University of New Hampshire at Manchester

Nashua Community College

Academic Year 2020-2021

Electrical Engineering Technology Dual Admission

We have partnered with Nashua Community College to offer a Dual Admissions Agreement that allows you to be jointly admitted to both NCC and UNH Manchester. We make it easy with one application form, one admission process and one application fee.

Students must take these courses at NCC…	To fulfill these UNH degree requirements…
ELET 121 – Digital Circuits I	ET 421- Digital Electronics I
ELET 131 – Circuit Analysis I	ET 431- Circuit Analysis I
ENGL 101 – College Composition	Discovery writing skills course
MATH 110 – Algebra and Trigonometry	No transfer credit
PSYC 130 – Human Relations	Elective Credit
ELET 132 – Circuit Analysis II	ET 432 – Circuit Analysis II
ELET 141 – Electronics I	ET 541- Electronic Devices
ENGL 103 – Prof. Writing and Presentations	Elective credit
MATH 120 – Pre-calculus	MATH 418 – Analysis & Applications of Functions
CSCI 175 – Intermediate Programming C++	COMP 424 – Applied Computing 1: Foundations of Programming
ELET 250 – Microcontrollers	ET 590 – Embedded Microcontrollers
ELET 241 – Electronics II	ET 542 – Analog Electronics
HUMA 230 – Ethics in the Workplace	Elective credit
MATH 210 – Calculus I	MATH 425 – Calculus I Discovery Quantitative Reasoning course
PHYS 130 – Physics I	Discovery Physical Science/ DLAB course Fulfills Major Physics requirement
ELET 221 – Advanced Digital Circuits	ET 522- Digital Electronics II
ELET 274 – ELET Capstone Project	Elective credit
PHYS 131 – Physics II	Elective credit
ELET 245 – Communications Theory and/or MATH 211 – Calculus II	Elective credit

Note: Download the list of NCC courses that fulfill requirements for UNH's Discovery Program at manchester.unh.edu/pathways in the NCC accordion under "General Education."

Course titles, names and/or sequencing are subject to change.

University of New Hampshire at Manchester • 88 Commercial Street, Manchester, NH 03101
Office of Admissions: 603-641-4150 • unhm.admissions@unh.edu • manchester.unh.edu/pathways

Once you've finished your associate degree at NCC and earned C or better in all major courses, complete the following requirements at UNH Manchester to receive your bachelor's degree.

Major Course Requirements:
CHEM 405 – Chemical Principles for Engineers
COMP 560 – Ethics and Law in the Digital Age
ECN 411 – Introduction to Macroeconomic Principles
ET 625 – Technical Communications
ET 671 – Digital Systems
ET 674 – Control Systems and Components
ET 677 – Analog Systems
ET 680 – Communication and Fields
ET 781 – Automation Engineering
ET 788 – Introduction to Digital Signal Processing
ET 790 – Microcomputer Technology
ET 791 – Electrical Engineering Technology Project [1]

1. ET 791 is a two-semester Senior Capstone Project.

Remaining Discovery Program Course Requirements:
Discovery biological sciences course
Discovery world cultures course
Discovery environment, technology and society course
Discovery historical perspectives course
Discovery fine and performing arts course

University Degree Requirements:
Elective courses to fill remaining credits required for bachelor's degree (128 total)
University writing requirement*

* Bachelor degree candidates are required to complete four writing-intensive courses, which must include: English 401 – First Year Writing (or equivalent transfer English composition course) and three additional writing-intensive courses, one in the student's major and one at the 600-level or above.

An advisor at UNH Manchester will provide you with the best possible guidance for course selections each term.

Please also note:

- UNH Manchester accepts a maximum of 72 credits in transfer from 2-year institutions. Only courses completed with a grade of C or better will be accepted as transfer credits.
- Students must earn a minimum overall grade point average of 2.50 at NCC to be eligible for dual enrollment at UNH Manchester.

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