



# AVAILABILITY NEWSLETTER

Fall 2008

## Kudos!

A whole hearted congratulations goes to [Ron Clark Construction](#) for winning the 2008 Minnesota Business Ethics Award (MBEA).

Ron Clark Construction and Design is an Edina based neighborhood developer and home builder with more than 30 years experience in the Twin Cities.

A thanks goes to Cherri Engstrom, an NTI grad and advisory board member for alerting us to her firm's honor.

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Dear Friends of NTI,

The past few months have been extremely busy for NTI. The activity in the placement department is very exciting. We have been able to bring in business and industry to the class rooms of our students. Representatives from both the Architecture and Engineering Technology industries share career choices and industry options. With an ever changing economy, we at NTI have not experienced a slow down or "down turn" in the number of jobs and internships available to our students. This is exciting news to our current students and alumni. Options in the Architecture field are ever increasing as well in spite of the news in the housing market. More and more architecture or building and construction related positions in fire protection, HVAC, and building products in the commercial sector have been steadily increasing. We have seen a huge increase in the number of employers seeking part time interns. These internships provide a valuable experience for our students but also provide a great value to businesses. It is one of the best ways for employers to experience how well an individual will be a "good fit" in the organization. It also allows students to make a more informed decision about a job offer and whether or not they see themselves working for that particular company in the future.

Inside this newsletter you will find a short profile of both Architectural Building Technology and Product Design and Engineering Technology students that will be graduating on October 16, 2008. If you are interested in interviewing any of our students, you can reach them directly at the number or email above their profile. Please feel free to contact me with any additional information or for a full resume. All of our students will have professional quality resumes and references available for future hiring managers and employers.

We appreciate the confidence and support you show in hiring NTI graduates and current students with internships. It has been a privilege working with the businesses that have hired our graduates and working with internship programs. I will continue to work on behalf of our students and business community to provide the best talent and best fit for a mutually rewarding experience.

I would like to invite you to our upcoming NTI Open House/Summer Job Fair on August 22, 2008 Contact me to reserve a table or RSVP. We look forward to seeing you.

Respectfully,

Theres Heïmel

Director of Placement  
[theïmel@nti.edu](mailto:theïmel@nti.edu)

Summer JOB FAIR  
August 22, 2008  
11 AM-4 PM



# ARCHITECTURAL BUILDING TECHNOLOGY

During their tenure at NTI, these graduates have studied curriculum which includes over 930 hours of AutoCAD 2006, and 2007; as well as residential construction methods and building materials, I.R.C and energy calculations. Third and Fourth semesters focus on Revit 2008, commercial design, construction documentation, commercial building materials, I.B.C, estimating, field documentation and Architectural Capstone. This along with mathematics and communications will make these graduates a valuable addition to your

 **EMILY HANSON**

 [emilyhanson18@aol.com](mailto:emilyhanson18@aol.com)

 **952-334-5870**

My goal is to be part of a dynamic team where I can gain experience in the architectural industry and provide value and services while advancing in my drafting skills. In addition to attending NTI I have been working part-time as a curtain wall CAD engineer for six months as an intern. I consider myself to be highly self motivated, flexible extremely responsible and professional.

Six months industry experience (drafting curtain walls)  
AutoCAD 2006, 2007, and 2008

Residential and commercial drafting  
Revit 2008

 **BRANDON SHERMER**

 [shermerbrandon@yahoo.com](mailto:shermerbrandon@yahoo.com)

 **763-213-9040**

While completing my degree at Northwest Technical Institute, I am seeking a career opportunity to apply my knowledge and skills learned in the architectural drafting industry. I'm an extremely personable individual who likes to embark on opportunities and learn more than the basics. I have residential architectural construction experience through a family owned housing and masonry business. I have an immense knowledge of computer hardware and software as well as new technology. I am looking forward to expanding my knowledge and sharing my strengths with a future employer.

Revit Architecture 2008  
AutoCAD 2007 and 2008  
AutoCAD 2007 and 2008

Family owned residential housing construction experience  
AutoCAD LT 2004      On line Portfolio: [brandonshermer.efoliomn.com](http://brandonshermer.efoliomn.com)

 **TIMOTHY PALMER**

 [tpalmer@student.nti.edu](mailto:tpalmer@student.nti.edu)

 **952-594-2160**

After graduation I look forward to using my skills at NTI in a drafting position in the architectural field. I am currently working with AutoCAD 2008 and 2009. I also have experience in AutoCAD 2007 and Revit Architecture 2008. I look forward to working with a company in a position in which I will be challenged and I can further develop my skills as a drafter.

