

TEJ200 exam topics

Computer components

Electronic components and symbols

Boolean gates

Binary numbering system

PICAXE Programming using flow charts

History of Computing

Multiple Choice 20 marks

Diagrams 20 marks

Boolean Gates 10 marks

Binary Numbers 10 marks

Flow Charts 10 marks

Essay Question 20 marks

Total 90 marks

The exam is worth 30 % of the final mark.

Term mark = 70%

Culminating = 20%

Exam mark = 10%

Total = 100%

TEJ200 exam topics

Computer components

Review the “How Computers Work” assignment.

Review the handouts you received on components of the computer.

Review the test on computer components – find the answers to the questions you were unable to answer before.

Be able to label any of the diagrams in the materials above.

Electronic components and symbols

Review the handout on electronic components and symbols.

Boolean gates

Practice until you can complete the table of logic gates easily.

Memorize the patterns!

Binary numbering system

You must be able to write down the binary numbers from 0 to 15 with the decimal and hexadecimal equivalents.

Convert decimal numbers to binary and convert binary to decimal.

Convert binary to hexadecimal and hex to binary.

PICAXE Programming using flow charts

You should be able to recognize the symbols used in flow charts and explain how they can be combined to create a program.

History of Computing

Review your notes on “The Machine that Changed the World” video series.

Review the reading “Computers: The Historical Perspective” and your summary of the topic.

Refer to the handout “The Development of Computers: 1951-2001” on Mr. Snider’s web site.