



Construction & Design Academy 2019 Summer Internship Program



Dates: June 17th – July 9th

Expected Schedule: Monday – Friday (8:30 am – 12:30 pm)

<p>Week 1 (6/17 - 6/21) @ MATC Walker's Square</p>	<p>Hand and power tool – safety and use Introductory exposure to carpentry, masonry, and plumbing - One (4 hour) day per each trade Lunch lecture – VJS or Mortenson</p>
<p>Week 2 (6/24 - 6/28) @ Journey House</p>	<p>Job readiness Mental toughness Workplace relationships & Communication Construction site & Scathain Design tour</p>
<p>Week 3 (7/1 - 7/5) @Journey House</p>	<p>Intro to construction trades math Sustainable design and construction Energy conservation & renewable resources</p>
<p>Week 4 (7/8 – 7/12) @ Journey House and MATC Walker's Square</p>	<p>Intro to architecture and design methodology Tiny home design Blueprint reading Project layout Architecture Tour (Quorum, EUA)</p>
<p>Week 5 (7/15 – 1/19) @ Journey House</p>	<p>Home rehab and deconstruction Wood – types, properties, uses Prepare for Revitalize Milwaukee Block Build Flux Design tour</p>
<p>Week 6 (7/22 – 7/26) @ MATC Walker's Square</p>	<p>OSHA 10 Training Tiny Home Construction (Part I) - Constructing wall panels for a tiny home</p>
<p>Week 7 (7/29 – 8/2) @ MATC Walker's Square</p>	<p>Tiny Home Construction (part II) - Finish construction of wall panels for tiny homes - Constructing roof trusses for tiny home Design it / Build it - Students design and build a basic carpentry project from amongst 2-3 options</p>
<p>Week 8 (8/5 – 8/9) @MATC Walker's Square</p>	<p>Finish Tiny Home construction Finish <i>Design it/ Build it</i> projects Internship debrief Fall apprenticeship and education opportunities</p>