



BACHELOR OF TECHNOLOGY



Advance your career by earning a bachelor's degree in Civil Engineering Technology through the Tulsa Community College and OSU Institute of Technology Bachelor of Technology Partnership Pathway.

This pathway was created for individuals who wish to pursue rewarding, successful careers in the high-demand field of civil engineering technology. Through the TCC/OSUIT partnership, students pursuing TCC's Associate in Applied Science in Engineering Technology may seamlessly transfer and apply up to sixty-five (65) credit hours toward the OSUIT Bachelor of Technology in Civil Engineering Technology program. The remaining coursework, listed below, will be completed through OSUIT.

BT General Education Requirements: 7 hours

ORIE 1011 College Strategies and
*ENGL 3323 Technical Writing III and

†Three hours of humanities, social science,
foreign language or fine arts coursework

BT Technical Requirements: 54 hours

*ETDG 1192 Applied AutoCAD and
*CET 2103 Construction Management & Economics and
*CET 2123 Properties of Soils and
*CET 2212 Transportation and
*CET 3114 Strengths of Materials & Structural Analysis and
*CET 3123 Dynamics and
*CET 3213 Steel Structures and
*CET 3313 Fluid Mechanics/Hydraulics and

*CET 3533 Engineering Mathematics and
*CET 3543 F.E. Exam Review and
*CET 4213 Reinforced Concrete Design and
*CET 4224 Hydrology and
*CET 4233 Water/Waste Water and
*CET 4413 Capstone and
*CET 4812 BT Internship

*Has a prerequisite | †Contingent on coursework completed through TCC

TOTAL: 61 HOURS

FIND OUT MORE

Contact OSUIT Information Technologies Division
918.293.5440 or infotech@okstate.edu

Contact TCC Business, Information & Engineering Technology Division
918.595.7439 or pat.green@tulsacc.edu

REQUIREMENTS

Tulsa Community College

OSU Institute of Technology

GENERAL EDUCATION REQUIREMENTS: 42 HOURS

English Composition: 6 hours

*ENGL 1113 Composition I and
*ENGL 1213 Composition II

*ENGL 1113 Freshman Composition I and
*ENGL 1213 Freshman Composition II

Speech: 3 hours

SPCH 1113 Speech Communication I or
SPCH 2103 Interpersonal Communication

SPCH 1113 Introduction to Speech or
SPCH 2313 Small Group Communications

U.S. History: 3 hours

HIST 1483 U.S. History 1492 to the Civil War Era or
HIST 1493 U.S. History Civil War Era to the Present

HIST 1483 U.S. History to 1865 or
HIST 1493 U.S. History since 1865

U.S. Government: 3 hours

POLS 1113 American Federal Government

POLS 1113 U.S. Government

Mathematics: 13 hours

*MATH 1513 College Algebra and
*MATH 1613 Plane Trigonometry and
*MATH 2114 Analytic Geometry and Calculus I and
*MATH 2124 Analytic Geometry and Calculus II

*MATH 1513 College Algebra and
*MATH 1613 Trigonometry and
*MATH 2144 Calculus I and
*MATH 2153 Calculus II

Science: 8 hours

*PHYS 1114 General Physics I or
*PHYS 2034 Engineering Physics I and
*CHEM 1315 General Chemistry I

*PHYS 1114 General Physics I and

*CHEM 1314 General Chemistry I

Additional General Education Coursework: Up to 6 hours

Three hours of social science, foreign language or
fine arts coursework and/or
PHIL 1143 Introduction to Ethics and/or
Three hours of humanities coursework

Three hours of social science, foreign lang. or
fine arts coursework and/or
PHIL 1213 Ethics and/or
Three hours of humanities coursework

TECHNICAL REQUIREMENTS: 23 HOURS

DRFT 1324 Engineering Drawing with CAD or
*ENGR 1132 Engineering Design with CAD and
*DRFT 1363 Civil Drafting and Design and
*ENGR 2103 Engineering Statics and
*SURV 1324 Surveying I and

SURV 2363 Land Law I and
*SURV 2373 Land Law II and
GIS/GEOG 2344 Intro. to Geographic Info. Systems and
*SURV 2224 Route Surveying and Res. Sub. Des.

*ETDG 1143 Introduction to Design/Drafting and

*ETDG 2663 Civil Technology Applications and
*CET 2323 Statics and
*SURV 1011 Introduction to Surveying and
*SURV 2303 Surveying I and
*SURV 2223 Land Law II and
SURV 1223 Land Law I and
ETDG 2674 Civil Drafting

*Course has a prerequisite

TOTAL: 65 HOURS