



National Institute for Metalworking Skills®

Annual Report of Operations, 2012

- Credentialing Program
- Accreditation Program
- Right Skills Now
- IMTS 2012
- 2012 SkillsUSA National Championship
- Delmar Cengage Learning's Precision Machining Technology Textbook
- US Military
- South African National Tooling Initiative Programme (NTIP)
- H-1B Technical Skills Training Grant
- Finances
- Board of Directors
- Stakeholders

January 15, 2013

National Institute for Metalworking Skills, Inc.



The following report details our progress in our major program areas during the 2012 calendar year.

Highlights

- 2012 was a record year in our **Credentialing Program**. The total number of tests issued was 10,567, which represented a 22 percent increase over the 8,642 tests issued in 2011. We point out that 2011 itself was a record year at that time. We issued a total of 8,745 credentials in 2012, an increase of 1,723 credentials over 2011, or a 25 percent increase.
- Our **Accreditation Program** secured applications to accredit 45 training programs across the US, including several training programs from which we expect a high volume of credentialing.
- We continued to see community colleges adopt the **Right Skills Now** program, including schools in Iowa, Michigan, Minnesota, and Nevada, while the state of Washington continues plans to implement the program in the near future.
- We coordinated the most successful student event to date at **IMTS 2012**, with record-setting support from industry and stakeholders, most notably The Association for Manufacturing Technology (AMT), which provided space, build-out, technical and financial assistance.
- With support from all our stakeholders, Board members and industry partners, we directed and conducted another successful CNC Milling, CNC Turning, and Precision Machining Technology Competitions at **Skills USA 2012**.
- The **Precision Machining Technology Textbook**, a product of Delmar Cengage Learning, continued to show impressive sales figures, including an increase of orders for the lab manual and Instructor Resource CD.
- NIMS strengthened relations with the **US Military** in an effort to provide short-term and long-term credentialing opportunities for active and separating service men and women, including an expanded partnership with the US Army Ordnance School at Fort Lee, VA.
- We maintained our relationship with the **South African National Tooling Initiative Programme (NTIP)**, where substantial quantities of credentials are being pursued through an external testing portal.
- Two new members were elected to the **NIMS Board of Directors**, bringing valuable expertise to the organization.
- In December 2012, NIMS Executive Director James A. Wall was appointed by Secretary Hilda A. Solis to join the US Department of Labor **Advisory Committee on Apprenticeship**.
- The NIMS **Board of Directors** welcomed two new members in 2012: John Jacobsen, Senior Manager at Sandvik Coromant Academy, and Greg Jones, Vice President of Smartforce Development at AMT – The Association for Manufacturing Technology.

Credentialing Program

The NIMS Credentialing Program – along with the standards and accreditation – represents the hallmark of our mission of developing a globally competitive workforce. We measure progress in our credentialing program by the number of tests taken. We are pleased to say that 2012 saw an increase over 2011 with the annual record totals as noted in the year-end highlights on page three.

As noted in the highlight, NIMS tests in 2012 were up 22 percent over 2011 with 10,567 tests taken and 8,745 credentials earned. This influx has afforded NIMS the opportunity to see over 40,000 tests taken since the organization's inception.

With its statewide NIMS testing program, Pennsylvania led all states, however, marked increases were noted in many states as the industry continues to ask for and use credentials internally, while schools and training institutions continue to require or promote them.

Indiana doubled its testing efforts in 2011, securing the state as the second busiest credentialing region, largely thanks to the Ivy Tech Community College System. Illinois and California placed third and fourth, respectively, as top credentialing states, with much credit due in the latter to the NTMA Training Centers of Southern California where a substantial increase in testing occurred throughout 2012.

Measurement, Materials and Safety and Job Planning, Benchwork and Layout remain the most popular, as these entry-level credentials are the most often required. There was a surge in CNC testing with 2,248 CNC tests taken at all levels. The CNC Milling Operations and CNC Turning Operations credentials have become very popular since their introduction in 2009, increasing from 165 to 1,567 tests in 2012 and resulting in 1,235 credentials issued.

We have a statewide agreement to test secondary students in Pennsylvania and Connecticut with both requiring students to test against Level I Machining credentials. A similar partnership was established with the US Army Ordnance School in Fort Lee, VA to test Army, Marine, National Guard, and Reserve trainees.

Many training programs and school programs are using credentials as course or graduation requirements. For example, RCBI in West Virginia requires three credentials for the manufacturing degree.

