

ORTHOTIC TECHNOLOGY

2009-2010 Program Options:

Orthotic Technician Diploma (46)

Orthotic Technology AAS Degree (64)

Diploma: Orthotic Technician

Total Number of Credits: 46

Program Description: 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.

Application Requirements: High School graduate or GED

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.

Career/Occupational Requirements: 40 credits

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 Fabrication	4
ORTE 2010	Thermo-Plastic Orthoses	4

ORTE 2020	Upper Limb Fabrication	4
ORTE 2780	Orthotic Technician Clinical	4

General Education/MnTC Requirements: 6 credits*

Goal 1 – Communication: 3 credits

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 credits

See MnTC course list for options.

**Note: Completion of all MNTC credits is recommended before enrolling in ORTE 2780.*

Important Telephone Numbers: (651 Area Code)

Admission Office	773-1700
Counseling Office	779-3285
Financial Aid Office	779-3305

Program Instructors:

Tony Pehoski	Office: 3612 East	773-1738
Ed Haddon	Office: 3391 East	779-5777

Associate in Applied Science Degree: Orthotic Technology

Total Number of Credits: 64

Program Description: 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.

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Core/Career/Occupational Requirements: 40 credits

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 credits

5	<i>Four (4) MnTC credits beyond the minimums are needed to reach 20 credits. See MnTC course list for options.</i>	
5	Goal 1 – Communication: 7 credits	
3	ENGL 1021	Composition I 4
	COMM 1031	Interpersonal Communication 3
3	Goal 2 - Critical Thinking is automatically fulfilled when all other MnTC goals are complete	
3	Goal 3and/or 4 – Sciences/Math/Logical Reasoning: 3 cr.	
4	PHYS 1020 Physics Concepts - recommended	
4	Goal 5 - History/Social and Behavioral Sciences: 3 credits	
4	PSYC 1041 Developmental Psychology - recommended	
4	Goal 6 - Humanities and Fine Arts: 3 credits	
	PHIL 1035 Biomedical Ethics--recommended	
	Goals 7-10: Three credits in one of these four goals	
	Additional Requirements: Sufficient credits to total 64.	

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.

References to the Minnesota General Education Transfer Curriculum (MnTC): On this guidesheet, 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.