AutoCAD 2007, AutoCAD 2007 and AutoCAD 2008  
Revit 2008

Excellent computer skills  
Microsoft Work, Power Point, an Excel

 **CARLEY REUTER**

 [Carley49@yahoo.com](mailto:Carley49@yahoo.com)

 **507-250-2905**

I am seeking an opportunity to utilize my drafting skills to benefit my employer and provide the best and most accurate end product while expanding my knowledge and skills in the drafting field. I am a dependable and hard working individual eager to start a career in the architectural field.

AutoCAD 2006, 2007, and 2008  
Revit 2008

One year manual drafting  
Residential and Commercial drafting experience

 **THOMAS ROONEY**  **trooney\_07@yahoo.com**  **651-357-0282**

I am looking to obtain a challenging and rewarding full time position in the drafting and design field. With the knowledge and skills I have obtained at NTI, I feel I will be an excellent addition to any firm. I have been known to be a very trustworthy person with a strong work ethic and a desire to learn more. I have great people skills, with both coworkers and customers. I am eager to begin a career that offers responsibility and professional growth. I have enjoyed using Revit to create accurate and precise drawings with relative ease compared to other programs. I have had a passion for architectural drafting ever since my first AutoCAD class back in my freshman year of high school.

- |   |  |
|---|--|
| 5 years experience using AutoCAD 2002-2008 (all versions) | Residential and Commercial Drafting experience |
| Revit 9.0, 2008   | Willing to relocate                            |
| Microsoft Office programs                                 |  |

 **RICHARD SCHMIDBERGER**  **rschmidberger@hotmail.com**  **651-587-1729**

I am pursuing a fast paced career with the opportunity for advancement in the Architectural CAD drafting field. I am a very motivated, hard working individual with extensive knowledge and skill in the Architectural Drafting. I have maintained a 3.94 GPA in school while working part time in the industry. During my second semester at NTI I was a teacher's assistant for the school. I have also been working for and Architectural Sheet Metal company creating their shop drawings and upgrading their computers. I have a wide ranging experience in the drafting, construction, remodeling, ready-mix concrete, millwork, computer networking, IT, and many others. With the right company, I know that I can use my skills and understanding to help the company excel.

- |   |                                   |
|---|-----------------------------------|
| 5 years of AutoCAD experience   | 4 years fabrication experience    |
| Revit 2008  | 2 years supervisory experience    |
| 4 years construction experience   | Computer networking and IT skills |
| On line Portfolio: <a href="http://richardschmidberger.efoliomn.com">richardschmidberger.efoliomn.com</a> |                                   |

 **ANDREA MAGNUSON**  **amagnuson@live.com**  **763-370-9032**

Ever since I was told to draw a house in the 4th grade I have wanted to be involved in the field of architecture. I continued drawing houses, and took every CAD class available in high school until my senior year when my only option was to be my teacher's assistant. My goal has always been to design custom homes. I believe designing custom homes to be quite a privilege requiring ample creativity and work experience. I have worked in the construction industry for ten months during college, specializing in the drafting of HVAC systems. It has allowed me to be involved in all aspects of the construction process: from bid, all the way through design, draft, permit, and build, along with all the struggles in between. Overcoming these struggles and building relationships with co-workers, construction management, and other companies that help make these building come to life are the great strengths one can gain from the work experience. In my future years of professional growth I hope to earn more experience and knowledge in CAD and technical skills, as well as imagination and hard work. I hope to be able to strive in life to be of value as well as a success.

- |  |  |
|--|--|
| Six years AutoCAD experience (R14, 2000, 2002, 2006, 2007, 2008)             | Quick learner, detail oriented         |
| Revit 2008 experience  | Self-disciplined, organized dependable |
| American Red Cross certified, CPR, AED, Emergency Oxygen, and First Aid      | Honest and reliable                    |
| Ten months industry drafting experience (HVAC)                               | Leadership and Communication skills    |
| Skilled in Microsoft Office, Word, Excel, PowerPoint, Outlook, and Publisher | Passionate about architecture          |
| Strong ability to prioritize   | Cumulative College GPA of 3.88         |

## Open House Events (August 22, 11-4)

• Barbeque	• Financial Aid Seminar
• Software Demonstrations & Presentations	• Job Intern Seminar
• Alumni Presentations on their Careers	• High Mileage car Exhibit
• Job Fair	• Cool Math Presentations



## PRODUCT DESIGN & ENGINEERING TECHNOLOGY

During their tenure at NTI, these graduates have been exposed to a comprehensive study of drafting and design using SolidWorks and ProEngineer Wildfire 3.0. Each student has received training in sheet metal design and its processes, tool design, advanced modeling concepts (including surfacing, sweeps and lofts), a wide array of manufacturing processes, DFM and DFA, material properties and applications, conventional and geometric dimensioning and tolerancing, and ANSI Y14.5M (R2000) standards. This along with Mathematics and Communications make these graduates a valuable addition to any company.