In 2012 we introduced the NIMS Comprehensive Implementation Program, which allows training programs to pay a one-time flat rate in exchange for 365 days' worth of unlimited candidate registration and testing transactions via the NIMS Online Testing Center. The title of this program will change in 2013; however the offer will remain unchanged.

The following charts detail the Credentialing Program over the past three years.

Annual Report of Operations, 2012

National Institute for
Metalworking Skills, Inc.

| State & Province | 2009 | | 2010 | | 2011 | | 2012 | |
|------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|
| | Tests | Credentials | Tests | Credentials | Tests | Credentials | Tests | Credentials |
| Alabama | 75 | 72 | 234 | 229 | 72 | 72 | 93 | 86 |
| Alaska | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Arizona | 86 | 76 | 102 | 91 | 123 | 110 | 189 | 156 |
| Arkansas | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 |
| California | 60 | 58 | 172 | 151 | 548 | 506 | 1035 | 884 |
| Colorado | 0 | 0 | 6 | 4 | 3 | 3 | 5 | 4 |
| Connecticut | 258 | 231 | 270 | 244 | 495 | 424 | 497 | 396 |
| Florida | 16 | 16 | 13 | 13 | 20 | 19 | 171 | 165 |
| Georgia | 1 | 1 | 0 | 0 | 0 | 0 | 7 | 4 |
| Hawaii | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 2 |
| Idaho | 10 | 3 | 1 | 0 | 0 | 0 | 4 | 4 |
| Illinois | 296 | 276 | 320 | 302 | 653 | 566 | 1080 | 886 |
| Indiana | 137 | 108 | 169 | 129 | 538 | 406 | 1091 | 924 |
| Iowa | 6 | 6 | 3 | 3 | 3 | 3 | 7 | 4 |
| Kansas | 4 | 4 | 16 | 14 | 26 | 11 | 26 | 22 |
| Kentucky | 75 | 65 | 110 | 109 | 238 | 200 | 157 | 129 |
| Louisiana | 8 | 5 | 12 | 10 | 5 | 5 | 5 | 5 |
| Maine | 46 | 43 | 123 | 111 | 77 | 69 | 117 | 106 |
| Maryland | 63 | 61 | 140 | 126 | 132 | 123 | 196 | 183 |
| Massachusetts | 63 | 59 | 79 | 67 | 111 | 105 | 187 | 177 |
| Michigan | 36 | 36 | 4 | 4 | 33 | 32 | 165 | 115 |
| Minnesota | 159 | 118 | 114 | 71 | 293 | 284 | 772 | 676 |
| Mississippi | 68 | 64 | 103 | 97 | 171 | 168 | 259 | 227 |
| Missouri | 75 | 73 | 77 | 71 | 73 | 69 | 162 | 147 |
| Montana | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Nebraska | 2 | 2 | 0 | 0 | 0 | 0 | 1 | 0 |
| Nevada | 2 | 2 | 0 | 0 | 0 | 0 | 102 | 75 |
| New Brunswick | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 |
| New Hampshire | 0 | 0 | 2 | 1 | 10 | 10 | 5 | 5 |
| New Jersey | 1 | 1 | 1 | 1 | 0 | 0 | 38 | 38 |
| New Mexico | 4 | 4 | 0 | 0 | 0 | 0 | 2 | 2 |
| New York | 32 | 32 | 47 | 37 | 56 | 39 | 88 | 66 |
| North Carolina | 49 | 49 | 144 | 142 | 238 | 222 | 290 | 255 |
| North Dakota | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Ohio | 127 | 103 | 119 | 96 | 105 | 87 | 114 | 88 |
| Oklahoma | 20 | 19 | 20 | 18 | 16 | 16 | 298 | 245 |
| Oregon | 0 | 0 | 0 | 0 | 1 | 1 | 4 | 4 |
| Pennsylvania | 1603 | 1301 | 2047 | 1579 | 1873 | 1484 | 1882 | 1470 |
| Rhode Island | 14 | 12 | 1 | 1 | 5 | 4 | 10 | 8 |
| South Carolina | 63 | 61 | 87 | 72 | 104 | 102 | 120 | 108 |
| South Dakota | 37 | 37 | 27 | 23 | 13 | 13 | 6 | 6 |
| Tennessee | 40 | 40 | 77 | 76 | 67 | 62 | 99 | 94 |
| Texas | 71 | 58 | 60 | 41 | 149 | 112 | 158 | 117 |
| Utah | 3 | 2 | 0 | 0 | 9 | 9 | 10 | 10 |
| Vermont | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 |
| Virginia | 88 | 66 | 99 | 76 | 83 | 63 | 102 | 88 |
| Washington | 7 | 7 | 7 | 7 | 22 | 16 | 99 | 81 |
| West Virginia | 62 | 60 | 91 | 87 | 112 | 108 | 142 | 124 |
| Wisconsin | 39 | 33 | 37 | 37 | 1 | 1 | 25 | 24 |
| Wyoming | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 3 |
| Other | 8 | 7 | 2 | 2 | 0 | 0 | 0 | 0 |
| Mexico | | | | | | | 4 | 3 |
| Puerto Rico | | | | | | | 2 | 2 |
| South Africa | 0 | 0 | 500 | 308 | 2159 | 1493 | 723 | 516 |
| Totals | 3814 | 3271 | 5438 | 4452 | 8642 | 7022 | 10567 | 8745 |

