

**Advanced Certificate in Building Construction Technologies (ACRTC-HE)**

**Option: Heavy Equipment Operations**

This certificate provides advanced skill levels found in the entry-level technician/journey worker levels of the HEO trade. Applicants with this level of skill can expect to enter the work force at an intermediate pay scale with rapid advancement, based on demonstrated skills required in HEO. This level of employment requires good basic reading, writing, math, and plumbing skills. In addition, it requires good work habits and the ability to follow instructions from supervisors to be successful in the workplace.

The coursework is based the NCCER curriculum in HEO. Students who complete the Advanced Certificate can progress to the Associate of Applied Science degree. A portion of these courses will transfer toward a Bachelor of Applied Science (BAS) degree program at Arizona public universities.

<b>Section I – General Education Requirements</b>		
<b>Fulfill Requirements</b>	<b>Course</b>	<b>Credits Required</b>
Tohono O’odham Himdag	HIS 122 Tohono O’odham History and Culture	3
	THO 101 Elementary Tohono O’odham	4
TOTAL CREDITS - GENERAL EDUCATION		<b>7</b>
<b>Section II. Core Requirements</b>		
<b>Fulfill Requirements</b>	<b>Course</b>	<b>Credits Required</b>
Core Requirements	BCT 120H Introductory Craft Skills	6
	BCT 101H Computer Literacy for Construction	1
TOTAL CREDITS - CORE REQUIREMENTS		<b>7</b>
<b>Section III. HEO Concentration</b>		
<b>Fulfill Requirements</b>	<b>Course</b>	<b>Credits Required</b>
Concentration	BCT 151H Introduction to Heavy Equipment Operations Profession	6
	BCT 152H HEO II	6
	BCT 153H HEO III	6
	BCT 251H HEO IV	6
	BCT 252H HEO V	6
TOTAL CREDITS - CONCENTRATION		<b>30</b>
<b>TOTAL CREDIT HOURS</b>		<b>44</b>