Microsoft IT Academy

Microsoft IT Academy Program
Delivering value, skills, and productivity

The Program is a result of legislation that was passed by the Idaho Legislature in 2014. The Program will provide the opportunity for Idaho public libraries and public schools serving grades 9-12 (High School) in the state of Idaho to offer courses that award technical certifications for successful completion of the courses. When students graduate from high school, they will be prepared to go on to post-secondary education or the workforce, without the need for remediation.

High School administration, teachers, students and public libraries and their patrons will have access to the technology education opportunities as well as opportunities for students and faculties at these schools and public libraries to secure broad-based information technology certification.

Sources: $1584 USD for cost in US available through volume licensing.
IT Academy: Building the workforce of tomorrow

Microsoft IT Academy provides a comprehensive learning solution that enables students to get college and career ready.

www.microsoft.com/ITAcademy

Flexible classroom and self-study curriculum
- Microsoft Official Academic Course (MOAC) teaching framework
- Microsoft Online learning curriculum
- E-Reference digital access
- Customizable lesson planning

Professional Development
- Curriculum guides and learning plans
- Free exam vouchers for Educators
- Teaching with Technology Curriculum

Certification
- Academic discounts on Microsoft Certification
  - Microsoft Office Specialist (MOS)
  - Microsoft Technology Associate (MTA)
  - Microsoft Certified Professional (MCP)
  - Microsoft Certified Educator (MCE)
- Become a testing center and offer exams onsite

Resources and Partnership
- Welcome kit, membership plaque and do-it-yourself deployment resources
- IT Academy blog, newsletter and social media
- Marketing, PR and communications guidance
Microsoft IT Academy Program
Delivering value, skills, and productivity

**TREMENDOUS VALUE**
Costs $3,399 USD for $50,000 or more in benefits.*
Immediate ROI with exam vouchers.
Huge cost savings in course development and delivery.
Industry leading curriculum.

**INDUSTRY RECOGNIZED CERTIFICATIONS**
Prepared candidates.
Skilled employees.
Productive workers.
Job-ready recruits.

**PROFESSIONAL DEVELOPMENT**
Guided paths to certification and skills training
Ready made, customizable lesson plans
Flexible delivery methods
Advanced skills training (MCE, MCT, MIE, TWT)

**LEARNER DEVELOPMENT**
Prescriptive training on industry leading technologies
Obtain industry recognized certifications
Improved hireability
Opportunity for improved compensation

Sources: $1584 USD for cost in US available through volume licensing.
Overview of benefits

85% of supervisors say that Microsoft Office Specialist certified employees are more productive because of their certification.

- Certiport Productivity Study, 2012

We found that teacher engagement is the most important driver of student engagement. We’ll never improve student engagement until we boost teachers’ workplace engagement first.

## Flexible Curriculum

<table>
<thead>
<tr>
<th>Classroom Learning</th>
<th>Online Learning</th>
<th>Self Study</th>
<th>Validation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Microsoft Official Academic Curriculum</strong></td>
<td><strong>Video-on-demand</strong>&lt;br&gt;• Modular student materials addressing core concepts through presentation and demonstration&lt;br&gt;<strong>Interactive</strong>&lt;br&gt;• Interactive student materials using text, presentations, simulations, animations, and games</td>
<td><strong>Microsoft Press Study Guides</strong>&lt;br&gt;• Digital “how to” books for students' Microsoft Office skill development</td>
<td><strong>Microsoft Office Specialist</strong>&lt;br&gt;• Validates mastery of Microsoft Office skills that are valuable for a wide range of jobs and other life pursuits&lt;br&gt;<strong>Microsoft Technology Associate</strong>&lt;br&gt;• Validates understanding of basic technology concepts in software development and information technology&lt;br&gt;<strong>Microsoft Certified Professional</strong>&lt;br&gt;• Validates mastery of core technical skills required to build a sustainable career&lt;br&gt;<strong>Microsoft Certified Educator</strong>&lt;br&gt;• Validates educator professional technology literacy mapped to the UNESCO ICT Competency Framework for Teachers</td>
</tr>
</tbody>
</table>

| Microsoft Office Lesson Plans | Teacher resources for project-based lessons that incorporate Microsoft Office skills with subject area learning | | |
The International Labor Organization says that the global youth unemployment rate was 12.7% in 2012, and it projects that it is likely to rise to 12.9% by 2017.

