

## About the Instructors

# Presents: Simplified Prosthetics



**Hampton Inn and Suites**

**165 Remington Blvd, Bolingbrook IL 60440**

**July 19, 2014**

**CREDITS:**

THIS COURSE HAS BEEN APPROVED FOR 7.5 CONTACT HOURS BY THE ILLINOIS  
PHYSICAL THERAPY ASSOCIATION, ILLINOIS OCCUPATIONAL THERAPY  
ASSOCIATION, AND AMERICAN BOARD FOR CERTIFICATION IN ORTHOTICS,  
PROSTHETICS, AND PEDORTHICS.

To Request More Information Please Contact:

Polaris Rehabilitation  
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Bolingbrook, IL 60440  
Phone: 630-914-5943  
Fax: 800-877-3496  
E-Mail: [Info@Polarispt.Com](mailto:Info@Polarispt.Com)

- Mr. Thomas Karolewski, MA, CP/L, FAAOP is the Supervisor of Orthotics and Prosthetics Clinic at Hines VA hospital and serves as the residency director for the Orthotics and Prosthetics residents at Hines VA hospital. Mr. Karolewski has two national appointments for the veteran's administration, The National Orthotics and Prosthetics Field Advisory Council and The National Commission for Orthotics and Prosthetics Education Standards. Mr. Karolewski served as full time faculty for Northwestern University Feinberg School of Medicine for twenty years and is still adjunct faculty for the Orthotics and Prosthetics school as well as adjunct faculty for the education department for Concordia University.
- Gerald Stark, MSEM, CPO/L, FAAOP is the Senior Upper Limb Clinical Specialist for Ottobock Healthcare based in Minneapolis, MN. He holds a Mechanical Engineering Degree as well as a Master of Science in Engineering Management. In his 24 year career, he has held various administrative positions in Engineering, Clinical Care, Product Development, and Education. Gerry is a former instructor at Northwestern University Prosthetic Orthotic Center in Chicago and continues to serve as a Contributing Faculty Member. He has written and presented numerous topics nationally and internationally and was honored as an "Outstanding Engineering Alumni" for Northern Illinois University in 2006.
- Ms Nydia Marzan-Harding, CPO/L is a mechanical engineer and is the newest member of the Polaris family. She is certified as a Prosthetist and Orthotist by the American Board for Certification in Orthotics, Prosthetics & Pedorthics and licensed in Illinois. She was a faculty member at Northwestern University for two years. She is currently working on her Masters of Education degree. Ms Marzan-Harding serves on the board of directors in the Midwest Chapter of AAOP.
- Alma Deguzman, PT, C. Ped is the founder of Polaris Rehabilitation. She graduated from De La Salle University, Philippines in 1993 and has since practiced in various clinical settings. She specializes in foot and spine rehabilitation. She obtained her Illinois Pedorthic license in 2009. She completed a Certificate in Orthotics and Prosthetics education at Northwestern University and has recently incorporated orthotics and prosthetics in her practice. She is currently pursuing a Doctor of Physical Therapy degree through the College of Saint Scholastica in Duluth Minnesota. The years of clinical experience in physical therapy and the knowledge in Pedorthics, Orthotics, and Prosthetics helps her in providing a thorough and comprehensive care to her patients.

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## Course Description

This course will help practitioners provide a more comprehensive treatment for patients with an amputation. This will be achieved by providing practitioners with knowledge of amputation levels and causes. Prosthetic materials, components, and design criteria will also be covered. Normal human locomotion will be presented along with prosthetic and amputee causes to gait deviations.

Attendees will also get to see how all these components are weaved together by the prosthetists in order to formulate a treatment plan and provide follow up care.

## Course Objectives

Upon Completion of this course, participants will be able to:

- Understand the amputation levels.
- Understand what makes upper limb and lower limb disarticulations different biomechanically.
- Describe the major components of upper limb and lower limb prosthesis.
- Understand the indications and contraindications for these major components.
- Know the pertinent features of prosthetic assessment.
- Identify prosthetic or amputee caused gait deviations.
- Integrate knowledge of amputation levels, prosthetic components, patient assessment and gait deviations to formulate treatment goals.
- Demonstrate 85% accuracy in the post lecture examination.

**Target Audience:** PTs, PTAs, OTs, COTAs, CPOA, CPAs

## 1-Day Seminar Course Lecture Schedule

8:00am - 8:30am	Registration
8:30am - 8:45am	Course Overview & Introduction
8:45am -9:45am	Amputation: Level Terminology, Causes, Demographics
9:45am - 10:45am	Prosthetic Patient Assessment and K-Levels
10:45am-11:00am	Break/Exhibit
11:00am-12:00pm	Design Principles of Prosthetic Sockets and Suspension
12:00pm - 1:00pm	Lunch provided
1:00pm - 2:00pm	Design Principles of Prosthetic Knees and Feet
2:00pm - 2:45pm	Component Description and Exhibit
2:45pm -3:15pm	Break out: Normal Human Locomotion (PTs) /Myoelectric Arm (OTs)
3:15pm - 3:30pm	Break/Exhibit
3:30pm - 4:30pm	Break out: Prosthetic & Amputee Gait Deviation (PTs)/Myoelectric Arm (OTs)
4:30pm - 5:30pm	Functional Outcome Measures and Prosthetics/PT Integration
5:30pm - 5:45pm	Questions/Exam

*This course content is not intended for use by any participants outside the scope of their license or regulation. The Illinois Chapter Continuing Education Committee has approved this course according to the Criteria for Approval of Continuing Education offerings established by the Illinois Physical Therapy Association.*

*This course has been approved for continuing education hours for occupational therapy practitioners by the Illinois Occupational Therapy Association.*

## Registration Form

Registration Deadline: 14 day prior to course  
Course Fee: \$ 149 at least 30 days prior to course date  
\$ 169 under 30 days from course date

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Work Phone: \_\_\_\_\_

Home/Cell Phone: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Profession/Title: \_\_\_\_\_

### Method of Payment:

Check: Check Payable to Polaris Rehabilitation

Visa  Discover

MasterCard  America Express

Credit Card#: \_\_\_\_\_ Exp. Date \_\_\_\_\_

Signature \_\_\_\_\_ Security Code \_\_\_\_\_

Cardholder name (if different from above) \_\_\_\_\_

Please check method of confirmation:

E-Mail  Fax  US Mail

Confirmation letter will be sent out within 7 days after receipt of registration.

### Cancellation Policy:

All cancellations must be received in writing 14 days prior to course date. There will be \$50.00 Non-refundable administration fee for cancellations less than 14 days before the course.

Polaris Rehabilitation reserves the right to cancel a course and will refund the full registration fee. Polaris Rehabilitation is not responsible for any other expenses incurred by registrant in connection to this course.

I have read and understand the cancellation policy stated herein:

Signature \_\_\_\_\_ Date \_\_\_\_\_