



# EXCEL

## FORMULAS

2019 - 2020 EDITION

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*This handout has been written by students with no intention to substitute the University official materials. Its purpose is to be an instrument useful to the exam preparation, but it does not give a total knowledge about the program of the course it is related to, as the materials of the university website or professors.*

## Excel formulas

<p><b>ABS</b>(number)</p> <p><b>AND</b>(logical1,logical2...)</p> <p><b>AVERAGE</b>(number1,number2...)</p> <p><b>AVERAGEIF</b>(range,criteria,average-range)</p> <p><b>AVERAGEIFS</b>(average range,criteria-range1,criteria1...)</p> <p><b>CONCATENATE</b>(text1,text2...)</p> <p><b>COUNT</b>(range)</p> <p><b>COUNTA</b>(range)</p> <p><b>COUNTBLANK</b>(range)</p> <p><b>COUNTIF</b>(range,criteria)</p> <p><b>COUNTIFS</b>(criteria-range1,criteria1,...)</p> <p><b>DATE</b>(y,m,d)</p> <p><b>DATEDIF</b>(date1,date2,return-type) <ul style="list-style-type: none"> <li>▪ "Y"=years</li> <li>▪ "M"=month</li> <li>▪ "D"=days</li> </ul> </p> <p><b>HOUR</b>(cell)</p> <p><b>IF</b>(logical-test,value-if-true,value-if-false)</p> <p><b>IFERROR</b>(value,value-if-error)</p> <p><b>LEFT</b>(text, number-of-characters)</p> <p><b>LEN</b>(text)</p> <p><b>LOWER</b>(text)</p> <p><b>MATCH</b>(lookup-value,lookup-array,match-type) <ul style="list-style-type: none"> <li>▪ 0=exact match</li> <li>▪ 1= largest value that is less than or equal to lookup-value</li> <li>▪ -1= smallest value that is greater than or equal to lookup-value</li> </ul> </p>	<p><b>MIN</b>(number1,number2,...)</p> <p><b>MONTH</b>(cell)</p> <p><b>NOW</b>()</p> <p><b>OR</b>(logical1,logical2,...)</p> <p><b>PRODUCT</b>(number1,number2,...)</p> <p><b>PROPER</b>(text)</p> <p><b>PMT</b>(rate,number-of-periods,pv,(fv),type) <ul style="list-style-type: none"> <li>▪ 0=end of period</li> <li>▪ 1=beginning of period</li> </ul> </p> <p><b>RANK.EQ</b>(number,reference,order) <ul style="list-style-type: none"> <li>▪ 0=descending</li> <li>▪ 1=ascending</li> </ul> </p> <p><b>RIGHT</b>(text,number-of-characters)</p> <p><b>SEARCH</b>(find-text,within-text,start-number)</p> <p><b>SUM</b>(number1,number2,...)</p> <p><b>SUMIF</b>(range,criteria,sum-range)</p> <p><b>SUMIFS</b>(sum-range,criteria-range1,criteria1,...)</p> <p><b>SUMPRODUCT</b>(array1,array2...)</p> <p><b>TIME</b>(h,m,s)</p> <p><b>TODAY</b>()</p> <p><b>TRIM</b>(text)</p> <p><b>UPPER</b>(text)</p> <p><b>VLOOKUP</b>(lookup-value,table-array,column-index,range-lookup) <ul style="list-style-type: none"> <li>▪ TRUE=approximate match</li> <li>▪ FALSE=exact match</li> </ul> </p> <p><b>WEEKDAY</b>(cell,return-type[we must put 1 ie American type])</p>
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<code>MAX(number1,number...)</code> <code>MID(text,start-number,number-of-characters)</code>	<code>YEAR(cell)</code>
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