

Information about the Computer Science Transfer Pathway:

The list below documents courses approved for transfer between Northshore Technical Community College and Southeastern Louisiana University through the State of Louisiana Board of Regents Master Course Articulation Matrix (<http://www.regents.la.gov/page/master-course-articulation-matrix>). Articulation agreements are subject to change.

Northshore Technical Community College students who have completed the Computer Science Pathway will be admitted as sophomores into Southeastern Louisiana University provided they meet Southeastern’s transfer admissions requirements.

The total number of credit hours required to complete a Baccalaureate degree in Biological Sciences at SLU is 120 credit hours. An NTCC student who successfully transfers to SLU will earn a Baccalaureate degree in Biological Sciences from the College of Science & Technology upon successfully completing the additional required course work at SLU and meeting all college and University degree requirements.

You can learn more about Southeastern’s Bachelor of Science in Computer Science at the following webpage: http://www.southeastern.edu/acad_research/depts/cs_it/undergrad_degree/cmeps/index.html.

If you have any questions about courses or transfer articulation, please email admissions@northshorecollege.edu.

Pathway to Computer Science Course Guide

Northshore Technical Community College and Southeastern Louisiana University

| First Semester | | | |
|---------------------|---|--------------|---|
| NTCC | Common Course Title / Elective Options | SLU | ✓ |
| ENGL 1015 | English Composition I | ENGL 101 | |
| MATH 1015 (or 1005) | College Algebra (or College Algebra Fundamentals) | MATH 161 | |
| Fine Art Elective | ARTS 1010, ARTS 1020, MUSC 1010, or THEA 1010 | Art Elective | |
| SPCH 1015 | Introduction to Public Speaking | COMM 211 | |
| BIOL 1100 ** | General Biology I (<i>Science Majors</i>) | GBIO 151 | |
| BIOL 1015 ** | Biology Lab (<i>Science Majors</i>) | BIOL 152 | |

| Second Semester | | | |
|---------------------|--|------------|---|
| NTCC | Common Course Title / Elective Options | SLU | ✓ |
| MATH 1650 | Precalculus with Trigonometry | MATH 165 | |
| ENGL 1025 | English Composition II | ENGL 102 | |
| CPTR 1200 | Problem Solving & Programming Techniques | CMPS 120 | |
| BIOL 1200 | Introduction to Biology II (<i>Science Majors</i>) | GBIO 153 | |
| BIOL 1025 | Biology Lab II (<i>Science Majors</i>) | BIOL 154 | |
| Humanities Elective | HIST 1010, 1020, 2010, or 2020 | Humanities | |

| Third Semester | | | |
|------------------------------|--|-----------------|---|
| NTCC | Common Course Title / Elective Options | SLU | ✓ |
| CPTR 1300 | Intro to Java Programming | CMPS 161 | |
| ECON 2010 or 2020 | Principles of Macro Economics (or) Micro Economics | ECON 201/202 | |
| English Literature Elective | ENGL 2010, 2020, or 2030 | English Lit | |
| Behavioral Sciences Elective | PSYC 2015, PSYC 2040, or SOCL 2015 | Social Sciences | |
| MATH 2000 | Calculus I | MATH 200 | |

Notes:

** Must complete two course sequence

Credit Hour Breakdown:

- Total Credits Earned at NTCC: 51
- Remaining Credits for Bachelor's Degree to be completed at SLU.

Pathway to Computer Science Articulation Agreement

BETWEEN

THE COLLEGE OF SCIENCE AND TECHNOLOGY
SOUTHEASTERN LOUISIANA UNIVERSITY

AND

NORTHSHORE TECHNICAL COMMUNITY COLLEGE

2018 - 2019

Purpose

Southeastern Louisiana University (Southeastern) and Northshore Technical Community College (NTCC) have entered into this articulation agreement establishing a transferable pathway for NTCC students to become eligible for direct admission into Southeastern. This pathway provides students with a transparent and systematic outline for successfully completing a baccalaureate degree from Southeastern in Computer Science. The institutions will partner to facilitate student access through a seamless and concurrent blend of curricula.

Program

Northshore Technical Community College students who have completed the Computer Science Pathway will be admitted as sophomores into Southeastern Louisiana University provided they meet Southeastern's transfer admissions requirements.

The total number of credit hours required to complete a baccalaureate degree in Computer Science at Southeastern is 120 credit hours. An NTCC student who successfully transfers to Southeastern will earn a baccalaureate of science in Computer Science upon successfully completing the additional required course work at Southeastern and meeting all college and University degree requirements.

NTCC students will follow the requirements in the Southeastern General Catalogue of record at the time they enroll at NTCC provided it is not older than academic year 2016-2017 and provided there was no break in enrollment for one regular semester (fall or spring) at NTCC not including summer sessions.

In order to graduate from Southeastern, students must achieve a minimum cumulative grade point average of 2.0 in all course work, on all work attempted at Southeastern and all courses in the major, and meet all university requirements.

Enrollment Management

Some courses in this program may require prerequisites. See NTCC and Southeastern General Catalogues for specific requirements.

