

Transfer Articulation Agreement

**Between Southern Nazarene University, hereafter referred to as SNU, and
Oklahoma Christian University, hereafter referred to as OC**

1. Introduction to Specify Programs and Institutions

This Agreement supports the transfer of students with the BS - Multidisciplinary Engineering Science degree from SNU, transferring into the following degree at OC: BS Mechanical Engineering. SNU graduates who have earned the Engineering Science degree since Spring 2023 are covered by this agreement.

2. Statement of Intent

The intent of this agreement is to facilitate attainment of an ABET accredited engineering degree for students transferring from SNU in the above program(s). The combination of courses required to complete the Multidisciplinary Engineering Science degree so noted have been identified as providing the student with sufficient rigor and content to facilitate their success at OC.

3. Statement of the Basic Agreement

OC agrees to accept credits for students who have completed an Engineering Science degree at SNU as outlined in attached Sample Plan of Study. Further, SNU agrees to accept courses provided by OC, as specified to fulfill the requirements of SNU's Engineering Science degree. These documents are hereby incorporated and made a part of this Agreement. This Agreement does not apply to students transferring with a different degree from SNU or choosing a different major or program at OC; such students may be evaluated for admission to OC on a case-by-case basis.

4. Term and Termination

This Agreement shall commence December 1, 2022 or on the date of the last signature entered in the Contract Administration section, whichever is later, and shall terminate July 1, 2032, unless terminated earlier as provided elsewhere in this Agreement. This Agreement may be renewed by the mutual written agreement of the parties for additional terms, not to exceed five (5) years. Either party may terminate or suspend this Agreement for convenience upon sixty (60) days' written notice; provided, however, that the parties shall discuss and reasonably attempt to resolve the issues that led to the notice of termination or suspension during the sixty-(60)-day period. Notwithstanding the termination of the Agreement, any student who has applied for transfer from SNU to OC prior to or during the sixty-(60)-day period shall be treated as if this Agreement continues to be in effect.

5. Changes in Curriculum or Program Requirements

- a. Changes made to relevant curriculum at either SNU or OC will necessitate review of the programs at both institutions to determine if modification of Agreement is necessary. If**

deemed appropriate, a new agreement will be generated and signed. Curriculum changes by either SNU or OC must be communicated in writing no later than June 30 of any academic year by the individuals identified in Contract Maintenance.

- b. Each partner assumes responsibility for informing their students of curricular revisions that would impact student planning and/or degree completion. In the event graduation requirements for the bachelor's degree at OC change within this time, the standards and practices established by OC to cover such a change will apply to transferring students.

6. Admission and Matriculation

- a. This Agreement does not guarantee admission to OC or admission to any specific program or major at OC. Students shall apply for admission to OC in accordance with rules, policies, and procedures of OC in effect at the time of application.
- b. The catalog under which the student will graduate from OC will be determined by the policies and practices in place at OC.
- c. As appropriate, courses transferred may fulfill OC requirements. Nevertheless, students will be responsible for completing all graduation requirements of OC in effect at the time of graduation in order to earn a bachelor's degree. Students are urged to work with an academic advisor at OC prior to and after transfer in order to plan an efficient course of study for the bachelor's degree. The School of Engineering will assign an advisor.

7. General Provisions

- a. In carrying out the responsibilities and obligations of this Agreement, neither party shall be acting as the agent or principal of the other with regard to dealings with third parties, including students. Neither party shall have the authority to make any statements, representations, nor commitments of any kind or to take any action binding the other except as provided for herein or authorized in writing by the party to be bound.
- b. This Agreement constitutes the entire Agreement between the parties. No waiver, consent, modification, or change of terms of this Agreement shall bind either party unless in writing and signed by both parties.

8. Contract Administration

- a. **Primary Substantive Agreement Contacts**

For Oklahoma Christian University:

Name: Dr. Jeff McCormack, Chief Academic Officer

Address: 2501 E. Memorial Road, Oklahoma City, OK 73013

Phone: 405.425.5469

E-mail: jeff.mccormack@oc.edu

For Southern Nazarene University

Name: Dr. Tim Eades, Provost and Chief Academic Officer

Address: 6729 NW 39th Expressway, Bethany, OK 73008

Phone: 405.491.6300 E-mail: teades@mail.snu.edu

9. Contract Maintenance

- a. This Agreement does expire as outlined in section 4, and must be routinely reviewed and re-executed in order to ensure its continued relevance and viability.
- b. This Agreement shall be reviewed annually by the parties listed in 8 b. unless significant curriculum and/or program changes mandate an earlier review—in which case, the parties in 8 b. shall alert the principals identified in 8 a. that changes impacting (or potentially impacting) this agreement have occurred.

10. Signatures a. The parties hereto have executed this Agreement on the day and year of the last date accompanying the signatures.

