The Knowledge Economy

*Building Intellectual Resources*

• “Knowledge Economy” Peter Drucker
  – The Age of Discontinuity
  – Use of Knowledge to Produce Economic Benefit
    • Software
    • Telecommunications
    • Virtual Services
    • Growth through application and collaboration

The Role of Intellectual Capability over Physical Resources

• Production and Services Based on Knowledge-Intensive Activities
• Accelerated Pace of Technical and Scientific Advances
• Bringing together of technology and educated minds to create wealth
• New Sources of Information Leading to Competitive Advantages for All Sectors
  • Agriculture
  • Retail
  • Software
  • Bio Technology
NTCC, NBA, & CISCO Partner for NBA All Star event

NEW EMERGING GROWTH SECTORS

SUPPLY AND DEMAND
Louisiana expects to have more jobs over the next decade in exciting new emerging growth sectors, yet too few college graduates meet that demand.

LOUISIANA’S HIGH PRIORITY GROWTH INDUSTRIES
Significant demand for workers with degrees in the following high priority fields of study:

1. Engineering & Engineering Technologies (all fields)
2. Finance and Accounting
3. Computer Science
4. Data Analytics
5. Industrial Production
6. Construction Crafts
TIER ONE DEMANDS

TWO YEAR INSTITUTIONS
The State’s two year institutions will have to increase annual completers in each of the target fields of study by the following amounts:

<table>
<thead>
<tr>
<th>FIELD OF STUDY</th>
<th>2012 COMPLETERS</th>
<th>TOTAL COMPLETERS</th>
<th>DELTA</th>
<th>% INCREASE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer &amp; Information Science</td>
<td>1,029</td>
<td>1,500</td>
<td>471</td>
<td>46%</td>
</tr>
<tr>
<td>Finance and Accounting</td>
<td>425</td>
<td>500</td>
<td>75</td>
<td>18%</td>
</tr>
<tr>
<td>Engineering Technology</td>
<td>2,049</td>
<td>2,600</td>
<td>551</td>
<td>27%</td>
</tr>
<tr>
<td>Construction Crafts</td>
<td>1,374</td>
<td>11,000</td>
<td>9,626</td>
<td>704%</td>
</tr>
<tr>
<td>Welding</td>
<td>3,220</td>
<td>5,800</td>
<td>2,580</td>
<td>80%</td>
</tr>
<tr>
<td>Electrical</td>
<td>567</td>
<td>2,000</td>
<td>1,733</td>
<td>300%</td>
</tr>
<tr>
<td>Industrial Production</td>
<td>561</td>
<td>5,500</td>
<td>4,939</td>
<td>880%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>9,425</strong></td>
<td><strong>29,200</strong></td>
<td><strong>19,775</strong></td>
<td><strong>217%</strong></td>
</tr>
</tbody>
</table>

Rate of Change Index: US Dept of Labor Statistics & Public Company Filings

Oilpro Oilfield Employment Index

Our study indicates that the size of the oilfield employment market doubled from 2003 to 2013.

In 2014 and 2015, we expect the industry workforce to grow about 5% p.a. based on rig count, activity, and E&P spending growth forecasts.

Source: BLS, Company Filings, Oilpro estimates
US Unemployment Rate: By Job Sector 2013
ASSOCIATE OF APPLIED SCIENCE

TECHNICAL STUDIES
MARITIME STUDIES CONCENTRATION

• Crafting a unique two year associate degree with relevant training for the maritime industry in Louisiana.
• Providing workforce to drive Louisiana's economy.
• Producing high quality, better prepared entry-level professionals for Louisiana's workforce.