

Application Packet

Thank you for your interest in the Cardiovascular Technology-Invasive program at Minnesota State Community and Technical College (M State). This program prepares the graduate to be a competent entry-level cardiovascular technologist in the cognitive (knowledge), psychomotor (skill) and affective (behavior) learning domains for invasive cardiovascular technology. Students will learn to assist physicians in diagnosing and treating cardiac, peripheral vascular, neurovascular and electrophysiological conditions using current technology, physiological and diagnostic equipment, and therapeutic procedures.

General education courses required for the Associate of Applied Science degree in Cardiovascular Technology-Invasive may be completed at any of the M State campuses or online. Students who are transferring in credits from another institution should allow up to six weeks for official transcript evaluation by M State.

Students who complete the M State application process and have graduated from high school or earned a GED certificate will be accepted to the College for general education courses. **Acceptance to M State is not a guarantee of admission into the Cardiovascular Technology-Invasive program. Admission to the program is based on competitive eligibility admission criteria, as outlined in this packet.**

There are fifteen (15) available seats for each Cardiovascular Technology-Invasive program start. In the case there are more eligible applicants than available seats, the 15 applicants with the highest number of GPA Points in the prerequisite courses will be offered admission to the program. Students may be conditionally accepted to the program on a space-available basis.

We are pleased you are considering M State, and we look forward to reviewing your application. Applicants (prospective and accepted) are responsible for understanding the information in this packet. Direct questions about the application to mhd-enrollment@minnesota.edu. Program curriculum information can be found at <http://www.minnesota.edu/programs/cardiovascular-technology-invasive/>.

Cardiovascular Technology-Invasive Eligibility Criteria

1. Applicant must be admitted to Minnesota State Community and Technical College. Apply online at www.minnesota.edu/admissions.
2. Fulfill all required developmental education requirements by assessment or with a C or better.
 - a. Any recommended ELL courses
 - b. Any prerequisites to ENGL1101 – College Writing
 - c. Any prerequisites to MATH1114 – College Algebra

3. Earn a C or better **and** a cumulative GPA of 2.5 or higher in program prerequisite courses. See the Selection of Candidates section in this packet for complete list of courses used and to understand their weight in the application process.
4. Additional criteria to complete the program:
 - a. Proof of current American Heart BLS/AED (Healthcare Providers) certification
 - b. Minnesota Department of Health Background Check (required by the State of Minnesota)
 - c. National Background Check (required by cooperating clinical facilities)
 - d. M State Health Division Form (required for all Health Careers programs)

Cardiovascular Technology-Invasive Program Application Procedure

Step One: If **not** a current M State student, complete the steps to [enroll at M State](#).

1. Complete [Accuplacer Assessment](#) to determine which, if any, English and/or math developmental courses you may need to complete. Transfer students may have previous coursework to satisfy developmental coursework, and therefore may not need to assess.
2. Attend required [Registration Day](#) to complete campus orientation and meet with an Academic Advisor to register for classes.

Step Two: Complete Cardiovascular Technology-Invasive program application online. The electronic application will be available January 3 of each program year and posted at www.minnesota.edu/programs/cardiovascular-technology-invasive. Students are encouraged to submit the program application even if they are in progress of meeting all of the requirements for admission to the program.

1. The priority application deadline is **March 30** of each program year. If the program has not filled, there will be a secondary deadline on **May 7**.
2. Verify that you meet the required prerequisite and GPA requirements for the Minnesota Transfer Curriculum (MnTC) courses as outlined under Cardiovascular Technology-Invasive Admission Criteria.

Step Three: The completed program application will be reviewed for selection. See “Selection of Candidates for M State Cardiovascular Technology-Invasive program” section below.

Step Four: Applications submitted by the priority deadline will be processed within 15 business days.

- Applicants have 5 business days to notify admissions they are accepting their seat. If the applicant fails to reply, or turns down their seat in the program, their seat will be offered to the first candidate on the alternate list.

All Cardiovascular Technology-Invasive Admissions correspondence is by email. All accept/wait-list/deny notifications will be sent to the applicant’s M State email address only.

Cardiovascular Technology-Invasive (CVRI) Application and Program Requirements

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| Location | Moorhead campus |
| Acceptance to M State | To be considered for the CVRI program, the applicant must apply to and be accepted to M State. Apply to the College: www.minnesota.edu/admissions . |
| Transfer Credits | <p>Students who have completed course work at another college should allow three to six weeks for transfer work to be evaluated and applied to their M State program. Transfer courses will not count toward admission to the CVRI program until they have been evaluated by the M State transfer specialist and successfully transferred.</p> <p>See the Selection of Candidates section to understand how transfer credits will fulfill CVRI admission criteria.</p> |
| GPA/Grade Requirements | Applicants who have earned college credits in any of the program prerequisite courses for the Cardiovascular Technology-Invasive program must earn a C grade or better in all core coursework, including developmental courses. |
| Assessment Testing | <p>Students must complete the Accuplacer assessment unless they:</p> <ul style="list-style-type: none"> • Have current* ACT scores in Reading, English, and Math • Have completed the minimum required English and Math courses • Have completed course work equivalents to the minimum required English and Math courses <p>*Accuplacer Reading and ACT Reading and English scores expire after 3 years; Math scores expire after 2 years. Applicants must complete assessment testing prior to applying to the Cardiovascular Technology-Invasive program to be considered.</p> <p>If a student's scores have expired*, or if the student wishes to attempt to test out of Developmental requirements, they may sign up to take or repeat the Accuplacer on M State's Assessment page.</p> |
| Math Requirement | Applicants must be eligible to take MATH1114 – College Algebra to start the program. Current (within 2 years) Accuplacer or ACT scores will be used to assess if a student must complete any of its prerequisites. |
| English Requirement | Students must be eligible to take ENGL1101 – College Writing I to be admitted to the program. Current (within 3 years) Accuplacer or ACT scores will be used to assess if a student must complete any of its prerequisites. |

