FIRE MEDIC

Associate in Applied Science (AAS)
Program Code: 10-531-2
Total Credits: 66

Mid-State's Fire Medic program is ideal for students who want to make a difference in their communities through emergency response and patient care. Graduates are prepared for entry-level careers as firefighter/paramedics with fire departments, ambulance services, and other emergency response organizations.

The program combines fire service and paramedic training with hands-on learning and real-world field experiences. Students train with modern equipment while building the lifesaving skills needed to respond confidently in emergency situations.

To learn more about this program, visit **mstc.edu/programs**.

ACADEMIC ADVISOR

To schedule an appointment with an academic advisor, call 715-422-5300. Academic advisors will travel to other campuses as necessary to accommodate student needs. For more information about advising, visit **mstc.edu/advising.**

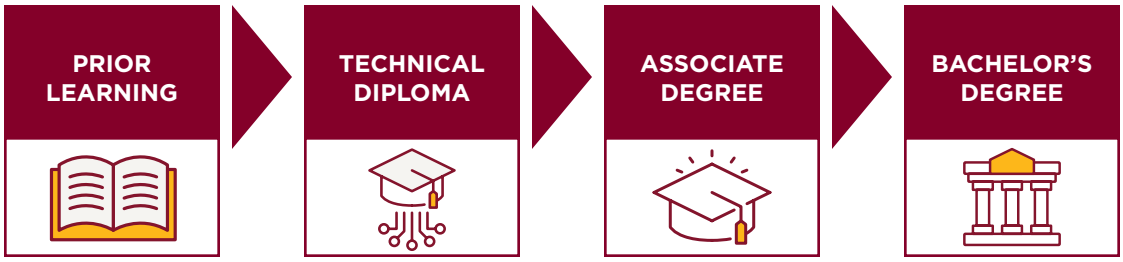
NEW STUDENT CHECKLIST

Complete the following steps to prepare for your New Student Advising appointment with your academic advisor:

- Submit a Mid-State application at **mstc.edu/apply**.
- Send official transcripts to:
  Mid-State Technical College
  Student Services
  500 32nd Street North
  Wisconsin Rapids, WI 54494
- Complete the Free Application for Federal Student Aid (FAFSA) at **fafsa.gov**. Mid-State's Financial Aid team is available to assist with your FAFSA application and to answer your financial aid questions. Contact Financial Aid or schedule an appointment at **mstc.edu/financial-aid**.
- Set up student MyCampus account at **mstc.edu/mycampus-assistance**.
- Schedule a New Student Advising appointment at **mstc.edu/advising**.

Mid-State does not discriminate on the basis of race, color, national origin, sex, disability, or age in its program, activity, or employment. The following person has been designated to handle inquiries regarding the nondiscrimination policies: Vice President – Human Resources; 500 32nd Street North, Wisconsin Rapids, WI 54494; 715-422-5325 • AAEO@mstc.edu. 3/2026-AC

CAREER PATHWAY



Career pathways help you build your education step by step. Each stage offers one or more credentials that are recognized by employers and lead to real jobs—and you can keep building toward your career goals as you go.

Begin at any point.

Prior Learning

Credit for Prior Learning

- Certifications and Licenses
- Military Experience
- National/Standardized Exams
- Transfer Credit
- Work and Life Experience

Learn about Credit for Prior Learning at **mstc.edu/cpl**.

High School Credit

- High School Dual Credit
- Mid-State Fast Track

Learn about High School Credit at **mstc.edu/dc**.

Technical Diploma

- Fire Service Certification (8 Credits)
  Start Your Career: Firefighter, Firefighter/EMT, Firefighter/Paramedic

Associate Degree

- Fire Medic (66 Credits)
  Start Your Career: Firefighter, Firefigher/EMT, Firefighter/Paramedic

Bachelor's Degree

For those interested in continuing their education, Mid-State offers transfer guides with various four-year colleges and universities. For more information, visit **mstc.edu/transfer**.

Other Options

Related Programs: Advanced Emergency Medical Technician, Emergency Medical Technician, Emergency Services Management, Jail Officer Academy, Paramedic, Paramedic Technician

OUTCOMES

Employers will expect you, as a Fire Medic graduate, to be able to:

- Prepare for incident response and EMS operations.
- Integrate pathophysiological principles and assessment findings to provide appropriate patient care.
- Demonstrate paramedic skills associated with established standards and procedures for a variety of patient encounters.
- Communicate effectively with others.
- Demonstrate professional behavior.
- Meet state and national competencies listed for paramedic credentialing.
- Meet professional fire credentialing standards.

