



LEVEL 3 DIPLOMA IN WOOD MACHINING 1201-33

1. Purpose

This qualification enables learners to develop the knowledge and skills required for employment, apprenticeships or further study to support career progression in machining wood and can include added value aspects such as design of wood components and managing workflow or production processes.

2. Qualification details

Regulator	The Office of Qualifications and Examinations Regulation, Ofqual		
Qualification Number	603/7656/9		
Level	3		
Total credit	50		
Total Qualification Time (TQT)	500 hours		
Guided Learning Hours (GLH)	400		
Approved age range (years)	16-18; 18+, 19+		
Operational Start date	1 st July 2021	Operational End date	30 th June 2026

3. Entry requirements

There are no formal entry requirements for learners taking this qualification. However, centres must ensure that learners have the potential and opportunity to gain the qualification successfully.

4. Progression opportunities

On achievement of this qualification learners will be able to consider the following progression opportunities:

- + complete a management qualification or relevant technical Foundation Degree
- + complete a Technical Level qualification in Manufacturing Processing and Control
- + complete an Apprenticeship in any of the following areas:
 - Advanced Furniture CNC Technician Level 3
 - Operations Departmental Manager Level 5
 - Manufacturing Manager Level 6
 - Improvement Technician Level 3
 - Improvement Practitioner Level 4
- + complete a Level 3 Assessor or Level 4 Verifier qualification.



5. Qualification support

This qualification is supported by a number of Further Education Colleges and Independent Learning Providers as recognising the achievement of knowledge and skills for employment or progression in the wood machining industry.

This qualification is also endorsed by employers' organisations as facilitating the development and application of knowledge and skills to support employment or progression in the wood machining industry.

6. Assessment methods

This qualification is assessed using the following methods:

- + Practical demonstration and/or assignment or
- + Portfolio of evidence.

Learners' levels of attainment will be measured by the achievement of learning outcomes and their related assessment criteria set out in units of assessment. The assignments set by centres or portfolios developed by learners will enable them to evidence their knowledge and to demonstrate their practical skills in vocational learning environments. All assessment activity within centres providing this qualification, is subject to internal quality assurance. Approved centres are subject to external quality assurance by Achieve+Partners.

7. Grading

This qualification is graded: fail, pass.

8. Qualification structure

This qualification is composed of mandatory and optional unit groups. To achieve the qualification learners must achieve **50 credits** in total (400 GLH):

- i. attain a pass in all mandatory units, accumulating **20 credits** and
- ii. attain a pass in selected optional units, accumulating **30 credits**.

Learners can attain additional unit credits which can be certificated, but they will not contribute to qualification achievement.



Unit Number	Unit title	Credit	GLH
MANDATORY UNITS			
Learners must achieve a pass in each of the 4 mandatory units listed below.			
Y/618/7727	Health and safety in wood machining	3	24
D/618/7728	Sustainability in the manufacture of timber and timber-based products	3	24
H/618/7729	Environmental and waste management in wood machining	6	48
Y/618/7730	Plan and organise workflow for wood machining	8	64
OPTIONAL UNITS			
Learners must achieve a pass in selected optional units, accumulating 30 credits .			
D/618/7731	Produce drawings using computer aided design (CAD)	9	72
H/618/7732	Manufacture wood-based components using computer numerical controlled (CNC) machines	9	72
K/618/7733	Manufacture wood-based components using portable powered tools	6	48
M/618/7734	Manufacture wood-based components using jointing machines	6	48
T/618/7735	Manufacture wood-based components using sanding machines	6	48
A/618/7736	Manufacture wood-based components using planing machines	6	48
F/618/7737	Manufacture wood-based components using sawing machines	6	48
J/618/7738	Manufacture wood-based components using profiling machines	6	48
L/618/7739	Timber and panel products in wood machining	6	48
F/618/7740	Manage machine production for wood machining	12	96

9. Approval arrangements for centres

Approved centres currently active in providing Achieve+Partner's qualifications can apply for qualification approval to offer this qualification by following this website link

<https://achievepartners.co.uk/delver-our-qualifications/>

Further Education Colleges, Independent Learning Providers and others who are not approved Achieve+Partners centres can apply for centre and qualification approval by following the link above.



10. Resources required by centres for qualification approval

Human resources

- + Teaching and training staff must be vocationally and technically competent in the specific subject areas that they are delivering and, preferably be appropriately vocationally qualified to at least level 3. They must have proven experience in providing training and should be working towards or hold a teaching or training qualification.
- + Assessors must have credible experience in vocational assessment and be working towards or hold relevant assessor units. Teaching and training staff may also carry out assessment of their learners in a dual role and, must meet the assessor requirements set out above.
- + Internal quality assurers must have credible experience in the internal quality assurance of assessment and be working towards or hold relevant IQA/IV units. Teaching and training staff may also carry out internal quality assurance of the assessment of their learners in a dual role and, must meet the IQA/IV requirements set out above. However, staff in an assessor role are not permitted to internally quality assure the assessment of their own learners.
- + Continuing Professional Development (CPD) is a requirement for all centre staff to ensure that they have current and credible knowledge and experience of their role. CPD must be recorded/logged and reviewed at least annually to ensure its relevance and appropriateness to support good practice and take account of legislative and regulatory requirements.

Physical resources

- + Teaching and training accommodation must be fitted out with industry standard tools, equipment, machinery and facilities in accordance with requirements set out in units of assessment. These must be compliant with regulatory requirements, be in working condition and be managed by effective systems of control e.g., standard operating procedures, quality arrangements, safe working practices.
- + Teaching and training accommodation can be used to carry out vocational assessment of learners, provided that teaching or training in relevant areas is suspended to ensure that learners are not disadvantaged in assessment.
- + Where appropriate workplaces can be used for training and assessment purposes provided that learners are supervised and, relevant health and safety and risk assessments are completed.