

Biotechnology - Bioprocess Manufacturing Technology Technical Standards

for Wake Technical Community College Programs
at Vernon Malone College and Career Academy

A student wishing to enroll in the Biotechnology curriculum must meet the following standards related to employability, personal and professional success:

Interpersonal skills and teamwork – The ability to work effectively with others, especially to analyze situations, establish priorities and apply resources for solving problems or accomplishing tasks.

Communication – The ability to effectively exchange ideas and information with others through oral, written or visual means.

Integrity and professionalism – Workplace behaviors that relate to ethical standards, honesty, fairness, respect, responsibility, self-control, criticism and demeanor.

Problem-solving – The ability to identify problems and potential causes while developing and implementing practical action plans for solutions, as well as skills involving basic math, the use of a calculator and the ability to interpret word problems.

Initiative and dependability – Workplace behaviors that relate to seeking out new responsibilities, establishing and meeting goals, completing tasks, following directions, complying with rules and consistent reliability.

Information processing – The ability to acquire, evaluate, organize, manage and interpret information and to pay attention to detail.

Adaptability and lifelong learning – The ability to learn and apply new knowledge and skills and adapt to changing technologies, methods, processes, work environments, organizational structures and management practices.

Entrepreneurship – The knowledge and skills necessary to create opportunities and develop as an employee or self-employed business owner.

An Employability Skills Resource Toolkit at www.nc-net.info/teaching-employability-skills/ has been developed by NC-NET for these competencies.