



UNIVERSITY OF NAMIBIA NEW COURSE On Offer 2027

Master's in Manufacturing Engineering > with specialisation in Welding Engineering

WHY THIS PROGRAMME

Manufacturing plays an important role in Namibia's industrial growth and economic development. As the country expands activities in value addition, mineral beneficiation, green hydrogen, oil and gas, energy, and local production, the need for skilled manufacturing engineers is increasing. The MSc in Manufacturing Engineering (Welding Engineering) provides advanced knowledge and practical skills to turn ideas, materials, and technologies into high-quality products. Graduates will be equipped to support Namibia's industrial development and contribute to the growth of industries across Africa.

INTERNATIONAL RECOGNITION

Upon successful completion of the MSc in Manufacturing Engineering (Welding Engineering) coursework, students have the opportunity to obtain the internationally recognised International Welding Engineer (IWE) qualification. This credential is awarded following a successful oral examination conducted through the Association for Welding and Allied Processes of Namibia (WeldNAM). The IWE qualification enhances graduates' professional standing, validates their expertise against international welding engineering standards, and increases career opportunities in industries such as manufacturing, energy, oil and gas, mining, construction, and infrastructure development worldwide.

FACILITIES & INDUSTRY CONNECTIONS

The specialisation was developed in close collaboration with industry partners. Students will gain insight and project experience through industry engagement, guest lectures and an industry-based thesis project completed in collaboration with a company.

ABOUT THE PROGRAMME

The programme integrates knowledge from different areas of manufacturing with the International Welding Engineering (IWE) syllabus. The programme is designed for mechanical, manufacturing, materials and marine engineers, among other relevant engineering fields. The total programme consists of 252 credits in accordance with the National Qualifications Framework (NQF) credit system.

CAREER OPPORTUNITIES

IWE graduates are highly sought after in the oil and gas, mining, green hydrogen, energy, manufacturing, construction, transportation, marine, and infrastructure sectors. These industries form the backbone of Namibia's industrialization agenda and offer excellent career opportunities across Namibia, Africa, and internationally.

ADMISSION REQUIREMENTS

Applicants must be in possession of a Bachelor of Science/Engineering degree in Mechanical Engineering, Manufacturing Engineering, Metallurgical and Materials Engineering from a recognized and accredited institution of higher learning, with an average grade of at least 60%, except where the candidate has five years of relevant industry experience.

DEGREE AWARDED

Upon completion, graduates will receive a Degree of Master of Science in Manufacturing Engineering with an option of the International Welding Engineer (IWE) qualification.

APPLICATIONS

Applications are submitted through the UNAM online application system. Applicants should upload proof of payment and the required supporting documents:

<https://www.unam.edu.na/studyunam/>

For detailed information on tuition fees, banking details and other fees, refer to the UNAM Student Fees Prospectus.

ENQUIRIES

Application enquiries:

Ms. Paulina Kashihakumwa

Faculty Officer: School of Engineering and the Built Environment

José Eduardo Dos Santos Campus, Ongwediva

Tel: +264 65 232 4004 / 4000

Email: pnshivute@unam.na



Mining



Pipeline



Green Hydrogen



Oil and Gas



Ship building



Railway



Steel structures