

PROGRAMS OF STUDY

The following section of the catalog is a description of all programs of study offered at Northshore Technical Community College. The curricula area is accurate and complete as possible at the time of publication of this catalog. Since this catalog was prepared, some programs may have been added or deleted, and/or changes in curricula may have been made.

Programs of Study:

- Air Conditioning & Refrigeration (<https://catalog.northshorecollege.edu/programs-study/air-conditioning-refrigeration/>)
- Automotive Technology (<https://catalog.northshorecollege.edu/programs-study/automotive-technology/>)
- Building Technology Specialist (<https://catalog.northshorecollege.edu/programs-study/building-technology-specialist/>)
- Business Office Administration (<https://catalog.northshorecollege.edu/programs-study/business-office-administration/>)
- Care and Development of Young Children (<https://catalog.northshorecollege.edu/programs-study/care-development-young-children/>)
- Criminal Justice (<https://catalog.northshorecollege.edu/programs-study/criminal-justice/>)
- Culinary Arts and Occupations (<https://catalog.northshorecollege.edu/programs-study/culinary-arts-occupations/>)
- Diesel Powered Equipment Technology (<https://catalog.northshorecollege.edu/programs-study/diesel-powered-equipment-technology/>)
- Drafting and Design Technology (<https://catalog.northshorecollege.edu/programs-study/drafting-design-technology/>)
- Electrician (<https://catalog.northshorecollege.edu/programs-study/electrician-industrial/>)
- Electric Line Technology (<https://catalog.northshorecollege.edu/programs-study/electric-line-technology/>)
- Information Technology (<https://catalog.northshorecollege.edu/programs-study/information-technology/>)
- Machine Tool Technology (<https://catalog.northshorecollege.edu/programs-study/machine-tool-technology/>)
- Maritime Technology (<https://catalog.northshorecollege.edu/programs-study/maritime-technology/>)
- Medical Assistant (<https://catalog.northshorecollege.edu/programs-study/medical-assistant/>)
- Patient Care Technician (<https://catalog.northshorecollege.edu/programs-study/patient-care-technician/>)
- Pharmacy Technician (<https://catalog.northshorecollege.edu/programs-study/pharmacy-technician/>)
- Practical Nursing (<https://catalog.northshorecollege.edu/programs-study/practical-nursing/>)
- Veterinary Technology (<https://catalog.northshorecollege.edu/programs-study/veterinary-technology/>)
- Welding (<https://catalog.northshorecollege.edu/programs-study/welding/>)

**Listing of a program does not necessarily mean that enrollment is accepted every semester. Program availability and start dates vary.*

Degree Audit Worksheets:

A degree audit is an unofficial report on a student's progress through a program curriculum. It displays the requirements of the degree, technical diploma, and/or certificate along with concentrations students have declared by applying the student's coursework to the degree, technical diploma, and/or certificate requirements and evaluating the progress toward completion. Worksheets for each program of study are available on the NTCC website. The catalog listing is the official source of information related to requirements.

- Go to Degree Audit Worksheet Webpage (<https://www.northshorecollege.edu/academic-affairs/degree-audit/>)

Master Course Syllabus:

Master syllabus templates contain the base information for each course offered by the college. Though the final version used within a specific section of a course is subject to change by the assigned faculty member, the master syllabus includes the minimum elements required for a formal syllabus. Master syllabi are accessible and published on NTCC website:

- Go to the Master Syllabi webpage (<https://www.northshorecollege.edu/academic-affairs/master-syllabus/>).

College Policies:

In addition to requirements and stipulations included in the College Catalog, official college policies may also contain expectations related to degree completion and enrollment at the college. Official Academic Affairs and Student Affairs related policies are accessible and published on the college website:

- Go to the Academic Affairs Policies webpage (<https://www.northshorecollege.edu/academic-affairs/>).
- Go to the Student Affairs Policies webpage (<https://www.northshorecollege.edu/student-affairs/index/>).

General Education Core:

The purpose of the general education core at NTCC is to provide students with a well-rounded educational experience. The general education core is a required component of associate degree programs at NTCC. The college requirement for the general education core is a minimum of 15 credit hours, with three credit hours in each core category (English Composition, Mathematics, Natural Science, Behavioral Science, and Humanities). Elective options in each category are outlined below.

The learning outcomes for NTCC's general education core include:

1. Communicate effectively through reading, writing, speaking, and listening.
2. Apply skills demonstrating proficiency in mathematics, quantitative reasoning, analysis, logical reasoning and problem-solving.
3. Demonstrate knowledge of the scientific nature of the world and the role of the natural sciences as it pertains to their health and well-being.
4. Develop an appreciation of significant ideas and achievements in literature, art, music, and media and to give them an introduction to the knowledge base.

