



# 2011-2012 Orthotic Technology

**Due to the high demand for this program, the college cannot guarantee that students will start their career/occupational coursework in their early semesters. General education courses and other program requirements are usually available. Contact Stan O'Connor at 651-773-1739 or stan.oconnor@century.edu to be placed on the program wait list.**

Orthotic Technology—Associate in Applied Science Degree—64 credits  
 Orthotic Technician—Diploma—46 credits

## Orthotic Technology Associate in Applied Science Degree

### Program Description # 5288

The Orthotic Technician program prepares students for entry into the field of Orthotics at the technician level. Didactic and laboratory coursework is combined with individualized instruction in the areas of lower limb, upper limb, and spinal. Each of these areas contains instruction in anatomy, terminology, measurement forms, fabrication process, system alignment, and suspension techniques, components, materials, repair and maintenance procedures. The clinical section enables the students to practice fabrication skills in an orthotic facility for a minimum of 160 hours.

Course	Credits
<b>Career/Occupational Requirements</b>	<b>40</b>
ORTE 1020 Introduction to the Orthotic Lab and Basic Hand Skills	5
ORTE 1030 Spinal Orthoses Fabrication	5
ORTE 1040 Foot Orthosis Fabrication and Shoe Modification/Repair	3
ORTE 1050 Stirrup Layout and Fabrication	3
ORTE 1060 Ankle-Foot Orthosis Fabrication	3
ORTE 1070 Knee-Ankle-Foot Orthosis Fabrication	5
ORTE 2000 Leather Work for Lower-Limb Orthoses	4
ORTE 2010 Thermoplastic Orthoses	4
ORTE 2020 Upper Limb Fabrication	4
ORTE 2780* Orthotic Technician Clinical	4

### General Education/MnTC Requirements 20

Four (4) MnTC credits beyond the minimums are needed to reach 20 credits. See MnTC course list for options.

#### Goal 1 – Communication 7

ENGL 1021 Composition I	4
COMM 1031 Interpersonal Communication	3

#### Goal 2 – Critical Thinking

Fulfilled automatically when all other MnTC goals are complete.

#### Goal 3 and/or Goal 4 – Sciences/Math/Logical Reasoning 3

PHYS 1020 Physics Concepts - recommended	3
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#### Goal 5 – History/Social and Behavioral Sciences 3

PSYC 1041 Developmental Psychology - recommended	3
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#### Goal 6 – Humanities and Fine Arts 3

PHIL 1035 Biomedical Ethics-recommended	3
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### Goal 7, 8, 9 or 10

Three credits in **ONE** of the four goals – Fulfilled by COMM course.

### Additional Requirements

Sufficient credits to total 64.

**Total Credits 64**

## Orthotic Technician Diploma

### Program Description # 5632

The Orthotic Technician program prepares students for entry into the field of Orthotics at the technician level. Didactic and laboratory coursework is combined with individualized instruction in the areas of lower limb, upper limb, and spinal. Each of these areas contains instruction in anatomy, terminology, measurement forms, fabrication process, system alignment, and suspension techniques, components, materials, repair and maintenance procedures. The clinical section enables the students to practice fabrication skills in an orthotic facility for a minimum of 160 hours. A tuition differential is applied to this program.

Course	Credits
<b>Career/Occupational Requirements</b>	<b>40</b>
ORTE 1020 Introduction to the Orthotic Lab and Basic Hand Skills	5
ORTE 1030 Spinal Orthoses Fabrication	5
ORTE 1040 Foot Orthosis Fabrication and Shoe Modification/Repair	3
ORTE 1050 Stirrup Layout and Fabrication	3
ORTE 1060 Ankle-Foot Orthoses Fabrication	3
ORTE 1070 Knee-Ankle-Foot Orthoses Fabrication	5
ORTE 2000 Leather Work for the Lower Limb Orthoses	4
ORTE 2010 Thermo-Plastic Orthoses	4
ORTE 2020 Upper Limb Fabrication	4
ORTE 2780* Orthotic Technician Clinical	4

### General Education/MnTC Requirements 6

#### Goal 1 – Communication 3

Select **ONE** of the following communication courses:

ENGL 1021 Composition I	4
COMM 1021 Fundamentals of Public Speaking	3
COMM 1031 Interpersonal Communication	3
COMM 1041 Small Group Communication	3
COMM 1051 Intercultural Communication	3

#### General Education/MnTC electives 2-3

See MnTC course list for options.

