



**Associate of Science to The Ohio State University
College of Engineering**



This guide is designed for students intending to complete an Associate of Science degree at Columbus State before transferring to OSU.

The Columbus State course number is listed first, with the Ohio State equivalent in brackets.

Students with a specific intended major should consult with an academic advisor at Columbus State and Ohio State to develop an educational plan that most efficiently meets their needs.

For the most current course equivalency information, use u.select at <http://www.transfer.org>.

Freshman Seminar
(CSCC degree requirement)
ASC 190 (2 hrs)

Writing and Related Skills **10 hrs**
First Course
ENGL 101 & 102 [English 110] - **OR** -
ENGL 111 (*by placement only*) [English 110]

Second Course
Select one course from the following:
ENGL 250 [English 367.01] ■
ENGL 251 [English 367.02] ■
ENGL 252 [English 367.02] ■
ENGL 253 [English 367.02] ■
ENGL 254 [English 367.01] ■

Mathematics **10-20 hrs**
MATH 148 [Math 148]
MATH 150 [Math SPL]
MATH 151 [Math 151]
MATH 152 [Math 152]
Completion of MATH152 is required.

Historical Study **5 hrs**
Select one course from the following:
HUM 111 [History 111]
HUM 112 [History Special]
HUM 113 [History Special]
HUM 151 [History 151]
HUM 152 [History 152]
HUM 224 [History 323.02]

Biological & Physical Sciences **10 hrs**
PHYS 177 [Physics 131]
PHYS 178 [Physics 132]
PHYS 179 [Physics 133]
CHEM 171 [Chemistry 121]
CHEM 172 [Chemistry 122]
CHEM 173 [Chemistry 123]
BIO 174 [Biology 113]
BIO 175 [Biology 114]

Social Science **10 hrs**
Select **2 courses** from **2 different sections**:

Individual & Groups
ANTH 201 [Anthropology 201]
ANTH 202 [Anthropology 202]
PSY 100 [Psychology 100]
SOC 210 [Sociology 210]
SOC 280 [Sociology 380]

Organizations & Politics
ECON 240 [Economics 201]
POLS 101 [Political Science 101]
POLS 165 [Political Science 165]
SOC 101 [Sociology 101] ■

Human, Natural, & Economic Resources
ECON 200 [Economics 200] †
GEOG 200 [Geography 200]
SSCI 104 [Geography 240]
† required for certain majors; refer to "Additional OSU Requirements" section

Arts & Humanities **5 hrs**
Select one course from the following:

Literature
ENGL 230 [English 262]
ENGL 235 [English 260]
ENGL 261 [English 201]
ENGL 262 [English 202]
ENGL 264 [English 220]
ENGL 270 [English 281] ■
ENGL 274 [English 275]
ENGL 278 [English 280]
HUM 222 [Classics 222]
HUM 254 [African Am & African Stds 251]

Visual/Performing Arts
ART 101 [History of Art 201]
HUM 245 [Art Education 160]
MUS 101 [Music 251]
THEA 100 [Theatre 100] ■

Cultures & Ideas
ENGL 272 [English 270]
HUM 270 [Comparative Studies 270]
PHIL 101 [Philosophy 101]
PHIL 130 [Philosophy 130]
PHIL 270 [Philosophy 270]

Social Diversity
One social diversity course is required (designated with a ■).

Additional OSU Requirements
In addition to the above requirements, select one additional course from:
- Historical Study
- Social Science (OSU will only count one course per section)
- Arts & Humanities (OSU will only count one course per section)
This course will not apply to your CSCC AS degree requirements.

Based on your intended OSU Engineering major, there are additional courses that can be completed at CSCC:

All Engineering Majors:
MATH 153 [Math 153]
MATH 254 [Math 254]

Aviation
ECON 200 [Economics 200]
MATH 255 [Math 255]
MATH 266 [Math 366]

Aeronautical & Chemical
MATH 285 [Math 415]

Civil
ECON 200 [Economics 200]
MATH 255 [Math 255] - **OR** -
MATH 285 [Math 415]

Computer Science
ECON 200 [Economics 200]
MATH 266 [Math 366]
MATH 277 [Statistics 427]
MATH 278 [Statistics 428]

Electrical
MATH 268 [Math 568]
MATH 277 [Statistics 427]
MATH 285 [Math 415]

Industrial & Systems
ECON 200 [Economics 200]
MATH 255 [Math 255]
MATH 268 [Math 568]
MATH 277 [Statistics 427]
MATH 278 [Statistics 428]

Mechanical
MATH 285 [Math 415]

Foreign Language
Two years of the same language in high school or through the 102 level is a requirement for admission to OSU. ***These course will not apply to your CSCC AS degree requirements.***

ARAB 101-102
CHIN 101-102
FREN 101-102
GERM 101-102
ITAL 101-102
LATN 101-102
SPAN 101-102

Additional Requirements to complete Associate of Science degree (if needed):
To complete the AS degree, you may need to take additional science or math classes to meet the **92 hour** requirement. Utilize Degree Audit (accessible through CougarWeb) to determine how many additional credits are needed to achieve the overall 92 credits required. If you are uncertain about course selection, consult a transfer advisor.