

قائمة نواتج تعلم مقررات السنة التحضيرية للعام الجامعي 1438-1439 هـ

## **أولاً: نواتج تعلم مقررات المستوى الأول:**

### **Introduction to Mathematics (140 Math-2) -1-1**

- Describe the basic concepts of equations, inequalities, and functions, and their rules, which will be cover in this course.
- Solve the equations and the inequalities, with Absolut value in one variable.
- Find the domain, the range, and the inverse of a function and their properties to sketch curve of it
- Apply the properties of exponential and logarithmic functions for specific equations and applications
- Evaluate trigonometric functions for general angles in degree and radian measure.

### **Computer skills1 – (140Tec-2) -2-1**

- Describe all the basic concepts of Information Technology and its related terminologies.
- Create professional documents and presentations using MS Word and MS PowerPoint, to prepare projects.
- Work on spread sheets – MS Excel for data analysis
- Use internet-based tools to search for, send, and receive information.
- Research about required information using Information Technology.

### **140- ENG-2 Reading Skills -3-1**

- To recognize topics, main ideas and supporting details of the readings
- To predict meanings of unfamiliar words from context.
- To develop academic vocabulary in many ways such as categorization, synonyms, opposites, suffixes, prefixes and parts of speech

- To write about the information of a text.
- To interpret the information in different reading context.

#### 141- ENG-2 Writing Skills -4-1

- Students will be able to recognize the proper format of social, personal and academic writings.
- Students will be able to write correct punctuation, capitalization, contraction and abbreviation appropriately in a given text.
- Students will be able to differentiate between simple, and compound sentences.
- Students will be able to write friendly letters, postcards and emails.
- Students will be able to express their ideas and thoughts using appropriate vocabulary and structures for academic and social writings.
- Students will be able to demonstrate their communication skills through writing. (Blogs and journal writing etc

#### 142 ENG-2 Listening & Speaking Skills -5-1

- State the main ideas in an authentic audio recording
- Recall the specific details in an authentic audio recording
- Predict information from context as they listen to an authentic audio recording.
- Recognize important/key words or information in an authentic audio recording
- Differentiate types of pronunciation, intonation and stress in an authentic audio recording
- Produce short conversations using communication strategies
- Speak at a reasonable speed, using correct pronunciation, intonation and stress.
- Use vocabulary in an appropriate context

- Recognize grammatical items like articles, nouns, adjectives, adverbs, qualifiers and conjunctions in correct positions.
- Define the constituent parts of sentence
- -Compose correct sentences; in a particular linguistic context.
- Write the correct forms of verbs, phrases, clauses, gerunds, infinitive in a sentence.
- Form question, affirmative, and negative sentences using different tenses.
- Order the words to construct meaningful sentences.
- Demonstrate ability in using grammar in different communicative contexts.

Skills of Learning, Thinking, and Research , 140 skl – 2 -7-1

- Define concepts related to learning, thinking and research skills.
- Use the learning tools correctly.
- Apply thinking skills (critical, creative, solving problems, Meta cognitive) properly .
- Use the Scientific Research writing skill properly
- Maintain good relationships with peers and teachers.
- Take responsibility for learning.
- Use communication skills and IT.

**ثانياً : نواتج تعلم مقررات المستوى الثاني:**

150 General English - 3 -1-2

- Students will be able to recall learnt vocabulary in different situations.
- Students will be able to identify grammar rules in different context.
- Students will be able to use scanning, skimming, inferring, etc. in reading text.
- Students will be able identify fine details in an audio text.

- Students will be able to write various writing forms.

**ENG-2 Technical and Professional Writing 151 -2-2**

- Students will be able to identify different mechanics of formal compositions.
- The students will be able to recognize different types of sentences.
- The students will be able to recognize different terms and different forms of writing.
- The students will be able to write notes and summaries
- The students will be able to use formal writing through electronic media and in real life scenarios.

**150 Math-4 Calculus -3-2**

- Define the limit and the continuity of functions, and its derivatives on the real numbers system
- Evaluate the limits of a function, as
- Determine where a function is either continuous or not at a point or on the interval.
- Find the derivative of functions (in 1st degree, or high degree)
- Apply the derivative of functions for studying the behavior of functions and sketching their curve.

**150Tec-1 Computer Skills -4-2**

- Describe the steps of problem solving process
- Design the algorithms using flowchart and pseudocode.
- Evaluate the solution of the problem
- Demonstrate the solution using decision logic structures and loops

**Man – 1 Professional Ethics -5-2**

- Define the concepts related to Professional Ethics .
- Recall the rights and duties of work in light of the Saudi systems and the methods of how to build a positive career

- Differentiate between good manners and bad manners in the field of work.
- Distinguish between the human Behavior determinants .
- Distinguish between the ethics values and the references upon which professional ethics.
- Maintain good relationships with peers and teachers
- Take responsibility for learning
- Use communication skills and use IT in learning

#### **Communication Skills /150 SKL – 2 -6-2**

- Define communication skills concepts
- Identify the elements of social and knowledge competencies
- Identify the elements of proper reading and listening competencies .
- Distinguish between of the components of social competence .
- Illustrate the elements of listening competence .
- Build a communicative message putting into consideration the communication competence .
- Maintain good relationships with peers and teachers and take responsibility for learning
- Use communication skills and IT in learning