



PROGRAMMA - LINGUA INGLESE – A. S. 2022/2023 –

Prof.ssa Stefania Davino

CLASSE 5 AMC

Nel corso dell'anno scolastico sono stati svolti i seguenti contenuti dal testo di microlingua:
Rosa Anna Rizzo, *SmartMech* Mechanical Technology & Engineering, Eli

Module 4: Machining Operations from page 70 to 87

Power driven machines

Machine tools

Machine tools classification

The Lathe: parts of a lathe

Major types of lathes: woodworking lathes; metalworking lathes; glass-working lathe; metal spinning lathes

Machine tool basic operations: Drilling – Boring – Milling – Grinding – Metal forming machine tools

Module 5: Basic Metal Processes from page 94 to 98

Metal working

Steelmaking: the steelmaking process

Casting: die-casting – sand casting and strand casting

Module 6: The motor vehicle from page 120 to 131; from page 136 to 142

What makes a car move

Drive train

The four-stroke engine

The two-stroke engine

The diesel engine

The fuel system

The electrical system

The cooling system

The exhaust system

Alternative engines

Electric and hybrid cars

Fuel cell cars

Motorcycling

Structure of a motorcycle

Module 7: Systems and Automation from page 150 to 161from page 150 to 161

The Computer system

The computer evolution

Computer basics

Internet basics

Multidisciplinary field

Mechatronics

Automated factory organization

CAD Computer-aided design on page 62

Visione del film *The Darkest Hour*, regia Joe Wright, 2017

Nella prima parte dell'anno scolastico sono state trattate le unità didattiche 8 e 9 di Cult B2 ed. Black Cat, per approfondimenti linguistici

Lucca, 04/06/2023

Docente
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