. Principle Chapman 4. Schaum's	y, 2nd Ed tistics: A V. Daniel, s of Biost and Hall s Outline o	ition, Pears Foundation Chad L. C atistics, 2nd /CRC. of Elements	son for Analy ross, Wiley d Edition, l	n sciences, M sis in the Hea /. By Marcello l cs I: Descrip h Bernstein,	llth Science Pagano, K tive Statis	ces, 11th E imberlee	Edition, By Gauvreau,



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Course Name	N	Nathematics-1			Year		2023-2024	
Course Information	Course Code	Course No.	Cou		Credit Hours	P	rerequisite(	s)
	2417 – 301	301		aratory	2	-		
Course Track	University	Requirement	Colle	ege Requ	uirement S	Specialized	Core Elec	ctives
Mathematics, v topics; explicit		ntal to the stu Percentage, hmic Function	dy of re Algebra is.	lated tec and Eq	chnical subjeuations, Line	ets. Emphasis and Inequ	ualities, Fund	on many
	Compute percent	tage and apply	the ope	rations o	on decimals a	nd fractions	i.	
•	Recognise the re	al numbers an	d their p	ropertie	S.			
•	Apply operations					ials.		
•	Solve linear, qua		solute va	lue equa	ations.			
	Solve linear inequations of		σ lines a	and circl	es.			
applica equation	Recognize func- ation as mathemat Use the propert	tions, includi	ng comp	osition	of functions			
Assessment	Assignment	10% Qu	iz	15%	Lab	%	Project	5%
Policy	Midterm	30% Fir	ıal	40%	Others	%		
Textbook	Fundamentals	of Mathemat	ics Pears	on, 2019	O-Custom edi	tion for KF	J	
References	Thom	matics with A as W. Hunger lege Algebra	ford, Joh	n P. Ho	lcomb, Marg	eret L. Lial	2017 • Pear	son

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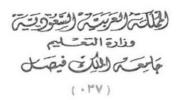
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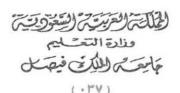
	IV.	(2) (athematics		Year		2023-2	024
Course Information	Course Code	Course No.	Course Level	Credit Hours		Prerequi	site(s)
	2417 – 302	302	Preparatory Year	2	Math	hematics (1)	
Course Track	University	Requirement	⊠College Requ	irement S	Speciali	ized Core	Electives
(Limits, Continuo	asis is placed on muity, Differentiationes:  Evaluate trigonoringular form.	on, and Integra	tion).				
•	Solve trigonomet					problems.	
	Use trigonometri Apply the basic of					trices.	
	Find determinant	•		30 30			s
• infinity	Evaluate various and infinite limits	s.			hically	, and evaluate	limits at
	Check the continuous Differentiate vari				ition rul	les.	
• method	Find antiderivativs.	ve of a function	a, and integrate	various func	tions us	sing the vario	us integration
	Assignment	15% Quiz	15%	Lab	0	Project	5%
Assessment	The second By the						

التاريخ: الرقم: - www.kfu.edu.sa الملكة العربية السعودية ص. ب ١٠٠ الأحساء - ٣١٩٨٢ الهاتف: ١٣٥٨٠٠٠٠ فاكس: ١٣٥٨١٦٩٨، ١٣٥٨١٦٩٨، ١١٥٥٤ العربية السعودية ص. ب ١٠٠ الأحساء - ٣١٩٨٦ الهاتف: ١٣٥٨٠٠٠٠ فاكس: ١٣٥٨١٦٩٨، ١٩٨٥ الهاتف

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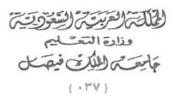
## References

- 1- Mathematics with Applications In the Management, Natural and Social Sciences, Thomas W. Hungerford, John P. Holcomb, Margeret L. Lial 2017 Pearson
- 2- College Algebra and Trigonometry, Global Edition, 6/E Margaret L. Lial, John Hornsby, David I. Schneider, Callie Daniels 2017 Pearson