**Total Credits 46**

\*Completion of all MnTC credits is recommended before enrolling in ORTE 2780.

**MN Human Services Background Study:**

Minnesota Department of Health requires any individual having contact with patients to complete a background study prior to starting the clinical experience. An individual may be disqualified from having patient contact and would not be permitted to participate in the clinical experience. Student may contact the Minnesota Department of Human Service with specific questions: 651.296.3971.

**General Requirements:**

1. Diplomas: 31 to 48 earned college-level credits; one third of credits must be earned at Century College.  
AAS: At least 64 earned college-level credits (numbered 1000 or above). At least 20 credits must be earned at Century College.
2. Century college-level GPA of 2.0; Required career and occupational courses GPA of 2.0; MnTC GPA of 2.0.
3. A grade of *C* or higher in ENGL 1021 (for Diplomas ONLY IF this is the Goal 1 course selected.)

**Assessment:** *Assessments are required for all students before registering for classes.* Students may be required to take developmental courses in English, Reading and Mathematics based upon their assessment scores. For important information and exemptions see [www.century.edu/futurestudents/assessment](http://www.century.edu/futurestudents/assessment).

**References to the Minnesota General Education Transfer Curriculum (MnTC):** On this guide sheet, notations such as "Goal 1-Communication: 3 credits" are used to refer to the goals of the Minnesota General Education Transfer Curriculum. Refer to the MnTC Course List for the specific courses from which students may choose to fulfill the MnTC requirements of the program, found in the catalog, the Counseling Center and on the Century website. Students should be aware that it may be necessary to select additional MnTC credits beyond the minimum required in each goal area, to reach the total MnTC/General Education credits required for their program.

**Career Information:** Counselors are available in the Counseling and Career Center, Room 2400 West, to assist with educational and career planning. Resources available include career interest and personality inventories and print and web-based occupational and educational information, e.g., occupational descriptions, employment outlook, earnings, education/training requirements and sources. Consult the **GPS LifePlan** link on the Century website for information on these and more resources for your career, work, and educational planning!

**Transfer:** Some programs are intended primarily for employment preparation rather than transfer to a four-year institution. Some courses may not transfer to a number of four-year colleges. If you are considering the possibility of transfer, you may wish to talk with a counselor or the program instructor before registering to discuss your goals and look at programs designed for transfer. Metropolitan State University offers a transfer option for a Bachelor's degree in the Human Services department. See their Admissions office for information.

**Time Limit for Meeting Graduation Requirements:** See Century College catalog "Graduation" for information.

**Academic Petitions:** Any exceptions to the program requirements must be petitioned through the Vice President of Academic Affairs.

**Tool Cost:** Tools cost approximately \$800 and are required immediately upon entering the program.

**Contact Information:**

Admissions Office	<a href="mailto:admissions@century.edu">admissions@century.edu</a>	651.773.1700	Room 2350 West
Counseling Office	Click "Ask Century" at <a href="http://www.century.edu">www.century.edu</a>	651.779.3285	Room 2410 West
Financial Aid Office	<a href="mailto:finaid@century.edu">finaid@century.edu</a>	651.779.3305	Room 2320 West

**Program Contact Information:**

Tony Pehoski	<a href="mailto:tony.pehoski@century.edu">tony.pehoski@century.edu</a>	651.773.1738	Room 1358 East
Ed Haddon	<a href="mailto:ed.haddon@century.edu">ed.haddon@century.edu</a>	651.779.5777	Room 1357 East

\*\*Information on this Program Guide is subject to change. Changes and updates are posted on **century.edu**\*\*

An affirmative action, equal opportunity employer and educator. This document can be available in alternative formats to individuals with disabilities by calling 651-779-3354 or 1-800-228-1978 x3354 voice, 651-773-1715 TTY, or through the Minnesota Relay Service at 1-800-627-3529.