| NIMS Credentialing Activity: 2009 - 2012 | | | | | | | | | | |
|--|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|
| Year | 2009 | | 2010 | | 2011 | | 2012 | | Total | Total |
| Name of Credential | Tests | Creds. | Tests | Creds. | Tests | Creds. | Tests | Creds. | Tests | Creds. |
| CNC Drive Press Brake Skills II | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 3 | 3 |
| CNC Milling Operations Exam Level 1 | 86 | 65 | 230 | 174 | 370 | 295 | 771 | 592 | 1457 | 1126 |
| CNC Milling Skills II | 8 | 8 | 6 | 6 | 6 | 6 | 14 | 14 | 34 | 34 |
| CNC Milling: Programming Setup & Operations Exam Level 1 | 150 | 117 | 174 | 136 | 244 | 200 | 327 | 259 | 895 | 712 |
| CNC Programming Skills III | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 1 |
| CNC Turning Operations Exam Level 1 | 79 | 58 | 171 | 151 | 225 | 185 | 796 | 643 | 1271 | 1037 |
| CNC Turning Skills II | 2 | 2 | 8 | 8 | 10 | 10 | 16 | 16 | 36 | 36 |
| CNC Turning: Programming Setup & Operations Exam Level 1 | 177 | 125 | 150 | 93 | 270 | 175 | 321 | 214 | 918 | 607 |
| Conventional EDM II | 2 | 2 | 0 | 0 | 2 | 2 | 1 | 0 | 5 | 4 |
| Company Training Coordinator Certification | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Diemaking Level II | 1 | 1 | 1 | 1 | 0 | 0 | 2 | 2 | 4 | 4 |
| Diemaking Level III | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| Drill Press I | 351 | 292 | 462 | 362 | 507 | 439 | 598 | 459 | 1918 | 1552 |
| Drill Press II | 4 | 2 | 26 | 17 | 14 | 8 | 4 | 3 | 48 | 30 |
| Drill Press International | 0 | 0 | 161 | 76 | 536 | 256 | 166 | 87 | 863 | 419 |
| Grinding I | 114 | 101 | 142 | 133 | 164 | 148 | 144 | 137 | 564 | 519 |
| Grinding II | 13 | 12 | 11 | 7 | 11 | 9 | 12 | 10 | 47 | 38 |
| Grinding Skills International | 0 | 0 | 0 | 0 | 90 | 64 | 70 | 52 | 160 | 116 |
| Job Planning, Benchwork, & Layout I | 574 | 427 | 779 | 577 | 1092 | 827 | 1585 | 1246 | 4030 | 3077 |
| Job Planning, Benchwork, & Layout International | 0 | 0 | 155 | 90 | 604 | 346 | 122 | 68 | 881 | 504 |
| Machine Testing III | 0 | 0 | 0 | 0 | 1 | 1 | 33 | 6 | 34 | 7 |
| Measurement, Materials, & Safety I | 1348 | 1251 | 1723 | 1543 | 2400 | 2202 | 3898 | 3475 | 9369 | 8471 |
| Measurement, Materials, & Safety International | 0 | 0 | 151 | 120 | 532 | 473 | 5 | 5 | 688 | 598 |
| Mechanical Assembly II | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 3 | 3 |
| Metalfforming I | 78 | 74 | 90 | 86 | 177 | 155 | 31 | 31 | 376 | 346 |
| Metalfforming I -Spanish Version | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Milling I | 310 | 298 | 375 | 353 | 414 | 385 | 518 | 483 | 1617 | 1519 |
| Milling II | 19 | 12 | 21 | 13 | 18 | 6 | 16 | 12 | 74 | 43 |
| Milling I International | 0 | 0 | 0 | 0 | 212 | 201 | 98 | 88 | 310 | 289 |
| Non CNC Drive Press Brake Skills II | 1 | 1 | 1 | 1 | 15 | 15 | 2 | 2 | 19 | 19 |
| OJT Trainer | 43 | 40 | 30 | 26 | 19 | 15 | 55 | 50 | 147 | 131 |
| OJT Senior Trainer Certification | 1 | 1 | 0 | 0 | 5 | 3 | 5 | 2 | 11 | 6 |
| Press Brake II (Operate CNC Drive) | 0 | 0 | 0 | 0 | | 0 | 13 | 12 | 13 | 12 |
| Screw Machining Multiple Spindle II | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Setup Equipment with Compound Dies | 9 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 12 | 0 |
| Stamping Operate Equipment/Compound Dies II | 10 | 10 | 0 | 0 | 11 | 11 | 0 | 0 | 21 | 21 |