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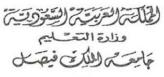
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Course Track  Course Description:  Basic Science Non-mereasoning skills and a right the preparatory year to course will focus on a students will recognize energy conservation, li  This course will also for cell organization and genoteins, carbohydrate	nedical intro new way o o understan atoms, peri ze motion, ight, electri focus on bi genetics. S tes, lipids,	oduces basic of thinking about the basic control odic properties and laws of micity and electrological science tudents will de and nucleic achtroduce students	concepts and key at our environmencepts of the subsets, chemical bond notion, momentured omagnetic induction, momentured induction, momentured including an increase of the core of the co	y ideas while ent. This cours ojects of Chen ds, chemical r m, work, pote tion. introduction to derstanding of ture and funct oncepts of who	te is to provide help to students in nistry, Biology and Physics. This reactions, organic chemistry. The ential energy and kinetic energy to the disciplines of biochemistry, of the biological macromolecules cion. Naming and describing the at genes are and how they work,
Course Track  Course Description:  Basic Science Non-mereasoning skills and a recourse will focus on a students will recognize energy conservation, li  This course will also feell organization and genoteins, carbohydrate structure and function enabling students to ap  Course Outcomes:	University  dedical intro new way o o understan atoms, peri ze motion, ight, electri focus on bi genetics. S tes, lipids, a of cells. In	Requirement and the basic control of thinking about the basic control of	Year  College Requestions and key at our environment oncepts of the sultantial bond on the college including an incept of the sultantial bond on the college including an incept of the college incept of the college including an incept of the college incept of the college including an incept of the college incept of the college including an incept of the college incept of the college including an incept of the college including an inc	irement Sp  y ideas while ent. This cours ojects of Chen ds, chemical r m, work, pote tion.  introduction to derstanding of ure and funct oncepts of who	providing opportunities to learn the is to provide help to students in mistry, Biology and Physics. This reactions, organic chemistry. The tential energy and kinetic energy, to the disciplines of biochemistry, of the biological macromolecules are income and describing the at genes are and how they work,
Course Description:  Basic Science Non-mereasoning skills and a result the preparatory year to course will focus on a students will recognize energy conservation, lithis course will also feell organization and genoteins, carbohydrate structure and function enabling students to approve Outcomes:	nedical intro new way o o understan atoms, peri ze motion, ight, electri focus on bi genetics. S tes, lipids,	oduces basic of thinking about the basic control odic properties and laws of micity and electrological science tudents will de and nucleic achtroduce students	concepts and key at our environmencepts of the subsets, chemical bond notion, momentured omagnetic induction, momentured induction, momentured including an increase of the core of the co	y ideas while ent. This cours ojects of Chen ds, chemical r m, work, pote tion. introduction to derstanding of ture and funct oncepts of who	providing opportunities to learn the is to provide help to students in mistry, Biology and Physics. This reactions, organic chemistry. The tential energy and kinetic energy, to the disciplines of biochemistry, of the biological macromolecules tion. Naming and describing the at genes are and how they work,
Basic Science Non-more reasoning skills and a reasoning students will recognize energy conservation, lithis course will also feell organization and a (proteins, carbohydrate structure and function enabling students to approve the course Outcomes:	new way o o understan atoms, peri ze motion, ight, electri focus on bi genetics. S tes, lipids, of cells. In	f thinking about the basic control of the basic control of the basic control of the basic state of the basic	at our environmencepts of the sul- s, chemical bond notion, momentu omagnetic induc- te, including an in- evelop a basic un- teds) there structures to the core co-	ent. This course of the point o	te is to provide help to students in nistry, Biology and Physics. This reactions, organic chemistry. The ential energy and kinetic energy to the disciplines of biochemistry, of the biological macromolecules cion. Naming and describing the at genes are and how they work,
reasoning skills and a rethe preparatory year to course will focus on a students will recognize energy conservation, li  This course will also focell organization and go (proteins, carbohydrate structure and function enabling students to approve Outcomes:	new way o o understan atoms, peri ze motion, ight, electri focus on bi genetics. S tes, lipids, of cells. In	f thinking about the basic control of the basic control of the basic control of the basic state of the basic	at our environmencepts of the sul- s, chemical bond notion, momentu omagnetic induc- te, including an in- evelop a basic un- teds) there structures to the core co-	ent. This course of the point o	te is to provide help to students in nistry, Biology and Physics. This reactions, organic chemistry. The ential energy and kinetic energy, to the disciplines of biochemistry, of the biological macromolecules cion. Naming and describing the at genes are and how they work,
Course Outcomes:	ppreciate th	ne transfer of ge	enetic information	on in living ce	lle.
Define and explain n				III II TIII CO	113.
	minor conce	epts in the biole	ogical sciences.		
Recognize the relation	onship betv	veen structure a	and function at le	evel of cellula	r and molecular basis.
Recall basic concepts	ts of chemis	stry.			
Reproduce the basic	laws and p	principle in the phenomena of	physics, which i light physics in	nclude motior life. Recogniz	re and reactivity of matter.  n, energy and electricity.  the different aspects of light.
Developing ability to	o think criti	ically and analy	ytically.		
Demonstrate differen     Illustrate the differen					ir applications in the real life.

