

HEAVY EQUIPMENT OPERATIONS

Associate in Applied Science Checklist

- View the General Education Matrix for a complete list of qualifying courses.
- Fulfill the College Degree Requirements in conjunction with this degree plan.
- Consult an Academic Advisor to ensure all academic requirements are met.

Summary

Prescribed Program	45
General Education	15
Digital Literacy	
Total Credits	60

Degree Plan

Semesters

Course	Title	Credits
Semester I		
Prescribed Program		
HEO 104	Work Site Safety and First Aid	1
HEO 101	Introduction to Construction Theory	2
HEO 289	Construction Solutions and Communication	2
HEO 110	Shop Practices	3
HEO 172	Basic Equipment Theory	3
HEO 172L	Basic Equipment Theory Lab	3
HEO 122	Preventative Maintenance	4
Credits		18
Semester II		
Prescribed Program		
HEO 220	Loader and Backhoe Operations	4
HEO 123	Excavation and Trenching Operations	4
HEO 238	Grading and Dozer Operations	4
HEO 208	Soils and Compaction	4
HEO 178	Survey/Blueprints Practicum	3
Credits		19
Semester III		
Prescribed Program		
HEO 102	Operations and Construction Practicum	5
HEO 252	Project Management	3
Credits		8
Total Credits		45

General Education

Written or Oral Communications

ENGL 110	College Composition I	3
Select from the following:		3
COMM 110	Fundamentals of Public Speaking	
ENGL 120	College Composition II	

ENGL 125	Introduction to Professional Writing	
Credits Subtotal		6
Arts & Humanities/Social & Behavioral Sciences		
Select from the "Arts & Humanities" or "Social & Behavioral Sciences" categories on the General Education matrix.		3
Credits Subtotal		3
Business, Math, Science, & Technology		
Select from the "Business, Math, Science & Technology" categories on the General Education matrix.		6
Credits Subtotal		6
General Education Total Credits		15

Digital Literacy

Select one of the following:

ENGL 110	College Composition I
NDUS Institution Approved Training Course	
NDUS Institution Designated Digital Literacy Course	