Annual Report of Operations, 2012

| | | | | | | | | | | |
|--|-------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|--------------|--------------|
| Stamping Operate Equipment/Progressive Dies II | 13 | 12 | 0 | 0 | 11 | 10 | 2 | 2 | 26 | 24 |
| Stamping Setup Equipment/Progressive Dies III | 8 | 7 | 1 | 1 | 3 | 2 | 6 | 5 | 18 | 15 |
| Stamping Setup Equipment/Single Hit Tooling II | 12 | 10 | 0 | 0 | 11 | 11 | 0 | 0 | 23 | 21 |
| Stamping Setup Equipment/Quality Control III | 1 | 1 | 0 | 0 | 6 | 6 | 24 | 22 | 31 | 29 |
| Stamping Setup Equipment/Single Hit Tooling III | 9 | 6 | 0 | 0 | 2 | 2 | 0 | 0 | 11 | 8 |
| Turning II | 8 | 7 | 13 | 9 | 15 | 13 | 20 | 17 | 56 | 46 |
| Turning Chucking II | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 6 | 6 | 6 |
| Turning Operations: Between Centers International | 0 | 0 | 0 | 0 | 69 | 58 | 120 | 99 | 189 | 157 |
| Turning Operations: Chucking International | 0 | 0 | 0 | 0 | 114 | 92 | 101 | 83 | 215 | 175 |
| Turning Operations: Turning Between Centers | 243 | 243 | 298 | 244 | 278 | 241 | 428 | 332 | 1247 | 1060 |
| Turning Operations: Turning Chucking Skills | 126 | 108 | 231 | 200 | 178 | 151 | 230 | 207 | 765 | 666 |
| Wire EDM II | 3 | 3 | 0 | 0 | 0 | 0 | 3 | 0 | 6 | 3 |
| Total | 3806 | 3298 | 5413 | 4429 | 8639 | 7023 | 10567 | 8745 | 28425 | 23495 |

Accreditation Program

Our Accreditation Program enables companies, schools, and training institutions to demonstrate that they are capable of instructing to the NIMS Standards, ultimately establishing that they meet industry quality requirements. Those quality requirements include safety, industry involvement and input, functioning advisory committees, and an ongoing credentialing program. Additionally, we require that instructors hold NIMS credentials in the areas which they instruct.

Each Accreditation requires a Self-Study and an On-Site Evaluation, or audit. In the Self Study Kit, the applicant organization rates its program against our requirements. This is followed by a two day On-Site Evaluation by a three person Evaluation Team. Led by a NIMS Team Leader, who has been previously trained in the evaluation process, the Evaluation Team is rounded out with one representative from industry and one from education. Applicants are given a minimum of six months to address and correct any deficiencies cited during the On-Site Evaluation.

The following pages present the results for the Accreditation Program in 2012. For a complete list of all NIMS Accredited Programs see <http://tinyurl.com/auwmc36>.

Total applications generated in 2012: 45

(R = Renewal application; I = Initial application)

