

PROSTHETIC TECHNOLOGY

2009-2010 Program Options:

Prosthetic Technician Diploma (46)

Prosthetic Technology AAS Degree (64)

Diploma: Prosthetic Technician

Total Number of Credits: 46

Program Description: The Prosthetic Technician program prepares individuals for entry into the field of prosthetics at the technician level. Didactic and laboratory coursework is combined with individualized instruction in the areas of lower limb and upper limb. Each of these areas contains instruction in anatomy, terminology, measurement forms, fabrication process, system alignment, suspension techniques, components, materials, repair and maintenance procedures. The clinical section enables the student to practice fabrication skills in a prosthetic facility for a minimum of 160 hours. Tuition differential 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

PRTE 1020	Introduction to Prosthetics	3
PRTE 1030	Anatomy of the Trans-Tibial Amputations	4
PRTE 1040	Trans-Tibial Socket Inserts, Alignment and Duplication	3
PRTE 1050	Finishing Procedures for Patellar Tendon-Bearing (PTB) Prosthesis	3
PRTE 1060	Fabrication of Patellar Tendon-Bearing (PTB) Joint and Lacer	3
PRTE 1070	Anatomy of Trans-Femoral Amputations	3
PRTE 1080	Trans-Femoral Socket Fabrication	4
PRTE 2000	Finishing Procedures for Trans-Femoral Prostheses	3
PRTE 2010	Thermoplastic Check Socket Fabrication	3
PRTE 2020	Anatomy of Upper Limb Amputations & Long Trans-Radial Fabrication	3

PRTE 2030	Fabrication of Short Trans-Radial and Trans-Humeral Prostheses	4
PRTE 2780	Clinical Internship Practicum	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 PRTE 2780.*

Important Telephone Numbers: (651 Area Code)

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

Program Instructors:

Stan O'Connor	Office: 3612 East	773-1739
Richard McDonald	Office: 3612 East	773-1739

Associate in Applied Science Degree: Prosthetic Technology**Total Number of Credits: 64**

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

Application Requirements: High School graduate or GED

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Core/Career/Occupational Requirements: 40 credits

PRTE 1020	Introduction to Prosthetics	3
PRTE 1030	Anatomy of the Trans-Tibial Amputations	4
PRTE 1040	Trans-Tibial Socket Inserts, Alignment, and Duplication	3
PRTE 1050	Finishing Procedures for Patellar Tendon-Bearing (PTB) Prostheses	3
PRTE 1060	Fabrication of Patellar Tendon-Bearing (PTB) Joint and Lacer	3
PRTE 1070	Anatomy of Trans-Femoral Amputations	3
PRTE 1080	Trans-Femoral Socket Fabrication	4
PRTE 2000	Finishing Procedures for Trans-Femoral Prostheses	3
PRTE 2010	Thermo-Plastic Check Socket Fabrication	3
PRTE 2020	Anatomy of Upper Limb Amputations & Long Trans-Radial Fabrication	3
PRTE 2030	Fabrication of Short Trans-Radial and Trans-Humeral Prostheses	4
PRTE 2780	Clinical Internship Practicum	4

General Education/MnTC Requirements: 20 credits

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

Goal 1 – Communication: 7 credits

ENGL 1021	Composition I	4
COMM 1031	Interpersonal Communication	3

Goal 2 - Critical Thinking is automatically fulfilled when all other MnTC goals are complete

Goal 3 and/or 4 – Sciences/Math/Logical Reasoning: 3 credits

PHYS 1020 Physics Concepts - recommended

Goal 5 - History/Social and Behavioral Sciences: 3 credits

PSYC 1041 Developmental Psychology - recommended

Goal 6 - Humanities and Fine Arts: 3 credits

PHIL 1035 Biomedical Ethics - recommended

Goals 7-10: Three credits in one of these four goals (Fulfilled by COMM course)

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 \$550 and are required immediately upon entering the program.