

Course Overview

Content Area:

Course(s):

Time Period: **Year**

Length: **180**

Status: **Published**

Course Overview

Aligned to Standards: NJSLs 2014 -2020

Revision Date: 2022

In compliance with the NJ Student Learning Standards, climate change, career readiness, DEI (Diversity, Equity, & Inclusivity), as well as other standards have been integrated within the NBCRSD curricula (NJ Administrative Code Title 6A: chapter 8; Title 18A: chapter 35).

Course Overview

Sequence- Unit Titles, Summaries, and Number of weeks per unit (total = 18 semester/36 year)

Unit 1: Shop Safety - 1 Week

Unit 2: Hand and Power Tools - 1 Week

Unit 3: Precision Measuring Tools - 1 Week

Unit 4: Fasteners - 1 Week

Unit 5: Engine Operation Principles (2 Stroke/4 Stroke) - 2 Weeks

Unit 6: Engine Components - 2 Weeks

Unit 7: Engine Disassembly and Inspection - 4 Weeks

Unit 8: Carburetion, Fuel and Governor Systems - 2 Weeks

Unit 9: Ignition Systems - 1 Week

Unit 10: Lubrication System - 1 Week

Unit 11: Cooling System - 1 Week

Unit 12: Engine Re-Assembly - 4 Weeks

Unit 13: Preventative Maintenance and Troubleshooting - 2 Weeks

Unit 14: Outdoor Power Equipment and Maintenance - 2 Weeks

Unit 15: Lawn and Garden Tractor Maintenance - 2 Weeks

Unit 16: Basic Electricity - 8 Weeks

Unit 17: FFA/Developing Leadership Skills - 1 Week

[Reporting Student Progress](#) (link to NB's Assessment System)

All courses follow a balanced assessment system with Practice and Assessments.
Each category includes formative, summative and alternative assessments.

[Accommodations and Modifications](#) (link to menu)

Integrated accommodations and modifications for special education students, English language learners, students at risk of school failure, gifted and talented students, and students with 504 plans.