Content 01 – Date _____/_____/_____
- ☐ Definition of Computer Science
- ☐ Importance of computer science in everyday life
- ☐ Basic components of a computer: CPU, memory, input and output devices_____
_____
- ☐ _____

Content 02 – Date _____/_____/_____
- ☐ What is an operating system?
- ☐ Functions of an operating system
- ☐ Examples of operating systems
- ☐ _____
- ☐ _____

Content 03 – Date _____/_____/_____
- ☐ Overview of IT professions: programmer, systems analyst, etc.
- ☐ Discussion on the role and remuneration of these professions
- ☐ _____
- ☐ _____

Content 04 – Date _____/_____/_____
- ☐ Continuation of the overview of IT professions: network administrator, graphic designer, etc.
- ☐ Discussion about the role and remuneration of these professions
- ☐ _____
- ☐ _____

Content 05 – Date _____/_____/_____
- ☐ What is programming?
- ☐ Introduction to programming logic: sequence, decision
- ☐ _____

- ☐ _____

Content 06 – Date _____/_____/_____
- ☐ Continuation of programming logic: repetition
- ☐ Introduction to the Python programming language: basic syntax, variables
- ☐ _____
- ☐ _____

Content 07 – Date _____/_____/_____
- ☐ Python programming language continuation: Date types, operators
- ☐ Solving simple problems using programming: mathematical calculations
- ☐ _____
- ☐ _____

Content 08 – Date _____/_____/_____
- ☐ Troubleshooting Using Programming Continued: String Manipulation
- ☐ Introduction to Code Debugging
- ☐ _____
- ☐ _____

Content 09 – Date _____/_____/_____
- ☐ What is graphic design?
- ☐ Importance of graphic design in the IT industry
- ☐ Introduction to graphic design tools: Photoshop
- ☐ _____
- ☐ _____

Content 10 – Date _____/_____/_____
- ☐ Continuation of graphic design tools: Illustrator

- ☐ Practice with graphic design tools: creating a simple logo
- ☐ _____
- ☐ _____

Content 11 – Date _____/_____/_____
- ☐ What is hardware maintenance?
- ☐ Computer components and their functions: CPU, memory, hard drive
- ☐ _____
- ☐ _____

Content 12 – Date _____/_____/_____
- ☐ Continuation of computer components and their functions: motherboard, input and output devices
- ☐ Practice of assembling and disassembling a computer: identifying componentes
- ☐ _____
- ☐ _____

Content 13 – Date _____/_____/_____
- ☐ Continuation of the practice of assembling and disassembling a computer: connecting cables
- ☐ Introduction to hardware troubleshooting
- ☐ _____
- ☐ _____

Content 14 – Date _____/_____/_____
- ☐ What are computer networks?
- ☐ Types of networks: LAN, WAN, MAN
- ☐ Components of a network: router, switch, Ethernet cable
- ☐ _____
- ☐ _____

Content 15 – Date _____/_____/_____
- ☐ Setting up a simple network: IP configuration
- ☐ Connecting devices to the network
- ☐ Introduction to network troubleshooting
- ☐ _____
- ☐ _____

Content 16 – Date _____/_____/_____
- ☐ What is information security?
- ☐ Importance of information security: protection of personal Date
- ☐ _____
- ☐ _____

Content 17 – Date _____/_____/_____
- ☐ Continued importance of information security: fraud prevention
- ☐ Best practices for online security: strong passwords, safe browsing
- ☐ _____
- ☐ _____

Content 18 – Date _____/_____/_____
- ☐ Introduction to IT Ethics
- ☐ Continued Best Practices for Online Security: Virus Protection
- ☐ _____
- ☐ _____

Content 19 – Date _____/_____/_____
- ☐ What is website development?
- ☐ Introduction to HTML: tags, attributes, web page structure
- ☐ Practical with HTML: creating a simple web page
- ☐ _____
- ☐ _____

COURSE	CONNECTING FUTURES: DISCOVERING INFORMATICS	**CLASS CODE:**	**UNIT:**

Content 20 – Date _____/_____/_____
- ☐ Introduction to CSS: selectors, properties, box model
- ☐ Practice with CSS: styling the previously created web page
- ☐ _____
- ☐ _____

Content 21 – Date _____/_____/_____
- ☐ Introduction to Javascript: basic syntax, DOM manipulation
- ☐ Creating a simple web page
- ☐ _____
- ☐ _____

- ☐ _____
Content 22 – Date _____/_____/_____
- ☐ Review of topics covered: group discussion, clarification of doubts
- ☐ Choosing and defining which area most interested the student
- ☐ _____
- ☐ _____
Content 23 – Date _____/_____/_____
- ☐ Preparing for the final assessment: study tips, practice assessment questions
- ☐ _____

- ☐ _____
- ☐ _____
Content 24 – Date _____/_____/_____
- ☐ **PRACTICAL ASSESSMENT**
  You will develop or carry out a project within the area that you most identified with in what was covered in the course.
Content 25 – Date _____/_____/_____
- ☐ **THEORETICAL EVALUATION**
  The student chooses na área in wich he/she most identifies to carry out the theoretical evaluation.

Content 26 – Date _____/_____/_____
- ☐ **DISCUSSION OF EVALUATION RESULTS**
  Course closure and discussion of next steps.

Observações

_____
_____
_____
_____

_____
Assinatura do docente