TECHNICAL SKILLS ATTAINMENT

The Wisconsin Technical College System (WTCS) has implemented a requirement that all technical colleges measure outcomes attained by students. This requirement is called Technical Skills Attainment (TSA). The main objective of TSA is to ensure graduates have the technical skills needed by employers. Faculty will let students know when and how the TSA is being assessed in the program.

ADDITIONAL ENTRY CRITERIA

To apply to the Fire Medic program, please submit the following documents to Mid-State Admissions:

Step 1:

- Criminal Background Statement of Understanding and Release of Information form.

Mid-State Technical College • Admissions
500 32nd Street North, Wisconsin Rapids, WI 54494

Completion of step 1 requirements allows the student to begin general education and fire-based courses.

If you are taking Emergency Medical Technician program courses as a prerequisite to the Fire Medic program, you must apply to Emergency Medical Technician program (30-531-3) separately.

Step 2:

- Submit a current Wisconsin EMT license.

Mid-State Technical College • Admissions
500 32nd Street North, Wisconsin Rapids, WI 54494

Completion of the Step 2 requirement will make the student eligible for entry into the Paramedic core courses. Completion of Step 2 does not guarantee entry into the next available cohort of core program students. Cohorts are filled on a first-eligible, first-served basis.

TECHNICAL STANDARDS

A list of specific physical, emotional, and mental tasks needed to function as a fire medic graduate is available at **mstc.edu/fire-medic**. Contact the Accessibility Services Coordinator in the Student Services & Information Center to receive assistance.

CLINICAL-RELATED REQUIREMENTS

Prior to placement at a clinical site, students need to pay for a criminal background check through a private vendor. Students will be required to provide documentation of required health work and current healthcare provider CPR certification via a Blackboard assignment. Students are responsible for ensuring all requirements remain current during program enrollment.

Clinical sites have the right to refuse a student's placement based on inadequate health records, pending charges, or conviction records. Students with a criminal history may not be able to complete clinical courses. Mid-State will make two attempts to place a student in an appropriate clinical experience. If Mid-State is unable to place the student after two attempts, the student will be withdrawn from the course and will not be able to advance in the program.

Prior to beginning a clinical experience in a health care agency or ambulance service, students must:

a. Provide evidence of completion of the required health work.
b. Hold a current State of Wisconsin EMT license.
c. Hold a Department of Health Services EMS Training Center Training Permit at the paramedic level.
d. Provide evidence of current CPR at the health care professional level by a CPR organization specified under s. DHS 110.17(1).
e. Obtain the required uniform for clinical experiences.
f. Assume responsibility for clinical assignment(s) regardless of time and location, including transportation and other personal arrangements.

PROGRAM PROGRESSION

In order to progress in and complete the program, students must receive a grade of "C" or better in each of the paramedic core courses. Failure to obtain a grade of "C" in any core course will prevent a student from progressing on to the next course in the sequence until they have retaken the course and achieved a grade of "C" or better.

All general education courses must be completed with a grade of "C" or better in order to be eligible for graduation.

Having to retake a core course will require removal from the student's cohort, and placement will be made in the next cohort with an available seat.

This requirement also applies to the last class in the sequence, as the grade of "C" or better is required in all core courses in order to retain eligibility to take the National Registry exam.

STUDENT HANDBOOK

Visit **mstc.edu/studenthandbook** to view Mid-State's student handbook, which contains information about admissions, enrollment, appeals processes, services for people with disabilities, financial aid, graduation, privacy, Mid-State's Student Code of Conduct, and technology.

GRADUATION REQUIREMENT

The GPS for Student Success course is required for all Mid-State program students and is recommended to be completed before obtaining 12 credits. Some students are exempt from this requirement. Please see your academic advisor for more information.

ADDITIONAL COURSES AS NEEDED

The following courses may be recommended or required if the student does not achieve minimum placement scores.

