Model Programs of Study Guide: Architecture, Construction, & Energy

**POSTSECONDARY OPTIONS**

1. **CONSTRUCTION TRADES**
   - Construction Trades Apprenticeships & Certificates
   - Advanced Certificates
   - Energy Technician AAS
   - HVACR Maintenance AAS

2. **ENERGY TECHNICIANS**
   - Energy Technician AAS
   - HVACR & Weatherization AAS
   - Weatherization Certificates

3. **ARCHITECTURE & SURVEYING**
   - Architectural Technology / CAD AAS
   - Architectural Technology & Surveying AAS
   - Pre-Architecture AAS
   - Geographical Information Systems AA
   - Bachelor of Arts in Science, Architecture
   - Bachelor of Science, Geography

4. **CONSTRUCTION & ENERGY MANAGEMENT**
   - Construction Management AAS
   - Bachelor of Arts in Science, Construction

**SELECTED OCCUPATIONS, WAGES, & JOB GROWTH**

| Program | Typical Job | Year or Above Living Wage Threshold for 1 Adult + 1 Child | Median Hourly Wage | Growth in IL: Annual Job Openings | Growth in IL: % Change Over 10 years | Stackable?
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</thead>
<tbody>
<tr>
<td>1a</td>
<td>Construction Trades</td>
<td>Construction Carpenters</td>
<td>Y</td>
<td>$33.22</td>
<td>$3,370</td>
<td>8%</td>
</tr>
<tr>
<td>1b</td>
<td>Energy Technicians</td>
<td>Electric Power Line Installers &amp; Repairers</td>
<td>Y</td>
<td>$43.49</td>
<td>$310</td>
<td>11%</td>
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<tr>
<td>2</td>
<td>HVACR Trades</td>
<td>HVACR Maintenance Technicians</td>
<td>Y</td>
<td>$27.96</td>
<td>170</td>
<td>3%</td>
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<tr>
<td>3</td>
<td>Architecture, CAD, &amp; Surveying</td>
<td>Architectural &amp; Civil Drafters</td>
<td>Y</td>
<td>$36.00</td>
<td>150</td>
<td>0%</td>
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<tr>
<td>4</td>
<td>Construction &amp; Energy Management</td>
<td>Construction Managers</td>
<td>Y</td>
<td>$43.50</td>
<td>560</td>
<td>1%</td>
</tr>
</tbody>
</table>

1. Living wage calculations are based on Glaeser, Amy K. Living Wage Calculator 2021. Massachusetts Institute of Technology. [https://glaeser.economics.harvard.edu/amylivingwagecalculator](https://glaeser.economics.harvard.edu/amylivingwagecalculator). As of January 2021 for the state of Illinois, the “Living Wage” for 1 Adult + 1 Child equaled $25.27/hour and “near or above” defined as 85% of that statewide living wage, was $22.33/hour. In March of 2021, the Living Wage calculator updated its calculations for Illinois, but information presented in this guide reflects the wage levels as of January 2021, when the project team conducted its analysis.
2. U.S. Department of Labor, CareerOneStop (https://www.careeronestop.org). As of January 2021 for the state of Illinois, the “Living Wage” for 1 Adult + 1 Child equaled $25.27/hour and “near or above” defined as 85% of that statewide living wage, was $22.33/hour. In March of 2021, the Living Wage calculator updated its calculations for Illinois, but information presented in this guide reflects the wage levels as of January 2021, when the project team conducted its analysis.