

ISTITUTO ISTRUZIONE SUPERIORE “Michelangelo Buonarroti”

Anno Scolastico 2020/2021

Classe: 4 Sez D – M.M.E.

PROGRAMMA SVOLTO DI LINGUA E CIVILTÀ INGLESE

Docente: Prof.ssa Rossana Mocchi

Testi adottati: Rosa Anna Rizzo - “SMARTMECH PREMIUM – MECHANICAL TECHNOLOGY AND ENGINEERING” - ELI

CONTENUTI

MODULE 3

Materials

A) MATERIAL SCIENCE
B) PROPERTIES OF MATERIALS
Mechanical properties
Thermal Properties
Electrical-magnetic and chemical properties
C) TYPES OF MATERIALS
Metals
Polymer materials (Rubber and Plastics)
Composite materials

MODULE 5

Machining Operations

A) POWER-DRIVEN MACHINES
Machine tools
Machine tools classification
B) THE LATHE
Parts of the Lathe
Major types of lathes
MACHINE TOOL BASIC OPERATIONS
Drilling
Boring
Milling
Grinding
Planers and Shapers
Metal-forming machine tools
Non-traditional machining processes

MODULE 6*

Metal Processes

A) METALWORKING
Steelmaking
Casting (die-casting and sand-casting)
B) FORMING METHODS
Hot and cold processes
Forging
Extrusion

Powered metal processes

C) METAL JOINING PROCESSES

Welding

Brazing and soldering

Sheet metal processing

*Porzione di Programma svolta in maniera generale. Gli studenti hanno fatto un Power Point sugli argomenti del Module 6, ma solo alcuni hanno esposto alla classe il lavoro svolto.

COMPETENCES

B1 Speaking

B1 Writing

B1 Listening

GRAMMAR

Verb Tenses (Present Simple and Present Continuous; Simple Past and Past Continuous; Present Perfect)

There is/there are

Personal Pronouns (Subj. and Obj.)

Possessive Adjectives, Possessive Pronouns

Demonstratives

Quantifiers

Imperative

Future Will/going to

Modals: have to/Must; Should, Can/Could; may/Might

Linkers and Prepositions

Adjectives Order; Comparatives and Superlatives

Phrasal Verbs

Pattern Verbs (verb +ing/ verb + to)

Conditional

Past Perfect

Defining and non-Defining Relative Clauses

Reported Speech: Say and tell

Guspini 03/06/2021

La docente
Prof.ssa Rossana Mocchi

Gli studenti