College Reading and Writing 1
10831104
3 credits
Provides learners with opportunities to develop and expand reading and writing skills to prepare for college-level academic work. Students will employ critical reading strategies to improve comprehension, analysis, and retention of texts. Students will apply the writing process to produce well-developed, coherent, and unified written work.

Pre-Algebra
10834109
3 credits
Provides an introduction to algebra. Includes operations on real numbers, solving linear equations, percent and proportion, and an introduction to polynomials and statistics. Prepares students for elementary algebra and subsequent algebra-related courses.

MULTIPLE MEASURES

Students can place into courses using high school GPA and completed classes. Placement can be determined in the following ways:

- **Multiple Measures Writing (MMW)**
  High school GPA of 2.6 & successful completion of 2.0 credits of high school writing courses with a “C” or better
- **Multiple Measures Reading (MMR)**
  High school GPA of 2.6 & successful completion of 2.0 credits of high school literature courses with a “C” or better
- **Multiple Measures Math 1 (MMM_1)**
  High school GPA of 2.6 & successful completion of 1.0 credit of high school math (Algebra 1 or equivalent) with a “C” or better
- **Multiple Measures Math 2 (MMM_2)**
  High school GPA of 2.6 & successful completion of 2.0 credits of high school math including Algebra 1 and Algebra 2 with a “C” or better
- **Multiple Measures Science 1 (MMS_1)**
  High school GPA of 2.6 & successful completion of 1.0 credit of high school lab science course with a “C” or better
- **Multiple Measures Science 2 (MMS_2)**
  High school GPA of 2.6 & successful completion of 1.0 credit of high school chemistry with a “C” or better

Past high school and college transcripts are used in making course placement decisions.

SAMPLE FULL-TIME CURRICULUM OPTION

Fire Medic • 66 Total Credits

Term 15 Credits

Course Number	Course Name	CPL	Credits
10801136	English Composition 1	Yes	3
10806177	General Anatomy & Physiology	Yes	4
30503101	Basic Firefighting and Hazmat Ops	No	4
10809198	Introduction to Psychology	Yes	3
10890102	GPS for Student Success	Yes	1

Term 13 Credits

Course Number	Course Name	CPL	Credits
10801198 or 10801196	Speech or Oral/Interpersonal Communication	Yes	3
10804107	College Mathematics	Yes	3
10809122 or 10809172 or 10809196	Introduction to American Government or Introduction to Diversity Studies or Introduction to Sociology	Yes	3
30503102	Advanced Firefighting	No	2
30503103	Firefighter Safety and Survival	No	2

Term 19 Credits

Course Number	Course Name	CPL	Credits
10531911	EMS Fundamental	No	2
10531912	Paramedic Medical Principles	No	4
10531913	Advanced Patient Assessment Principles	No	3
10531914	Prehospital Pharmacology	No	3
10531915	Paramedic Respiratory Management	No	2
10531955	Paramedic Cardiology 1	No	2
10531918	Advanced Resuscitation	No	1
10531959	Paramedic Clinical	No	2

Term 19 Credits

Course Number	Course Name	CPL	Credits
10531956	Paramedic Cardiology 2	No	2
10531919	Paramedic Medical Emergencies	No	4
10531920	Paramedic Trauma	No	3
10531921	Special Patient Populations	No	3
10531922	EMS Operations	No	1
10531923	Paramedic Capstone	No	1
10531957	Paramedic Field Experience	No	3
10531958	Paramedic Field Leadership	No	1
10531960	Paramedic Clinical/Field Prep	No	1

Please Note

- Credit for Prior Learning (CPL) options are available for some courses. You can visit **mstc.edu/cpl** or contact your academic advisor for details.
- This curriculum sequence is only for student planning. Actual student schedules will vary depending on course availability.
- Program completion time may vary based on student scheduling and course availability. For details, go to **mstc.edu/schedule**.
- Get the latest updates online at **mstc.edu**.