For Oklahoma Christian University

By (Sign)  Date: 2/23/23

Name: Jeff McCormack, Chief Academic Officer

For Southern Nazarene University

By (Sign)  Date: 2-20-23

Name: Tim Eades, Chief Academic Officer

SNU Multidisciplinary Engineering Science Degree Plan

SNU allows students to seek a multidisciplinary concentration designed from two or more areas related to the student's declared life objectives. Under the multidisciplinary concentration, the student will complete not less than 60 credit hours in courses from two or more academic areas (departments, schools, academic programs). A minimum of 20 credit hours or the prescribed minor must be completed in each academic area. Based on completion requirements for ABET-certified engineering programs not offered at SNU, the university has developed a partnership with Oklahoma Christian University in which a combination of courses offered by SNU and courses offered by OC will be transferred between the two institutions that will lead to the award of a BS in Multidisciplinary Engineering Science from SNU. As specified, completing further coursework will lead to the awarding of a BS in Mechanical Engineering from OC.

Multidisciplinary Engineering Science Intended Learning Outcomes

Students who complete the multidisciplinary degree will be able to

- Demonstrate mathematics, physics, and engineering knowledge at a level that will provide a context for their career choice and/or graduate study.
- Demonstrate an understanding of how mathematical, physics, and engineering concepts interconnect.
- Apply various appropriate problem-solving strategies individually and as part of a group.
- Demonstrate ability to engage with others in a professional, culturally responsive manner in one-on-one interpersonal and team settings.

General Education (49 credits)

ENGL 1113 Composition I

ENGL 1213 Composition II or HON 2113 Academic Writing and Research

SPC 1113 Introduction to Speech or HON 2123 Professional Speaking

GS 1113 Computer Applications (fulfills BME Engineering Computing requirement)

FA 1413 Aesthetics

HP 1513 Modern World

MATH 1513 College Algebra (or a waiver with the equivalent in HS preparation)

THEO 1513 Christian Faith and Life

BLT 2013 Old Testament Literature and Life or BLT 2023 New Testament Literature and Life

THEO 3053 Foundations of Christian Beliefs

HP 1113 American Federal Government or HP 1483 US History I or HP 1493 US History II

PEG 1002 Health and Wellness

Elective in Effective Communication

Elective in Artistic Expression

Elective in Global Perspective

Elective in Social Responsibility

General Education Electives 2 credit hours

BS in Multidisciplinary Concentration for Engineering Science (71 credits)

Math and Science Courses (to be completed at SNU) (49 credits)

CHEM 1124 General Chemistry I* (fulfills SNU GE Science & Tech Window requirement)
CSNE 2444 Introduction to Computer Science I
MATH 2324 Calculus I* (fulfills SNU GE Critical Thinking Window requirement)
MATH 2424 Calculus II
MATH 2524 Calculus III
MATH 3113 Differential Equations
MATH 3143 Probability and Statistics I
PHYS 2114 General Physics for Scientists and Engineers I
PHYS 2214 General Physics for Scientists and Engineers II
PHYS 3213 Quantum Physics I
PHYS 3993 Fluid Mechanics
PHYS 4133 Classical Mechanics I (or ENGR 2313 Statics from OC)
PHYS 4143 Classical Mechanics II (or ENGR 2523 Dynamics from OC)
PHYS 4213 Statistical Mechanics (or ENGR 2433 Thermodynamics I from OC)

Engineering Courses (to be transferred from OC) (22 credits)

ENGR 1251 Introduction to Solid Modeling
ENGR 2533 Strength of Materials
MECH 1001 Mechanical Engineering Experience 1
MECH 1011 Mechanical Engineering Experience 2
MECH 2001 Mechanical Engineering Experience 3
MECH 2011 Mechanical Engineering Experience 4
MECH 3001 Mechanical Engineering Experience 5
MECH 3011 Mechanical Engineering Experience 6
MECH 2623 Mechanical Engineering Circuits
MECH 3403 Engineering Materials
MECH xxx1 Manufacturing Lab
MECH 4213 Machine Design
MECH 4732 System Design I

In addition to the courses listed above, completion of the following courses (23 credits) fulfills the requirements to be awarded the **BME in Mechanical Engineering** at OC

MECH 4523 Finite Element Analysis
MECH 4243 Heat Transfer
MECH 4743 Systems Design II
MECH 4753 Systems Design III
MECH 4001 Mechanical Engineering Experience 7
MECH 4011 Mechanical Engineering Experience 8

Mechanical Engineering Electives (9 credits) chosen from:

MECH 4003 Robotics and Automation

MECH 4153 Principles of Additive Manufacturing

MECH 4313 Aerodynamic Design

MECH 4533 Vibrations Theory and Application

MECH 4623 Advanced Engineering Materials