| Organization | Location | App. Date-Type |
|--|-------------------|-----------------------|
| • Tulsa Technology Center | Broken Arrow, OK | 01/10/12 – R |
| • J. F. Drake State Technical College | Huntsville, AL | 01/17/12 – I |
| • Cuillier Career Center | Marrero, LA | 01/20/12 – I |
| • North Shore Technical High School | Middleton, MA | 01/24/12 – R |
| • Kirkwood Community College | Cedar Rapids, IA | 02/07/12 – I |
| • Marion County Area Technology Center | Lebanon, KY | 02/15/12 – R |
| • Ivy Tech Community College | Warsaw, IN | 02/16/12 – I |
| • Huntsville Center for Technology | Huntsville, AL | 02/16/12 – R |
| • TMA Related Theory Apprenticeship Training Program | Park Ridge, IL | 02/21/12 – I |
| • North Point High School | Waldorf, MD | 02/24/12 – I |
| • Caddo Career & Technology Center | Shreveport, LA | 03/06/12 – I |
| • W. F. Kaynor Technical High School | Waterbury, CT | 03/15/12 – R |
| • Orleans Career & Technical Center | Medina, NY | 03/27/12 – R |
| • Johnston Community College | Smithfield, NC | 04/20/12 – I |
| • Francis Tuttle Technology Center | Oklahoma City, OK | 04/26/12 – R |
| • Mid-Coast School of Technology | Rockland, ME | 04/26/12 – I |
| • North Central State College | Mansfield, OH | 05/03/12 – I |
| • River Valley Community College | Lebanon, NH | 05/04/12 – I |
| • Bradley Central High School | Cleveland, TN | 05/08/12 – I |
| • William F. Davies Jr. Career & Technical High School | Lincoln, RI | 05/08/12 – R |
| • Construction Tech Academy at Kearny Complex | San Diego, CA | 06/04/12 – I |
| • Western Nevada College | Carson City, NV | 06/18/12 – I |
| • Pinellas Technical Education Center | Clearwater, FL | 06/18/12 – I |
| • Precise CNC Machining Institute | Rochester, NY | 06/19/12 – I |
| • Davidson County Community College | Thomasville, NC | 07/06/12 – I |
| • Crawford County Career & Technical Center | Meadville, PA | 07/06/12 – R |
| • Moore Norman Technology Center | Norman, OK | 07/06/12 – R |
| • Metropolitan Community College | Kansas City, MO | 07/27/12 – R |

| | | |
|---|-------------------|----------------|
| • Daytona State College | Daytona Beach, FL | 07/27/12 – I |
| • Vincennes University – Precision Machining Technology Program | Vincennes, IN | 07/31/12 – I |
| • Workshops for Warriors | San Diego, CA | 07/31/12 – I |
| • FMC Technologies, Inc. | Stephenville, TX | 08/13/12 – I |
| • Tennessee Technology Center | Hohenwald, TN | 08/13/12 – R |
| • Mid-America Technology Center | Wayne, OK | 08/20/12 – I |
| • Central Carolina Community College | Sanford, NC | 08/23/12 – R |
| • Monroe Career & Technical Institute | Bartonsville, PA | 08/23/12 – R |
| • Lorain County Joint Vocational School | Oberlin, OH | 09/24/2012 – I |
| • Wayne Community College | Goldsboro, NC | 10/03/2012 – I |
| • East Mississippi Community College | Mayhew, MS | 10/09/2012 – I |
| • East Valley Institute of Technology | Mesa, AZ | 11/01/2012 – R |
| • Mayfield/Graves County Area Technology Center | Mayfield, KY | 11/01/2012 – I |
| • Spartanburg Community College | Spartanburg, SC | 11/01/2012 – I |
| • Columbia Montour Area Vocational Technical School | Bloomsburg, PA | 11/13/2012 – R |
| • Meridian Technology Center | Stillwater, OK | 12/07/2012 – R |
| • Indian Hills Community College | Ottumwa, IA | 12/30/2012 – I |