Advanced Firefighting
30503102
2 credits
Explores advanced firefighting skills, focusing on communications, investigations, and other advanced firefighting techniques. Fulfills the job performance requirements for Wisconsin Firefighter 2 certification eligibility.
Prerequisite: Basic Firefighting and Hazmat Ops 30503101

Advanced Patient Assessment Principles
10531913
3 credits
Teaches the paramedic student to integrate scene and patient assessment findings with knowledge of epidemiology and pathophysiology to form a field impression. Uses a structured and organized assessment process that draws on knowledge of anatomy, physiology, pathophysiology, life span development, and changes that occur to the human body with time. Using this process students learn to develop a list of differential diagnoses through clinical reasoning and modify the assessment as necessary to formulate a treatment plan for their patients.
Prerequisite: Admission to Paramedic Technician program 105311 or EMT-Paramedic program 315311

Advanced Resuscitation
10531918
1 credit
By teaching advanced cardiac life support (ACLS) and pediatric advanced life support (PALS) methodologies and protocols, this course prepares the paramedic student to integrate comprehensive knowledge of causes and pathophysiology into the management of shock, respiratory failure, respiratory arrest, cardiac arrest, and peri-arrest states. Emphasizes early intervention to prevent respiratory and/or cardiac arrest if possible.
Prerequisite: Admission to Paramedic Technician program 105311 or Paramedic program 315311

Basic Firefighting and Hazmat Ops
30503101
4 credits
Describes basic fire behavior, techniques used to control structural and related fire emergencies, and life safety practices. Examines characteristics relating to hazardous materials, including problems of recognition and mitigation. Learners perform all practical evolutions necessary to control and extinguish fires and otherwise meet all requirements for Firefighter I certification in the State of Wisconsin.
Prerequisite: Admission to Fire Service Certification 305035

College Mathematics
10804107
3 credits
This course is designed to review and develop fundamental concepts of mathematics in the areas of algebra, geometry, trigonometry, measurement and data. Algebra topics emphasize simplifying algebraic expressions, solving linear equations and inequalities with one variable, solving proportions and percent applications. Geometry and trigonometry topics include; finding areas and volumes of geometric figures, applying similar and congruent triangles, applying Pythagorean Theorem, and solving right triangles using trigonometric ratios. Measurement topics emphasize the application of measurement concepts and conversion techniques within and between U.S. customary and metric system to solve problems. Data topics emphasize data organization and summarization skills, including: frequency distributions, central tendency, relative position and measures of dispersion. Special emphasis is placed on problem solving, critical thinking and logical reasoning, making connections, and using calculators.
Prerequisite: High School GPA of 2.6 and MMM_1 or Accuplacer Arithmetic of 250 and QAS 234 or ACT Math score of 17 or Pre-Algebra 10834109 with a "C" or better

EMS Fundamental
10531911
2 credits
Provides learners with comprehensive knowledge of EMS systems, safety, well-being, legal issues, and ethical issues, with the intended outcome of improving the health of EMS personnel, patients, and the community. Learners obtain fundamental knowledge of public health principles and epidemiology as related to public health emergencies, health promotion, and illness/injury prevention. Introduces learners to comprehensive anatomical and medical terminology with the aim of fostering the development of effective communications with colleagues and other healthcare professionals.
Prerequisite: Admission to Paramedic Technician program 105311 or Paramedic program 315311

EMS Operations
10531922
1 credit
Provides paramedic students with the knowledge of operational roles and responsibilities to ensure patient, public, and EMS personnel safety.
Prerequisite: Admission to Paramedic Technician program 105311 or Paramedic program 315311

English Composition 1
10801136
3 credits
Learners develop and apply skills in all aspects of the writing process. Through a variety of learning activities and written documents, learners employ rhetorical strategies, plan, organize and revise content, apply critical reading strategies, locate and evaluate information, integrate and document sources, and apply standardized English language conventions.
Prerequisite: High School GPA of 2.6 and MMW or Accuplacer Writing of 262 or Accuplacer Reading 253 or ACT English score of 20 or ACT Reading 21 or completion of College Reading and Writing 1 10831104 with a "C" or better

Firefighter Safety and Survival
30503103
2 credits
Explores the concepts of firefighter safety and survival techniques on the active fireground. Practical evolutions focus on rescue techniques for self and others, as well as the function of the rapid intervention team.
Prerequisite: Basic Firefighting and Hazmat Ops 30503101