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| <p>Admission Prerequisite Coursework</p> <ul style="list-style-type: none"> <input type="checkbox"/> BIOL2260 <input type="checkbox"/> BIOL2261 <input type="checkbox"/> BIOL2267 <input type="checkbox"/> BIOL2268 <input type="checkbox"/> CVRI1100 <input type="checkbox"/> COMM1130⁺ <input type="checkbox"/> MATH1114⁺ | <p>Applicants must earn a C grade or better and a cumulative GPA of 2.5 or higher in each of the program prerequisite courses.</p> <p>All science (BIOL) courses must be completed within the last five (5) years.</p> <p>⁺Only one of these courses are needed to apply, but both are required to complete the program. In the case both courses are complete, the higher grade will be used to award points.</p> |
| <p>Selection of Candidates</p> | <p>Applicants must have completed all Math, English, and Admission Prerequisite coursework, meeting the grade and GPA minimums as outlined in this packet.</p> <p>Each prerequisite course is awarded points by earned letter grade (A=4 pts, B=3 pts, C=2 pts). Every letter grade will be weighed by the same number of credits (e.g. All College Algebra courses will be worth 3 credits, even if the applicant completed a 4-credit course to fulfill the requirement).</p> <p>Applicants who are in progress (IP) of completing some, or all, of the program prerequisite courses in Spring can be considered for the Fall program; however, they will not earn points for any courses without an earned grade. If admitted with IP courses, grades will be verified once posted to confirm the grade and GPA program minimums are met. In the case an applicant does not meet the criteria, their admission to the program will be retracted.</p> <p>In the case there are more applicants than available seats, applicants will be ranked by GPA points and the top 15 applicants will be admitted. The next 10 applicants will be placed on an alternate list. Should an admitted applicant decline acceptance into the program, the seat will be offered to the first person on the alternate list.</p> <p>Applications submitted by the Priority Deadline of March 30th, 2018 will be ranked and admitted first. Any applications submitted after March 30th, 2018 will be reviewed until the program is full.</p> |
| <p>Additional Program Requirements</p> | <ol style="list-style-type: none"> 1. Proof of current American Heart Association BLS (Healthcare Providers) CPR certification (must be current throughout program) 2. Clear Minnesota Department of Health Background Check (\$30) 3. Clear national background check (\$65) 4. Proof of up-to-date immunizations (M State Health Division Form) 5. Purchase of program-specific uniform 6. Travel to tristate area clinical sites 7. Advanced Cardiac Life Support certification 8. Purchase of program lead vests |

Admissions criteria is subject to change.

CARDIOVASCULAR TECHNOLOGY-INVASIVE PROGRAM
Application Assessment

Applicants to the Cardiovascular Technology-Invasive (CVRI) program will be awarded points for the courses listed below. The fifteen (15) applicants with the highest number of points will be selected for admission to the CVRI program. To be awarded points for a course, applicants must have completed the course with a grade of C or better before **MARCH 30**. Applicants who are in progress of completing courses will not receive points for those courses. If spots are still available, a secondary review will take place after the secondary deadline on **May 7**. Applicants who have completed prerequisite courses at another post-secondary institution must have their official transcripts evaluated by M State by the application deadline to be used for their application. All science courses must be completed within the last five (5) years to be eligible for points. In the case of one or more ties, an earned grade in BIOL2262 – Anatomy and Physiology II lecture will be used to break the tie.

College Grade Points: A=4 points, B=3 points, C=2 points, IP=In Progress/No points, N=No attempt on record

| COURSE | COURSE TITLE | CREDIT WEIGHT x GRADE = | POINTS |
|----------|--|-------------------------|--------------|
| MATH1020 | Intermediate Algebra (by college credit or waiver) | No points available. | Y / N |
| CVRI1100 | Cardiovascular Technology I | 2 x _____ | _____ |
| BIOL2260 | Human Anatomy and Physiology I lecture | 3 x _____ | _____ |
| BIOL2261 | Human Anatomy and Physiology I lab | 1 x _____ | _____ |
| BIOL2267 | Medical Microbiology lecture | 3 x _____ | _____ |
| BIOL2268 | Medical Microbiology lab | 1 x _____ | _____ |

One of the following will be considered (only the higher of the two grades will be calculated if both are earned):

| | | | |
|----------|---------------------------|-----------|-------|
| COMM1130 | Small Group Communication | 3 x _____ | _____ |
| MATH1114 | College Algebra | 3 x _____ | _____ |

Earned prerequisite GPA (must be 2.5 or higher to be admitted; includes all earned prerequisite grades): _____

BONUS POINTS

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|---|-------------------|-------|
| Cumulative M State GPA of 3.5 or higher | 2 points possible | _____ |
| Cumulative M State GPA of 3.0 or higher | 1 point possible | _____ |

TIE-BREAKER

The following will be calculated ONLY in the case a tie-breaker is needed (whichever is not used above):

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|----------|---|-----------|-------|
| BIOL2262 | Human Anatomy and Physiology II lecture | 3 x _____ | _____ |
|----------|---|-----------|-------|

TOTAL POINTS: _____

| FOR OFFICE USE ONLY | Initials | Date |
|---------------------|----------|------|
| Review A: | | |
| Review B: | | |