Total On-Site Evaluations conducted in 2012: 27

Organization

Location

Evaluation Date

| | | |
|---|----------------------|---------------------|
| • Rock Valley College / TechWorks & EIGERlab | Rockford, IL | January 30-31, 2012 |
| • Northern Maine Community College | Presque Isle, ME | March 1, 2012 |
| • Ohio County Area Technology Center | Hartford, KY | March 2, 2012 |
| • Green County Area Technology Center | Greenburg, KY | March 8, 2012 |
| • Palm Beach State College | Lake Worth, FL | March 15-16, 2012 |
| • Jefferson-DuBois Area Vocational-Technical School | Reynoldsville, PA | April 1, 2012 |
| • Randolph Community College | Asheboro, NC | April 2-3, 2012 |
| • Southern Maine Community College | South Portland, ME | April 19, 2012 |
| • Guilford Technical Community College | Jamestown, NC | April 25, 2012 |
| • York Technical College | Rock Hill, SC | April 26, 2012 |
| • Earnest Pruettt Technology Center | Hollywood, AL | May 4, 2012 |
| • Northern Westmoreland Career & Technology Center | New Kensington, PA | May 11, 2012 |
| • Hazelton Area Career Center | Hazleton, PA | May 18, 2012 |
| • Jones County Junior College | Ellisville, MS | July 23-24, 2012 |
| • Central Carolina Technical College | Sumter, SC | October 25, 2012 |
| • Technical Employment Training | San Bernardino, CA | October 29-30, 2012 |
| • Greater Lowell Technical High School | Tyngsboro, MA | December 12, 2012 |
| • Richard J. Daley College | Chicago, IL | Nov. 12-13, 2012 |
| • Symbol Training Institute | Skokie, IL | Nov.14-15, 2012 |
| • Platt Technical High School | Milford, CT | Nov.16, 2012 |
| • Hillyard Technical Center | St. Joseph, MO | Nov.19, 2012 |
| • Murray – Calloway County Area Technology Center | Murray, KY | Nov.20, 2012 |
| • Auburn High School | Auburn, AL | Nov.29, 2012 |
| • Wayne County Area Technology Center | Monticello, KY | December 4, 2012 |
| • Bristol Plymouth Regional Technical School | Taunton, MA | December 10, 2012 |
| • Riverland Community College | Albert Lea, MN | Dec. 10-11, 2012 |
| • El Camino College | Torrance/Compton, CA | December 11, 2012 |

Total Official Accreditations issued in 2012: 22

| <i>Organization</i> | <i>Location</i> | <i>Date of Accreditation</i> |
|---|--------------------|------------------------------|
| • Oliver Wolcott Technical High School | Torrington, CT | January 11, 2012 |
| • Rock Valley College / TechWorks & EIGERlab | Rockford, IL | February 13, 2012 |
| • Northern Maine Community College | Presque Isle, ME | March 16, 2012 |
| • Palm Beach State College | Lake Worth, FL | March 29, 2012 |
| • Ohio County Area Technology Center | Hartford, KY | April 19, 2012 |
| • York Technical College | Rock Hill, SC | May 9, 2012 |
| • Earnest Pruettt Technology Center | Hollywood, AL | May 25, 2012 |
| • Southern Maine Community College | South Portland, ME | May 25, 2012 |
| • Randolph Community College | Asheboro, NC | June 5, 2012 |
| • Hazelton Area Career Center | Hazleton, PA | June 11, 2012 |
| • Jones County Junior College | Ellisville, MS | September 6, 2012 |
| • Green County Area Technology Center | Greensburg, KY | September 20, 2012 |
| • Jefferson-DuBois Area Vocational-Technical School | Reynoldsville, PA | September 24, 2012 |
| • Guilford Technical Community College | Jamestown, SC | September 28, 2012 |
| • Northern Westmoreland Career & Technology Center | New Kensington, PA | November 1, 2012 |
| • Richard J. Daley College | Chicago, IL | December 5, 2012 |
| • Central Carolina Technical College | Sumter, SC | December 6, 2012 |
| • Auburn High School | Auburn, AL | December 6, 2012 |
| • Platt Technical High School | Milford, CT | December 12, 2012 |
| • Riverland Community College | Albert Lea, MN | December 13, 2012 |
| • Bristol Plymouth Regional Technical School | Taunton, MA | December 27, 2012 |
| • Hillyard Technical Center | St. Joseph, MO | December 27, 2012 |

Right Skills Now

Community colleges across the country continue to adopt and implement the NAM-endorsed accelerated training program, including:

- Dunwoody College (Minneapolis, MN)
- Kirkwood Community College (Cedar Rapids, IA)
- South Central College (North Mankato, MN)
- Truckee Meadows Community College (Reno, NV)
- Wayne County Community College District (Detroit, MI)
- Western Nevada College (Carson City, NV)

Additionally the Washington State Board for Community and Technical Colleges continues to make movements towards implementing the Right Skills Now model.

IMTS 2012

With over 9,000 in attendance, the Student Skills Center at IMTS 2012 was the more comprehensive NIMS-managed student event at IMTS to date. Nearly thirty industry companies exhibited inside the Student Center, plus another 75 “featured exhibitors” (formerly Student Friendly Exhibitors) participated in hopes of stimulating within young people an interest in STEM-related career pathways. New to the 2012 event: private hall space at McCormick Place Convention Center, collaboration with The Edge Factor, and our first conference for Administrators & Guidance Counselors.