General Anatomy & Physiology
10806177
4 credits
Examines basic concepts of human anatomy and physiology as they relate to health sciences. Using a body systems approach, the course emphasizes the interrelationships between structure and function at the gross and microscopic levels of organization of the entire human body. It is intended to prepare health care professionals who need to apply basic concepts of whole-body anatomy and physiology to informed decision making and professional communication with colleagues and patients.
Prerequisite: High School GPA of 2.6 and MMS_1 and MMM_1 or Accuplacer Reading Skills of 262 and QAS of 246 or ACT Math score of 19 and Reading score of 19 or College Math 10804107 or Intermediate Algebra with Applications 10804118 with a "C" or better, or General Chemistry 10806134, or General Biology 10806114, or Human Body in Health & Disease 31509302

GPS for Student Success
10890102
1 credit
Integrate necessary skills for student success by developing an academic plan, identifying interpersonal attributes for success, adopting efficient and effective learning strategies, and utilizing Mid-State resources, policies, and processes. This course is recommended to be completed prior to obtaining 12 credits and is a graduation requirement unless you receive an exemption from your program advisor.

Introduction to American Government
10809122
3 credits
Introduces American political processes and institutions. Focuses on rights and responsibilities of citizens and the process of participatory democracy. Learners examine the complexity of the separation of powers and checks and balances. Explores the role of the media, interest groups, political parties, and public opinion in the political process. Also explores the role of state and national government in our federal system.
Prerequisite: High School GPA of 2.6 and MMR and MMW or Accuplacer Reading Skills of 236 and Writing of 237 or ACT of 15 Reading/16 English

Introduction to Diversity Studies
10809172
3 credits
This course introduces the study of diversity from a local to a global perspective using a holistic, interdisciplinary approach that encourages exploration and prepares students to work in a diverse environment. The course introduces basic diversity concepts, examines the impact of bias and power differentials among groups, explores the use of culturally responsive communication strategies, and compares forces that shape diversity in an international context.
Prerequisite: High School GPA of 2.6 and MMR and MMW or Accuplacer Reading Skills of 236 and Writing of 237 or ACT of 15 Reading/16 English

Introduction to Psychology
10809198
3 credits
This science of psychology course is a survey of multiple aspects of behavior and mental processes. It provides an overview of topics such as research methods, theoretical perspectives, learning, cognition, memory, motivation, emotions, personality, abnormal psychology, physiological factors, social influences, and development.
Prerequisite: High School GPA of 2.6 and MMR and MMW or Accuplacer Reading Skills of 236 and Writing of 237 or ACT of 15 Reading/16 English

Introduction to Sociology
10809196
3 credits
Introduces students to the basic concepts of sociology: culture, socialization, social stratification, multi-culturalism, and the five institutions of family, politics, economics, religion, and education. Other topics include demography, deviance, technology, environment, social issues, social change, social organization, and workplace issues.
Prerequisite: High School GPA of 2.6 and MMR and MMW or Accuplacer Reading Skills of 236 and Writing of 237 or ACT of 15 Reading/16 English
Paramedic program 315311

Paramedic Capstone
10531923
1 credit
Provides students with a final opportunity to incorporate their cognitive knowledge and psychomotor skills through labs and scenario-based practice and evaluations prior to taking the National Registry written and practical examinations. Technical skills attainment (TSA) for each student will be compiled and/or documented within this course as required by the DHS-approved paramedic curriculum.
Prerequisite: Admission to Paramedic Technician program 105311 or Paramedic program 315311

Paramedic Cardiology 1
10531955
2 credits
Provides basic knowledge to integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment for the patient with cardiovascular disease.
Prerequisite: Admission to Paramedic Technician program 105311 or Paramedic program 315311

Paramedic Cardiology 2
10531956
2 credits
Teaches the paramedic student knowledge and skills to integrate assessment findings with principles of cardiovascular anatomy, physiology, epidemiology, and pathophysiology to formulate a field impression and implement a comprehensive treatment plan for a patient with a variety of cardiovascular complaints.
Prerequisite: Admission to Paramedic Technician program 105311 or Paramedic program 315311

Paramedic Clinical
10531959
2 credits
Enhances learning through the practice of paramedicine in a healthcare environment. Learners will experience actual patients under the supervision of instructors or approved preceptors. Learners will also have the opportunity to participate in formal high-fidelity human patient simulator experiences as a part of this course.
Prerequisite: Admission to Paramedic Technician program 105311 or Paramedic program 315311

Paramedic Clinical/Field Prep
10531960
1 credit
Enhances learning through the practice of paramedicine in a healthcare or field environment. Learners will experience actual patients under the supervision of instructors or approved preceptors.
Prerequisite: Admission to Paramedic Technician program 105311 or Paramedic program 315311