### ✂ WESLEY DEMASTER

✉ Wesley.DeMaster@gmail.com

☎ 608-780-5380

I am pursuing a full time career in the mechanical design industry, after graduating from Northwest Technical Institute. With the experience and education that I have I feel I am a good candidate. I am easy to work with and I get along with others well. My experiences of living and growing up on a farm have given me a good mechanical aptitude and a strong, dynamic work ethic. I love to learn and I am always more that ready to challenge myself and try new things.

Two yeas CAD experience

Currently maintaining a 3.89 GPA

Four month internship using SolidWorks at MTS Corporation

(One year SolidWorks, One year ProEngineer/Wildfire 3.0)

Internship at Simmer Spine using SolidWorks and ProE 4.0

### ✂ LUKE KUBITSCHEK

✉ lkubitschek@yahoo.com

☎ 651-235-5283

Upon graduation from Northwest Technical Institute I would like to enter into a career that I will be able to advance in based on my work ethics. I would like to enter either the medical or mechanical industry. I am a very skilled person and have worked hard at all my jobs that I have had. I am looking forward to opportunities to advance in my industry and my life.

Two years Designing and Drafting in SolidWorks and ProEngineer

Three years work experience at Langness Enterprise Car and truck body repair

Mechanical and Architectural Drafting, Woods, Metals, and Building Construction Classes

College GPA of 3.46

### ✂ CALEB SABROSKI

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☎ 952-380-8892

Upon my graduation from Northwest Technical Institute I would like to find a position where I will be able to use the skills that I have learned my education. I have had over 500 hours of ProE Wildfire 3.0 and Solid Edge. I am looking forward to having a position that will challenge my skills that I have acquired and add value to a company.

Six month industry experience utilizing ProE and Solid Edge

ProEngineer Wildfire experience

SolidWorks 2007

### ✂ ERIC SUMMERFIELD

✉ ericsummerfield@gmail.com

☎ 612-250 3342

While attaining a degree through NTI I have also been able to gain experience in the mechanical industry as an intern. With these combined experience I am excited to advance my skills and knowledge further into the engineering design industry. I am always looking to gain knowledge and experience in every aspect of this industry.

More than two years experience in CAD (SolidWorks)

Four months industry experience (internship)

Ability to adapt and learn quickly

One year ProEngineer experience

Five years of experience with automated machines

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## NTI NEWS and Events

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### Internships Abound!

Student internships are increasing. Over 1/3 of current students have internships in their chosen field. Many companies hire 2 students, one in the morning and one in the afternoon, to share one position. These internships help the company by getting work done while keeping costs down, and help the student by giving them valuable experience. We thank these companies for their support and congratulate these students.

#### 1st semester students (5 of 34)

- Ed Gesch at Remmele Engineering
- Josh Gesch at Remmele Engineering
- Travis Brown at DSI – Rogers
- Matt Hoefler at HAF Architects
- Joe Hoefler at HAF Architects

#### 2nd semester students (3 of 10)

- Bill Jugovich at Toro
- Anton Miller at Remmele Engineering
- Joe Schultz at Schultz Bros Remodeling

#### 3rd semester students (23 of 49)

- Joshua Ernst at Toro
- Jeff Sorenson at Toro
- Josh Clark at Atlas Manufacturing
- Wayne Borden at Atlas Manufacturing
- Kalysha Rivera at Silverking
- Cory Christofferson at Graco
- Adam Balow at Graco
- Dan Laska at Remmele
- Arlan Jobe at PaseGroup
- Matt Stenulson at Zimmer Spine