Student Center Exhibitors included:

- 3D Systems, Inc.
- American Welding Society
- BobCAD-CAM, Inc.
- Calculated Industries
- City Colleges of Chicago
- DMG Mori Seiki
- The Edge Factor
- EMAG
- FANUC FA
- FANUC Robotics America
- Gateway Community & Technical College
- Haas Automation – HTEC Network
- Immersive Engineering, Inc.
- Industrial Press, Inc.
- Lincoln Electric, Inc.
- Mastercam / CNC Software, Inc.
- Mazak Corp.
- Mitutoyo America Corp.
- OMAX Corp.
- Sandvik Coromant, Inc.
- Seco Tools, Inc.
- Siemens PLM Software – GO PLM
- Southwestern Industries, Inc.
- Symbol Training Institute
- Vincennes University
- VMH International

The 2012 event was made possible through industry support, and stakeholders, particularly The Association for Manufacturing Technology (AMT), which provided space, build-out, technical and financial assistance.

SkillsUSA 2012

As in 2010 and 2011, the CNC Milling, CNC Turning, and Precision Machining Technology contests saw an increased number of contestants from across the country, particularly in the PMT area. Gold medalists from state-level contests totaled 149, with 41 contestants in CNC Milling, 37 contestants in CNC Turning, and 71 in the PMT contest.

Contestants were faced with a series of skill and related theory challenges, including process control, CNC programming, an oral professional development assessment, and various written exams. Precision Machining Technology students also completed manual machining events at the nearby Metropolitan Community College – Business and Technology Center.

A contribution of \$20,000 was provided by AMT – The Association for Manufacturing Technology – continuing the Association’s support for the SkillsUSA National Championships.

The Gene Haas Foundation also supported students with a \$27,000 grant to the SME Education Foundation for the development of a SkillsUSA Machining Championship Award Program. Through this donation, medalists from each contest received a scholarship in the amount of \$2,000 (gold medalists), \$1,500 (silver medalists), or \$1,000 (bronze medalists), for the purpose of continuing their technical education after the 2012 championship.

Siemens Industry, Inc. provided National Precision Machining Student Scholarships so that contestants may become registered with NIMS and subsequently pursue two NIMS credentials, which are national and industry-recognized.

During the contest week, a dinner was held in recognition of judges and industry volunteers, which was made possible thanks to the Society for Manufacturing Engineers.

The following companies provided funding for contest operation, donated materials, machines, and /or equipment to contest areas, or provided staff to assist with the various contest areas:

- Association for Manufacturing Technology (AMT)
- Boston Centerless
- Boston Tooling & Machining Association, Inc.
- Calculated Industries
- Crossland Machinery Company, Inc.
- Delmar Cengage Learning
- Dobkins Drill Systems, Inc.
- Gene Haas Foundation
- Haas Automation, Inc.
- Honeywell FM&T
- Howard Machine
- Immersive Engineering
- Industrial Press
- Irwin Industrial Tools
- Metropolitan Community College – Business & Technology Center
- National Tooling & Machining Association (NTMA)
- Neosho Industrial Supply
- Oberg Industries, Inc.
- Precision Metalforming Association Education Foundation (PMA EF)
- R&D Leverage
- Sandvik Coromant Company
- Siemens Industry, Inc.
- Society of Manufacturing Engineers (SME)
- Southern Manufacturing Technologies
- TCI Precision Metals
- The L.S. Starrett Company
- United States Department of Labor, Missouri Office

Delmar Cengage Learning's Precision Machining Technology Textbook

Since its debut, sales of the only NIMS-endorsed textbook have continued to exceed expectations, with thousands of books sold to training programs nationwide. Supplemental materials are now available, including a "Workbook and Project Manual" and an Instructor Resource CD that features a comprehensive test bank, editable PowerPoint presentations, and every image from the PMT textbook.

United States Military

A major advancement in 2012 was the increased role of manufacturing skill sets and credentials for active and separating service men and women. A White House initiative in early Spring 2012 assigned military branches and industry partners to establish accessibility to industry credentials for active service members who are undergoing Military Occupational Specialties training, as well as for veterans and those who will soon separate from service, for the purpose of obtaining civilian employment after military service has finished.

NIMS Executive Director James Wall attended meetings at the White House and Pentagon to assist in organizing a blueprint to crosswalk Military Occupational Specialties and service-related credentials into civilian training experience, ultimately resulting in NIMS Credentials for service members. As of December 2012, NIMS has secured a training partnership at the US Army Ordnance School in Fort Lee, VA, which trains members of the Army, Marine, National Guard, and Reserves. To date more than 300 of our credentialing exams have been assessed at Fort Lee, resulting in more than 266 credentials issued.