- International Labor Organization, 2014

"Despite a dip in recent years, the youth unemployment rates globally are back on the rise."

- International Labor Organization, United Nations, 2013

75MM Youth are unemployed globally

- McKinsey Research

50% of youth are not sure if their post secondary education has helped them find a job

- McKinsey Research

Let's invest to get young people into decent
Value of skills

Technology is everywhere...

50% of today's jobs require some degree of technology skills.

Experts say that percentage will increase to 77% in the next decade.

14M estimated new jobs worldwide by 2015 due to spending on public and private IT cloud services.²

50% More IT opportunities than Computer degree science degree holders in US by 2020³

Over the next 4 years.⁴

5.8M Jobs will rise in IT employment

51% Of all IT jobs will be software related

75K New Business Created

Microsoft Skills Required By Employers...
Jobs in Demand by Technology

<table>
<thead>
<tr>
<th>Location</th>
<th>&quot;must have&quot;</th>
<th>&quot;good to have&quot;</th>
<th>&quot;nice to have&quot;</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boise</td>
<td>21</td>
<td>15</td>
<td>31</td>
<td>45</td>
</tr>
<tr>
<td>Coeur d’Alene</td>
<td>1</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Meridian</td>
<td>3</td>
<td>1</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>Idaho Falls</td>
<td>8</td>
<td>4</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>Spokane</td>
<td>10</td>
<td>15</td>
<td>10</td>
<td></td>
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<tr>
<td>Seattle</td>
<td>411</td>
<td>123</td>
<td>236</td>
<td>532</td>
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<tr>
<td>Bellevue</td>
<td>106</td>
<td>25</td>
<td>82</td>
<td>114</td>
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<td>Redmond</td>
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<td>23</td>
<td>37</td>
<td>49</td>
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<tr>
<td>Tacoma</td>
<td>19</td>
<td>13</td>
<td>20</td>
<td></td>
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<tr>
<td>Portland</td>
<td>190</td>
<td>91</td>
<td>119</td>
<td>185</td>
</tr>
<tr>
<td>Hillsboro</td>
<td>11</td>
<td>44</td>
<td>31</td>
<td>28</td>
</tr>
<tr>
<td>Beaverton</td>
<td>17</td>
<td>50</td>
<td>34</td>
<td>29</td>
</tr>
<tr>
<td>Salem</td>
<td>6</td>
<td>11</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Source: Indeed.com, April 2015
Idaho Jobs requiring Microsoft Skills

One of every 10 jobs in Idaho on Indeed.com call out Microsoft Skills

Company
- J.R. Simplot Company (78)
- Micron (36)
- North Idaho College (24)
- Adecco (15)
- Bodybuilding.com (11)
- University of Idaho (11)
- Staples (10)
- Idaho Division of Human Resources (10)
- Glacier Bancorp, Inc. (8)
- NAVEX Global (8)
- Shore Lodge (8)
- Community Council of Idaho, Inc. (8)
- Clif Bar & Company (7)
- ITT Educational Services Inc. (7)
- ASI Constructors, Inc. (7)

Salary Estimate
- $20,000+ (826)
- $40,000+ (513)
- $60,000+ (284)
- $80,000+ (145)
- $100,000+ (62)

Open Advertised Jobs Preferring or Requiring Microsoft Skills in Idaho – Indeed.com April 2015
IT Academy global reach

17,000 IT Academies Globally
140 Countries

North America
- United States: 16 State Alliances
- Canada
- Mexico

Europe
- Netherlands: Every secondary school, college, and university countrywide
- UK
- France
- Germany
- Spain
- Italy
- Sweden
- Russia
- Israel

Africa
- Morocco: Vocational & secondary schools reaching students and teachers nationwide
- South Africa
- Egypt
- Nigeria
- Kenya

Asia
- Australia: High schools throughout the state of Queensland
- Japan
- China
- India
- Pakistan

Middle East
- UAE: Every secondary school nationwide
- Saudi Arabia
- Egypt

South America
- Chile: Every high school in the country
- Brazil

Other
- Russia
- China
- India
- Australia
- Japan
- South Africa
- Morocco
- UAE
- United States

140 Countries
North Carolina, USA

“In today’s economy, providing the Microsoft IT Academy to high school students just makes sense.”