Awarding of transfer credit from NTCC to Southeastern is conditional upon (1) courses having been taught by SACSCOC qualified faculty and (2) verification that course content and expected student learning outcomes are comparable to the relevant Southeastern courses as determined by the relevant academic departments and colleges.

NTCC and Southeastern mutually agree to review and approve together all student recruitment materials and events pertaining to the Computer Science Pathway as defined in this agreement. NTCC and Southeastern will participate in joint recruitment activities that include but are not limited to high school visits and presentations, community outreach events, and on-campus orientations.

Workforce Development

The Computer Science Pathway between Southeastern and NTCC helps to ensure that both institutions are being proactive in addressing challenges in the economy and resulting changes in the higher education landscape. In addition, the partnership ensures the participating institutions are responsive to relevant workforce needs of our local, state, and regional industry partners. As a result, NTCC and Southeastern mutually agree to include a representative from both institutions for program advisory meetings, industry partnerships meetings, economic development meetings, and chamber meetings when relevant to the Computer Science Pathway.

Course Equivalencies:

| Fall Semester (1st semester) | | SOUTHEASTERN Equivalent | |
|--|-----------|---|-----------|
| ENGL 1015 English Composition I | 3 | ENGL 101 Composition I | 3 |
| MATH 1015 College Algebra | 3 | MATH 161 College Algebra | 3 |
| Fine Art Elective: ARTS 1010 Survey of World Art History I, ARTS 1020 Survey of World Arts History II, or MUSC 1010 Music Appreciation | 3 | ART 105 Survey of World Art History I, ART 106 Survey of World Art History II, or MUS 151 Introduction to Music | 3 |
| SPCH 1015 Introduction to Public Speaking | 3 | COMM 211 Introduction to Public Speaking | 3 |
| ** BIOL 1100 General Biology I | 3 | GBIO 151 General Biology I | 3 |
| ** BIOL 1015 General Biology Lab I | 1 | BIOL 152 General Biology Lab I | 1 |
| | 16 | | 16 |

| Spring Semester (2nd Semester) | | SOUTHEASTERN Equivalent | |
|--|-----------|---|-----------|
| MATH 1650 Pre-calculus with Trigonometry | 5 | MATH 165 Pre-calculus with Trigonometry | 5 |
| ENGL 1025 English Composition II | 3 | ENGL 102 Critical Reading and Writing | 3 |
| CPTR 1200 Problem Solving and Programming Techniques | 3 | CMPS 120 Visual Programming | 3 |
| BIOL 1200 General Biology II | 3 | GBIO 153 General Biology II | 3 |
| BIOL 1025 General Biology Lab II | 1 | BIOL 154 General Biology Lab II | 1 |
| Humanities Elective: HIST 1010 Western Civilization I, HIST 1020 Western Civilization II, HIST 2010 American History I, or HIST 2020 American History II | 3 | HIST 101 Western Civilization to 1500, HIST 102 Western Civilization since 1500, HIST 201 American History to 1877, or HIST 202 American History since 1877 | 3 |
| | 18 | | 18 |

| Fall Semester (3rd Semester) | | SOUTHEASTERN Equivalent | |
|--|-----------|---|-----------|
| CPTR 1300 Introduction to Java Programming | 3 | CMPS 161 Algorithm Design and Implementation I | 3 |
| ECON 2010 Principles of Macro Economics or ECON 2020 Principles of Micro Economics | 3 | ECON 201 Principles of Econ- Macro or ECON 202 Principles of Econ – Micro | 3 |
| ENGL 2010 British Literature or ENGL 2020 American Literature or ENGL 2030 World Literature | 3 | ENGL 230 World Literature or ENGL 231 English Literature or ENLG 232 American Literature | 3 |
| PSYC 2015 Introduction to Psychology, PSYC 2040 Developmental Psychology, or SOCL 2015 Introduction to Sociology | 3 | PSYC 101 General Psychology I, PSYC 204 Developmental Psychology, or SOC 101 Introductory Sociology | 3 |
| MATH 2000 Calculus I | 5 | MATH 200 Calculus I | 5 |
| | 17 | | 17 |
| Total NTCC | 51 | Total SOUTHEASTERN | 51 |

** Must complete two course sequence

Program Evaluation

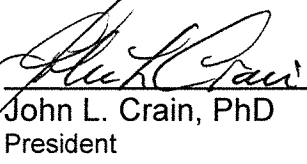
Once every two academic years, Southeastern faculty and staff will meet with NTCC faculty and staff to review current curriculum and course offerings and present any changes to the curriculum outlined in this agreement prior to implementing the proposed changes. This meeting will include a review of Computer Science Pathway students' performance in upper-level computer science courses relative to that of continuing Southeastern students. Both Southeastern and NTCC will agree upon mutually approved strategies for future program growth and development.

Program Renewal


This agreement will be renewed every three years from the date of signing and will be continued, modified or terminated upon mutual agreement of the parties.

**Southeastern Louisiana University
(Southeastern)**

**Northshore Technical Community College
(NTCC)**



John L. Crain, PhD 3/19/18 Date
President



William S. Wainwright, PhD 3/19/18 Date
Chancellor