We are currently organizing an arrangement with the US Navy's Naval Station Great Lakes in Illinois.

South African National Tooling Initiative Programme (NTIP)

The effort of the National Tooling Initiative Programme in South Africa continued to be steadfast in credentialing trainees across the country in manual machining skills. Just over 700 credentialing exams were taken in 2012 in, with more than 500 receiving passing scores.

H-1B Technical Skills Training Grant

Training and job placement activities continued in the three training regions of Alabama, Chicago, and Southern California.

Finances

The annual audit for 2011 was submitted to the Board and all required financial documents submitted to IRS and appropriate agencies on a timely basis. Financial reports are submitted to the Board on a quarterly basis. The 2012 audit was completed in February 2013.

NIMS Board of Directors/Executive Committee

NIMS is governed by a Board of Directors that set broad policy and an Executive Committee that is responsible for the budget and the work of the executive director. The following page contains the current member list of the NIMS Board of Directors.

2012 Board of Directors**Kimberly Arrigoni**

Controller,
[Haberman Machine, Inc.](#)
St. Paul, MN
kima@habermanmachine.com

John Belzer

President,
[TCI Precision Metals](#)
Gardena, CA
jbeler@tciprecision.com

Bruce Braker

Director,
[Chicago Manufacturing Renaissance Council](#)
Chicago, IL
bbraker@clcr.org

Greg Chambers

Chairman of NIMS Board /
Director of Compliance,
[Oberg Industries, Inc.](#)
Freeport, PA
greg.chambers@oberg.com

George Crossland

President,
[Crossland Machinery Company](#)
Kansas City, MO
cmckc@crossland.com

Garrick Davis

Legislative Director for
Financial & Economic Policy,
[National Urban League Policy Institute](#)
Washington, DC
gdavis@nul.org

Paul Huber

President,
COMEX
Bridgeport, CT
comex@conversent.net

John Jacobsen

Senior Manager,
Sandvik Coromant Academy,
[Sandvik Coromant US](#)
Fair Lawn, NJ
john.jacobsen@sandvik.com

Greg Jones

Vice President,
Smartforce Development,
[AMT – The Association for Manufacturing Technology](#)
McLean, VA
gjones@amtonline.org

Roderick Jones

Chief Learning Officer,
[Mori Seiki University](#)
Rolling Meadows, IL
rjones@moriseiki.com

Mark Lashinske

Manufacturing Manager,
[Modern Industries, Inc.](#)
Phoenix, AZ
markl@modinds.com

Bob Laudeman

Regional Executive Assistant,
[U.S. Department of Labor Office of Apprenticeship](#)
Baltimore, MD
laudeman.robert@dol.gov

Brian P. McGuire

President,
Tooling & Manufacturing
Association
Park Ridge, IL
bpmcguire@tmanet.com

Harry Moser

Founder, [Reshoring Initiative](#)
Chairman Emeritus,
[GF Agie Charmilles](#)
Kildeer, IL
harry.moser@comcast.net

Mario Reyna

Dean, Business & Technology,
[South Texas College](#)
McAllen, TX
reyna@southtexascollege.edu

Dave Sansone

Executive Director,
[PMA Educational Foundation](#)
Independence, OH
dsansone@pma.org

Jack Schron

President,
[Jergens Inc.](#)
Cleveland, OH
jack.schron@jergensinc.com

Bob Skodzinsky

HTEC Program Director,
[Haas Automation HTEC Network](#)
Sarasota, FL
bobskodzinsky@gmail.com

Roy Sweatman

President,
[Southern Manufacturing Technologies, Inc.](#)
Tampa FL 33634-4422
roy@smt-tampa.com

Dave Tilstone

President,
[National Tooling & Machining Association](#)
Independence, OH
dtilstone@ntma.org

Bobby Veach

Vice President & General
Manager,
[Wright Industries, Inc.](#)
A Doerfer Company
Nashville, TN
bobby.veach@rts-group.com

Sherrie Williams

IAM/Boeing Apprenticeship Office,
[The Boeing Company](#)
Auburn, WA
sherrie.e.williams@boeing.com

NIMS Stakeholders

NIMS Stakeholders have invested over \$7.5 million in private funds for the development of the NIMS standards and credentials. These associations contribute annually to sustain NIMS operations and are committed to the upgrading and maintenance of the standards.

[AMT – The Association for Manufacturing Technology](#)



[National Tooling & Manufacturing Association](#)



[Precision Machined Products Association](#)



[Precision Metalforming Association](#)



[Tooling & Manufacturing Association](#)

