

RCTC PROGRAM PLAN

EMERGENCY MEDICINE PARAMEDIC

Associate of Science

Affiliated with the Mayo Clinic School of Health Sciences

I. MINNESOTA TRANSFER CURRICULUM (MnTC)/

GENERAL EDUCATION REQUIREMENTS.....32 CREDITS

Complete at least 30 credits in courses from the Minnesota Transfer Curriculum (MnTC), including all courses listed. You must complete at least one course in six of the ten goal areas.

GOAL 1: WRITTEN AND ORAL COMMUNICATION7 CR

COMM 1114, Fundamentals of Public Speaking **OR** COMM 1130, Interpersonal Communications, 3 cr
ENGL 1117, Reading and Writing Critically I, 4 cr

GOAL 3: NATURAL SCIENCES12 CR

BIOL 1217, Anatomy and Physiology I, 4 cr
BIOL 1218, Anatomy and Physiology II, 4 cr
CHEM 1117, General, Organic and Biological Chemistry I, 4 cr

GOAL 5: HISTORY AND THE SOCIAL AND BEHAVIORIAL SCIENCES10 CR

PSYC 2618, General Psychology, 4 cr
PSYC 2626, Human Growth and Development, 3 cr
SOC 1614, Introduction to Sociology, 3 cr

GOAL 6: HUMANITIES - THE ARTS, LITERATURE AND PHILOSOPHY3 CR

PHIL 1135, Bioethics, 3 cr

II. PROGRAM CORE REQUIREMENTS.....40 CREDITS

EMPP 1101, Paramedic Prep, 3 cr
EMPP 1105, Paramedic Experience I, 3 cr
EMPP 1205, Paramedic Experience II, 2 cr
EMPP 1230, Principles of Pharmacology, 4 cr
EMPP 1240, Paramedic Prep II, 3 cr
EMPP 1250, Cardiology and Pulmonology, 4 cr
EMPP 1255, Paramedic Experience III, 2 cr
EMPP 2105, Paramedic Experience IV, 3 cr
EMPP 2110, Medical Emergencies II, 4 cr
EMPP 2120, Shock/Trauma, 3 cr
EMPP 2205, Paramedic Internship, 2 cr
EMPP 2210, Medical Emergencies I, 3 cr
EMPP 2230, Simulation In-Situ Skills, 1 cr
EMPP 2250, Paramedic Prep III, 3 cr

III. ELECTIVES.....3 CREDITS

HLTH 1108, Weight Management Through Nutrition and Fitness, 3 cr
HLTH 1111, Health Education, 3 cr

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HLTH 1132, Drug Use and Abuse, 3 cr

MATH 1115, College Algebra, 3 cr

PHED 1105, Lifetime Fitness, 3 cr

TOTAL.....75 CREDITS

PROGRAM OUTCOMES:

Upon completion of the Emergency Medicine Paramedic program at RCTC, students will achieve the following outcomes:

- Know the principles underlying the profession of paramedicine, including anatomy, physiology, pathology, pharmacology and disorders recognized and treated by paramedics.
- Demonstrate knowledge of the modalities and skills used in emergency medical services and the ability to assess objectively the evidence for their effectiveness.
- Acquire skills for life-long, self-directed learning to update their knowledge of the practice of paramedicine after completion of their formal studies.
- Acquire the practical skills needed to work as a competent paramedic delivering emergency medical services.
- Assume responsibility for independent judgment in making sound decisions regarding patient management.
- Apply these skills to appropriate, safe, effective and compassionate patient care.
- Understand the use of quality improvement techniques to enhance the accuracy and appropriate of patient care for the paramedic.
- Practice both independently and collaboratively as part of a clinical teams and health care systems.
- Practice according to the ethical principles and legal requirements of the profession of paramedicine and of Mayo Clinic.
- Demonstrate cultural competency, respect for diversity and the ability to practice in diverse healthcare settings in a multicultural society.
- Exhibit appropriate skills of interpersonal communication with patients and other members of the health team.
- Assume the multifaceted roles of an active professional, including practitioner, educator, researcher, collaborator, advocate and lifelong learner.
- Understand the responsibilities of all health care workers to contribute to enhancing health and welfare of society.
- Promote advancement of emergency medical services through practice, education and research.

ADDITIONAL NOTES:

PURPOSE: As the most highly trained pre-hospital care provider in EMS, the paramedic accepts the challenging responsibility for patient care. Paramedicine is a relatively young field with a wide range of employment opportunities.

APPLICATION TO THE PROGRAM: Students are admitted into this program through the Mayo Clinic School of Health Sciences Emergency Medicine Paramedic Program. The application for admission to Mayo Clinic School of Health Sciences must be obtained online

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(<https://college.mayo.edu/academics/health-sciences-education/emergency-medicine-paramedic-program-minnesota/>) no later than **April 1**.

Following appointment to the program by the Mayo Clinic School of Health Sciences, students must apply to RCTC for those enrolled in the Associate Degree track.

Admission is competitive. It is based on previous education, work experience, goal statement, letters of reference, and an interview. Science and math courses must be completed within the previous five years.

PROGRAM ENTRANCE REQUIREMENTS:

- Required: High school diploma or GED (equivalent acceptable) or be a high school senior who expects to graduate by the time the program begins.
- Enrollment at RCTC.
- Elementary Algebra (MATH 0098) with a "C" or better or equivalent.
- Three credits of college composition, ENGL 1117 or higher suggested.
- State certified and nationally registered as an EMT-Basic or Intermediate.

**Biology and Chemistry courses must have been completed within five years of your application to the program.*

MORE INFORMATION REQUIREMENTS:

ADMISSION: Admitted students are required to:

- Submit completed health forms, physical exam, immunizations, hepatitis, annual mantoux and health insurance documentation. Forms available online: <https://www.rctc.edu/services/health/>
- Complete the State of Minnesota Background Study Form (completed during the first week of the semester).

Upon successful completion of the program, students are eligible for the National Registry or state examination.

Notice of Minnesota Background Check Requirement

Minnesota Statute 245C requires that students who have contact with individuals in licensed institutions complete an annual background study with the Minnesota Department of Human Services. Individuals who do not pass the background study will not be allowed to participate in clinical activities. A list of disqualifying offenses is available at <https://www.revisor.mn.gov/statutes/?id=245C.15>

For more information on this program please visit the Mayo Clinic School of Health Sciences site at: <http://www.mayo.edu/mshs/careers/emergency-medicine>

Revised: 05/14/2019

Implementation: Spring 2019