



Mechanical Engineering or Materials Science & Engineering Completion Program

Students who complete an **AS degree** in Engineering University Transfer at Sinclair Community College may transfer into the Mechanical Engineering or Materials Science & Engineering programs at Wright State University. Students should verify their satisfactory academic progress (SAP) requirements with the financial aid office before pursuing classes outside of their AS.

Admission Requirements to this program at Wright State

1. Cumulative GPA of 2.25, and
2. Grade of C or higher in Sinclair's ENG 1101, EGR 1101 or MAT 2270, and PHY 2201/2207 or CHE 1211/1251, as well as ME 1020 at Wright State.

Additional Information

- All student must earn a minimum of 30 hours in residence at Wright State to complete a baccalaureate degree.

This agreement will expire two years from date of signature.

Thomas Sudkamp 5/17/2015

Dr. Thomas Sudkamp
Vice President for Curriculum and Instruction
Wright State University

David L. Collins 5/12/2015

Dr. David L. Collins
Provost
Sinclair Community College

**Sinclair Community College to Wright State University
Mechanical Engineering or Materials Science & Engineering**

Sinclair Course	Credit Hours
CHE 1211/1251 General Chemistry I/Lab	5
COM 2211 Effective Public Speaking Note: Required for the associate, not for the baccalaureate	3
ENG 1101 English Composition I	3
MAT 2270 Calculus & Analytical Geometry I	5
MATH 2280 Calculus & Analytical Geometry II	5
MAT 2330 Differential Equations & Linear Algebra	5
PHY 2201/2207 General Physics I	5
PHY 2202/2208 General Physics II	5
Choose two Ohio Transfer Module Arts/Humanities	6
Choose two Ohio Transfer Module Social/Behavioral Sciences	6
Choose 13 hours of Engineering electives from the following courses Note: All are required at Wright State	13
EGR 1101 Intro to Mathematics for Engineering Applications	4
MATH 2290 Calculus & Analytical Geometry III	5
MEE 2101 Statics for Engineers	3
MEE 2201 Thermodynamics for Engineers	3
MEE 2301 Strength of Materials for Engineers	3
MEE 2401 Dynamics for Engineers	3
TOTAL: 61	

Wright State Course/Requirement	Credit Hours
CHM 1210/1210L General Chemistry I/Lab	5
COM 1010 Essentials of Public Address	3
ENG 1100 Academic Writing and Reading	3
MTH 2300 Calculus I	4
MTH 2310 Calculus II	4
MTH 2350 Differential Equations with Matrix Algebra	4
PHY 2400/2400L General Physics I	5
PHY 2410/2410L General Physics II	5
Arts/Humanities Core and where appropriate	6
Social Science Core	6
EGR 1010 Intro to Mathematics for Engineering Applications	4
MTH 2320 Calculus III	4
ME 2120 Statics	3
ME 3310 Thermodynamics I	3
ME 3120 Mechanics of Materials	3
ME 2210 Dynamics	3

Students may choose to take the following courses to meet additional Wright State requirements before transferring:

MET 1301 Solidworks	3
EGR 2201 Circuit Analysis	4

ME 1040 Engineering Design and Solid Modeling	4
EE 2010/2010L Circuit Analysis I	4

*Engineering students must complete EGR 3350, Technical Communication for Engineers and Scientists, as their second writing course. It is recommended that Sinclair's EUT students take this course through SOCHE cross registration. Engineering students at Wright State must also complete ME 1020, Engineering Programming with MATLAB, as the required programming course.