<table>
<thead>
<tr>
<th></th>
<th>Pre-IT Academy 8/09 – 6/10</th>
<th>1st Year of IT Academy 8/10 – 6/11</th>
<th>2nd Year of IT Academy 8/11 – 6/12</th>
<th>3rd Year of IT Academy 8/12 – 6/13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of total MOS certifications</td>
<td>21</td>
<td>8,794</td>
<td>43,630</td>
<td>53,731</td>
</tr>
<tr>
<td>Number of student MOS certifications</td>
<td>16</td>
<td>8,065</td>
<td>42,563</td>
<td>52,922</td>
</tr>
<tr>
<td>Number of teacher MOS certificates</td>
<td>5</td>
<td>729</td>
<td>1,148</td>
<td>809</td>
</tr>
</tbody>
</table>

June Atkinson
North Carolina State Superintendent

Video
### Program Highlights:

- **Average CAPE (Florida Career & Professional Education Act) Academy students**, including U.S. students at Florida's Dunbar High School IT Academy, perform better than non-academy students.

- Standardized test scores on the Florida Comprehensive Assessment Test (FCAT) are statistically higher for U.S. students in the IT Academy Program at Florida's Dunbar High School.

<table>
<thead>
<tr>
<th>Key Performance Indicator</th>
<th>Non-CAPE Academy Students</th>
<th>CAPE Academy Students without Certifications</th>
<th>CAPE Academy Students with Certifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average GPA</td>
<td>2.5</td>
<td><strong>2.6</strong></td>
<td><strong>3.03</strong></td>
</tr>
<tr>
<td>Dropout Rate</td>
<td>2.4%</td>
<td><strong>1.4%</strong></td>
<td><strong>0.1%</strong></td>
</tr>
<tr>
<td>Graduating 12th Graders</td>
<td>66.5%</td>
<td><strong>76.7%</strong></td>
<td><strong>94%</strong></td>
</tr>
<tr>
<td>Chronically Absent</td>
<td>17%</td>
<td><strong>20%</strong></td>
<td><strong>11%</strong></td>
</tr>
</tbody>
</table>
Top skills students need for future success

“IDC (International Data Corporation) research suggests that skills and competencies that support a well-developed, civically competent student are the same skills that will be widely in demand by employers in 2020 and beyond.” — IDC White Paper sponsored by Microsoft

**#1** Oral and written communication skills*

**#2** Microsoft Office*

**#3** Detail-oriented*

**#4** Problem solving*

**#5** Self-starting/self-motivated

**Microsoft Office** was listed as a required skill 5 times more frequently than all other software programs combined.

*Indicates CIP (Communication, Integration, Presentation) skill.

Sources: 1Skills Requirements for Tomorrow's Best Jobs—Helping Education Provide Students with Skills and Tools They Need, Doc#243853, October 2013
Communication, Integration, and Presentation (CIP) skills account for 4 of the top 5 skills

“‘Technology for technology’s sake’ satisfies only a very small percentage of future skills requirements...Focus on real-world tasks like CIP capabilities fosters both a well-rounded student and a student whose skills will be in demand in our future economy.” – IDC White Paper sponsored by Microsoft

IDC considers proficiency in Microsoft Office to be a fundamental enabler for CIP skills.

39% of the fastest-growing, highest-paying positions require CIP skills

Sources: 1Skills Requirements for Tomorrow’s Best Jobs—Helping Education Provide Students with Skills and Tools They Need, Doc#243853, October 2013
Validating skills for youth employment

It’s truly a global marketplace, especially in the IT world. If you don’t have a certification that validates you have the needed skills, you’re at a significant disadvantage.”

Bill Doherty
@ONE Project, College System of California
Microsoft IT Academy and Certification

Bridging the skills gap by providing the curriculum, the training and the validation of skills that college and career-bound students need to be successful.

Prepared students
Successful schools and public libraries
Strengthened communities

Providing industry-leading training resources and Microsoft Certifications to enhance employability and college readiness and encourage life-long learning.
What you get!

Each School or Public Library Receives:

Microsoft IT Academy Site Use
  Resources and Curriculum
  Professional Development
  Support

Optional

Certiport Testing Site
  30 Staff Exam Vouchers
  500 Student/Patron Exam Vouchers
  Professional Development
  Support

MTA Voucher Pack
  250 Student Exam Vouchers
Idaho is on the move!

Current Status

116 High Schools (245 Idaho High Schools)
92 registered as Certiport Test Centers

32 public libraries (145 Idaho Public Libraries)
12 registered as Certiport Test Centers
Contact Information

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