- Julie Braschayko at PiercePini Associates
- Steve Uscensky at Clam Corporation
- Michael Broeker at Grazzini Brothers
- Derrick Kovach at General Pump
- Jordon Lewis at NewBio E Systems
- Emma McIntosh at Robert Rippe & Associates
- Nick Harding at Minnesota Conway
- Cory Sparling at Minnesota Conway
- Nate Resch at Overhead Door
- Jacob Krugen at New Mech
- Carl Monson at Navion Sierra Hotel Area
- Scott Bruins at Toro
- Brandon Schirmer at NuAir

#### 4th semester students (7 of 10)

- Wesley DeMaster at Zimmer Spine
- Caleb Sabroski at Nu-star
- Eric Summerfield at Exlar
- Rick Schmidberger at Atomic Architectural Sheet Metal
- Tim Palmer at JEA Architects
- Emily Hanson at Enclose
- Andrea Magnuson at Gilbert Engineering

### CLEP at NTI

Any person seeking an associate or baccalaureate degree (at any college) can now earn college credit toward a degree at NTI through the [College-Level Examination Program \(CLEP\)](#). The program is a nationally recognized service operated by the College Board that permits students to earn credit for previous learning and general knowledge. There are 2,900 colleges that grant credit and/or advanced standing for CLEP exams. As such, students can easily transfer these credits to other colleges.

Through CLEP testing, students may earn credit toward graduation for courses in general education subjects (communications, humanities, social sciences, mathematical reasoning and natural sciences). To earn credit, students must earn a score equal to or greater than the [ACE Recommended Score](#). Our own President, Keith Fossen, earned the majority of his BS degree via testing. It greatly speeds the degree earning process, as well as reduce the cost.

The state of Minnesota has been paying the CLEP exam fee (\$70) for MN public, private and home educated high school students for the past few years. Students will still need to pay NTI to administer each test (\$15). Interested high school students can contact their high school counselor or principal for an authorization form or for more information. Authorization forms and detailed information is available through the [State Education Web Site](#).

All tests are taken via a computer. Testers login, give CLEP their Credit Card information, answer some demographic questions, learn how to take the test, and then enter the actual test, which consists of 70-120 multiple choice questions. CLEP allows testers 90 minutes to answer the questions, but allow 2 hours from login to logout. The great thing is, you know when finished how you did.

## New General Education Courses at NTI

NTI has long had complementary general education courses. But as time passes, so must curriculum change to meet the needs of students and employers. In March, NTI changed its general education structure to include 3 credits each of communication, humanities, and social science. The new communication courses were designed based on feedback from faculty and employers. The communications course is more intense than previously offered and includes much more electronic communication. For the humanities requirement, we have chosen an ethics course. This was a popular course choice with employers on our advisory board. For the social science requirement, we have chosen a history course that will give students a past perspective of the designs that have preceded them.

### COMM100      Organizational Communication

Students learn communication theories and methods applicable within organizations, including work groups, communication channels and strategies, presentations, meetings, conflict management, written correspondence (including electronic), and formal and impromptu speeches.

### PHIL100      Ethics

Students will be introduced to the principles of morality through a critical examination of various ethical theories and their application to contemporary moral problems, including issues arising in relationships (interpersonal, societal and occupational).

### HIST100      History of Innovation

Students examine creative engineering, architecture and design throughout history, examining the history of each as well as how they came together in the 21st century to change how basic science influenced a new world of creative engineering and design strategies.

## NTI Staff Changes

**Glenn  
Geissigner**



### **General Education Instructor**

Glenn has been teaching in the architectural program at NTI for 17 years and has been Director of Education for nearly a decade. But starting this term, Glenn has accepted a new role as general education instructor, in addition to his role as Director of Education.

As was stated in the article above, a new general education curriculum was implemented in March. Glenn started teaching Ethics this term, and will start teaching History of Innovation and Organizational Communication next term.

This position will allow Glenn to know every student at NTI, which can be very valuable in his role as Director of Education. Glenn's background in human services, theology and psychology, as well as his in depth knowledge of our students and employer's needs, makes him a great fit for this position. We all are looking forward to this transition.

**Stacy  
Connolly**



### **Architectural Instructor**

Stacy Connolly joined NTI after working in commercial architecture for more than 7 years. She will be teaching 3rd and 4th semester, which focus of commercial architecture.

Stacy graduated from NTI in 2001 and has been working for the Cunningham Group ever since. Her last role has been as their CAD Drawing Manager, Technical Trainer and Revit guru. She is also Director of 6th Grade Ministry at St. Michaels Lutheran Church.

Her experience, technical skills, managerial skills and communication abilities are a great addition to an already fantastic Architectural Department.