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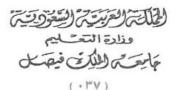
Assessment Policy	Assignment	15 %	Quiz	45 %	Lab (Virtual lab)		Project	10 %
	Midterm	%	Final	30 %	Others	%		
Textbook	Natural Science Department, P							
References		Essentia	l Biology v	vith physio		Reece. D	ickey, Pears	on, 2016-fifth



الرقم: المرفقات:

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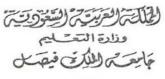
Course Name	Uni	versity Life Sk	ills	Year		2023-20	)24
Course Information	Course Code	Course No.	Course Level	Credit Hours		Prerequis	ite(s)
	2410-305	305	Preparatory Year	1		_	
Course Track	University	Requirement	College Req	uirement 🗌	Specializ	ed Core	Electives
solving pr • Implemen	ne concepts of coll coblems to help his it right strategies of	m/her adapt to of studying, do	university.  Ing research and	l managing ti		paring for ex	ams, and
<ul><li>Build goo</li><li>Recognize</li></ul>	ientific steps to so d report with his/h e psychological pr e the value of tean	ner instructors oblems and the	and colleagues.				
	Assignment	% Qui:	%	Lab	%	Project	20 %
Assessment			THE PARTY OF THE P				
	Midterm	30 % Fina	40 %	Others	10 %		



 المرفقات:	التاريخ:	الرقم:
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(037)





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- . 2001 المهارات الدراسية: محمد على الخولي عمان: مكتبة دار الفلاح للنشر والتوزيع. الطبعة: الأولى . 4
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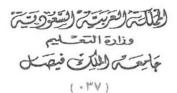


المرفقات:

التاريخ:

## Ministry of Education KING FAISAL UNIVERSITY (037)





Course Name	Termi	nologies and S	kills	Year		2023-20	24
Course Information	Course Code	Course No.	Course Level	Credit Hours		Prerequisi	te(s)
	2410	306	Preparatory Year	1		_	
Course Track	University	Requirement	College Req	uirement 🗌	Specializ	ed Core 🔲 I	Electives
	in the area of int	erest.					
Course Outcon  Reca Reca App Assu	nes:  all fundamental copyrights the basic to the appropriate time responsibility pendence and res	oncepts, princip echniques and per e methods in pro- y to advance the ponsibility.	pivotal tools in oblem solving. eir own learning	the field.			
Course Outcon  Reca Reca App Assu	nes:  all fundamental copyrights the basic to the appropriate time responsibility.	oncepts, princip echniques and per emethods in pro- y to advance the ponsibility.	pivotal tools in oblem solving. eir own learning n of preparatory	the field. g and unders	edge to u	ndergraduate	disciplines
Course Outcom  Recc Recc App Assuinde Act and Assessment	nes:  all fundamental control of the appropriate the appropriate time responsibility pendence and resupon to engage in	oncepts, princip echniques and per emethods in pro- y to advance the ponsibility.	pivotal tools in oblem solving. eir own learning n of preparatory impowerment a	the field. g and unders	edge to u	ndergraduate	
Course Outcom  Recc Recc App Assuinde Act and Assessment	nes:  all fundamental copyrights the appropriate time responsibility pendence and resupon to engage in innovations that fundamental states.	oncepts, principe chniques and permethods in proyet to advance the ponsibility.  In the integration facilitates self-e	pivotal tools in oblem solving. eir own learning of preparatory impowerment a	the field.  g and unders  year knowl  nd success in	edge to u	ndergraduate tudies.	disciplines
Recaling Assumed Act	all fundamental congriste the basic to the appropriate time responsibility pendence and resupon to engage in innovations that the Assignment	oncepts, principe echniques and permethods in proyeto advance the ponsibility. In the integration facilitates self-economic accordance with the control of t	pivotal tools in oblem solving. eir own learning of preparatory impowerment a	g and unders year knowled success in Lab	edge to un higher s	ndergraduate tudies.	disciplines