5. Develop an understanding of the diversity of the human experience through the study of social, historical, cultural, economic and political systems.
6. Acquire an appreciation for and skill in information literacy and the use of computer-based technology for communication, research and problem-solving.

Student achievement related to student learning outcomes is assessed systematically and results are made available on the Program Assessment Planning webpage (<https://www.northshorecollege.edu/planning-assessment/program-assessment-plans/>).

Core Requirements and Elective Options:

English Composition (3 credits)

Code	Title	Hours
ENGL 1015	English Composition I	3
ENGL 1015A	English Comp I w/Suppl. Instr.	4
ENGL 1025	English Composition II	3

Mathematics (3 credits)

Code	Title	Hours
MATH 1005	College Algebra Fundamentals	5
MATH 1015	College Algebra	3
MATH 1500	Finite Math	3,4
MATH 1620	Plane Trigonometry	3
MATH 1630	Applied Calculus	3
MATH 1650	Pre-Calculus with Trigonometry	5
MATH 2410	Elementary Statistics	3

Natural Science (3 credits)

Code	Title	Hours
BIOL 1010	Introduction to Biology I	3
BIOL 1020	Introduction To Biology II	3
BIOL 1100	Gen Biology I (Science Major)	3
BIOL 1110	Environmental Biology	3
BIOL 1200	Gen Biology II (Science Major)	3
BIOL 2200	Human Anatomy & Physiology I	3
BIOL 2230	Medical Microbiology	3
BIOL 2300	Human Anatomy & Physiology II	3
CHEM 1010	Gen Chemistry I NonScience Mjr	3
CHEM 1100	Gen Chemistry I (Sci Majors)	3
CHEM 1200	Gen Chemistry II (Sci Majors)	3
PHYS 1010	Elementary Physics	3

Behavioral Science (3 credits)

Code	Title	Hours
ECON 2010	Principles of Macroeconomics	3
ECON 2020	Principles of Microeconomics	3
PSYC 1500	Psy of Addict Behave&Sub Abuse	3
PSYC 2015	Introduction To Psychology	3
PSYC 2040	Developmental Psychology	3
PSYC 2100	Social Psychology	3
SOCL 2015	Introduction to Sociology	3
SOCL 2120	Social Problems	3

SOCL 2220	Marriage and Family	3
SOCL 2420	Stratification and Inequality	3

Humanities (3 credits)

Code	Title	Hours
ENGL 2010	British Literature	3
ENGL 2020	American Literature	3
ENGL 2030	World Literature	3
HIST 1010	Western Civilization I	3
HIST 1020	Western Civilization II	3
HIST 1500	World Hist Perspective of Oil	3
HIST 2010	American History	3
HIST 2020	American History II	3
HIST 2100	History of Louisiana	3
HMAN 2015	Humanities for Leaders	3

Degrees, Diplomas and Exit Points:

Exit level designations for these programs are as follows:

- **CTC - Career and Technical Certificate:** an applied skills program (6-18 SCH) that provides specific, meaningful technical skills relative to employment readiness and designed towards preparation for an industry-based certification (IBC).
- **CTS - Certificate of Technical Studies:** an applied, technical program (16-33 SCH) to provide a student with a broad technical competency in a specific area or field.
- **TD - Technical Diploma:** an applied, technical program (45-60 SCH) usually formed by combining multiple CTSs and/or CTCs.
- **AAS - Associate of Applied Science Degree:** an applied degree program, with a limited general education core component, primarily designed to prepare students for immediate employment or career entry.

Degrees, technical diplomas, and certificates earned are recorded on the transcript upon verification of award requirements. Associate degrees have general education requirements.

Provost Welcome Message

Welcome to the new academic year! As a life-long resident of the Northshore, it's truly an honor and blessing to serve our Northshore communities. With another academic year approaching, it is important to reflect on our College Mission and how we can put our mission into practice each and every day. Our mission is to provide workforce training and transfer opportunity to students seeking a competitive advantage in today's global economy. Our programs and services are student-centered and are the core of our College. With expanding facilities in Lacombe and Walker this fall, we will continue to increase access to affordable learning and career opportunities across the Northshore. We are thankful for the many faculty and staff that are so dedicated to our mission and building a stronger future for our students. For everyone that's a part of the Northshore family, keep striving for excellence in all that you do!

Daniel Roberts, PhD
Provost & Vice Chancellor of Academic Affairs