Paramedic Field Experience
10531957
3 credits
Provides the opportunity to enhance learning through the practice of paramedicine in a field environment and through experiences with actual patients under the supervision of instructors or approved preceptors. Students may also have the opportunity to participate in formal high-fidelity human patient simulator experiences as a part of this course. Successful completion of this course requires the student to meet all clinical and field competency requirements at the paramedic level as defined by WI DHS EMS.
Prerequisites: Admission to Paramedic Technician program 105311 or Paramedic program 315311 and Advanced Resuscitation 10531918

Paramedic Field Leadership
10531958
1 credit
Provides the opportunity to act as the field team leader in a field environment and through experiences with actual patients under the supervision of instructors or approved preceptors. Successful completion of this course requires the student to meet all team leader competency requirements at the paramedic level as defined by WI DHS EMS and the CoAEMSP.
Prerequisite: Admission to Paramedic Technician program 105311 or Paramedic program 315311

Paramedic Medical Emergencies
10531919
4 credits
Teaches the paramedic student to integrate assessment findings with principles of anatomy, physiology, epidemiology, and pathophysiology to formulate a field impression and implement a comprehensive treatment plan for a patient with a medical complaint.
Prerequisite: Admission to Paramedic Technician program 105311 or Paramedic program 315311

Paramedic Medical Principles
10531912
4 credits
Addresses the complex depth of anatomy, physiology, and pathophysiology of major human systems while also introducing paramedic students to the topics of shock, immunology, and bleeding.
Prerequisite: Admission to Paramedic Technician program 105311 or Paramedic program 315311

Paramedic Respiratory Management
10531915
2 credits
Teaches the paramedic student to integrate complex knowledge of anatomy, physiology, and pathophysiology into the assessment to develop and implement a treatment plan with the goal of assuring a patient airway, adequate mechanical ventilation, and respiration for patients of all ages. Also provides specific knowledge pertaining to the respiratory system to ensure the student is prepared to formulate a field impression and implement a comprehensive treatment plan for a patient with a respiratory complaint.
Prerequisite: Admission to Paramedic Technician program 105311 or Paramedic program 315311

Paramedic Trauma
10531920
3 credits
Teaches the paramedic student to integrate assessment findings with principles of anatomy, physiology, epidemiology, and pathophysiology to formulate a field impression and implement a comprehensive treatment plan for an acutely injured patient.
Prerequisites: Admission to Paramedic Technician program 105311 or Paramedic program 315311 and Advanced Resuscitation 10531918

Prehospital Pharmacology
10531914
3 credits
Provides the paramedic student with the comprehensive knowledge of pharmacology required to formulate and administer a pharmacological treatment plan intended to mitigate emergencies and improve the overall health of the patient.
Prerequisite: Admission to Paramedic Technician program 105311 or Paramedic program 315311

Oral/Interpersonal Communication
10801196
3 credits
Focuses on developing effective listening techniques and verbal and nonverbal communication skills through oral presentation, group activity, and other projects. The study of self, conflict, and cultural contexts will be explored, as well as their impact on communication.
Prerequisite: High School GPA of 2.6 and MMR and MMW or Accuplacer Reading Skills of 236 and Writing of 237 or ACT of 15 Reading/16 English or College Reading and Writing with a C or better

Special Patient Populations
10531921
3 credits
Teaches the paramedic student to integrate assessment findings with principles of anatomy, physiology, epidemiology, and pathophysiology to formulate a field impression and implement a comprehensive treatment plan for patients with special needs. Also includes gynecological emergencies, along with special considerations in trauma.
Prerequisite: Admission to Paramedic Technician program 105311 or Paramedic program 315311

Speech
10801198
3 credits
Explores the fundamentals of effective oral presentation to small and large groups. Topic selection, audience analysis, methods of organization, research, structuring evidence and support, delivery techniques, and other essential elements of speaking successfully, including the listening process, form the basis of this course. Includes informative, persuasive, and occasion speech presentations.
Prerequisite: High School GPA of 2.6 and MMR and MMW or Accuplacer Reading Skills of 253 and Writing of 262 or ACT of 21 Reading/19 English or completion of College Reading and Writing 1 10831104 with a "C" or better