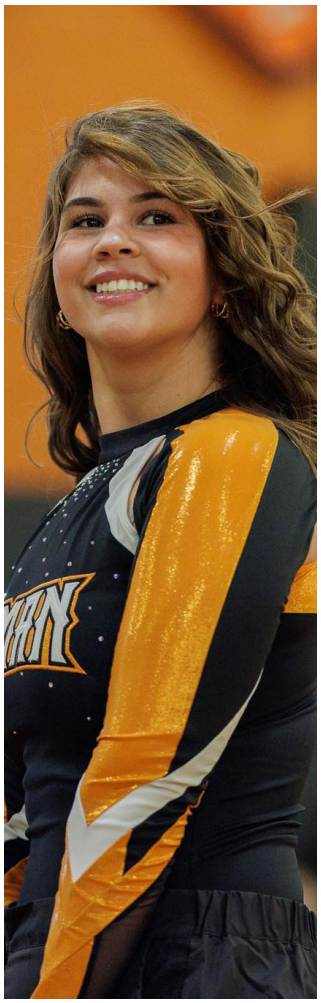

DIMAN
REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL

Focusing Upon Exceptional
Teaching and Learning
In All That We Do

DIMAN REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL
FALL RIVER – SOMERSET – SWANSEA – WESTPORT
1963

2025-2026
COURSE CATALOGUE

Greater Fall River Vocational School District
Diman Regional Vocational Technical High School

School Committee

Paul Jennings, Chairperson	Westport
Joan Menard	Fall River
William Flanagan	Fall River
Richard Manuels, Jr.	Fall River
Donald DiBiasio	Somerset
Jeffrey Begin	Swansea

Administrative Team

Brian S. Bentley	Superintendent-Director
Leslie Weckesser	Assistant Superintendent/ Principal
Paul Kitchen	Director of Finance
Debbie Pacheco	Director of Special Education/Grant Coordinator
Glenn Benevides	Supervisor of Buildings and Grounds
Myles Brillante	Assistant Supervisor of Building and Grounds
Katie Warren	Assistant Principal of Academic Affairs
Michael Zajac	Assistant Principal of Student Affairs
Maria Torres	Assistant Principal of Vocational Affairs
Linda Fortunato-Griffin	Director of Guidance and Admissions

Non-Discrimination Statement

The Greater Fall River Vocational School District/Diman Regional Vocational-Technical High School prohibits discrimination on the basis of race, color, religion, creed, sex, age, marital status, national origin, mental or physical disability, political belief or affiliation, veteran status, sexual orientation, gender identity and expression, genetic information, homelessness, and any other class of individuals protected from discrimination under state or federal law in any aspect of the access to, admission, or treatment of students in its programs and activities, or in employment and application for employment. Furthermore, District/School policy includes prohibitions of harassment of students and employees, i.e., racial harassment, sexual harassment, and retaliation for filing complaints of discrimination.

The following person has been designated to handle inquiries regarding the nondiscrimination policies:

Director of Guidance
Diman Regional Vocational Technical High School
(508) 678-2891 x1250

Inquiries concerning the application of nondiscrimination policies may be also be referred to the Regional Director, Office for Civil Rights, U.S. Department of Education, Boston, MA 02109-4557

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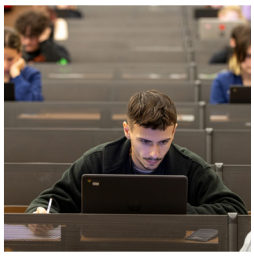


FOREWORD

This course catalogue is intended to give students and parents a general overview of the courses offered at Diman, and it should be used when selecting a program of studies and/or courses for the 2026 academic year. Diman recognizes that each student is a unique individual who will possess specific strengths, needs, and learning styles. The courses offered at Diman provide all students the opportunity to develop their capabilities in a variety of content areas and at the appropriate levels of learning. At Diman, the expectation is that exceptional teaching and learning be the focus of all students, educators, administration, and staff.

Vision Statement

Diman RVTHS graduates will be occupationally skilled workers whose academic, vocational/technical, and workplace competencies will make them responsive to socioeconomic, technological, and environmental challenges in a complex and changing society.

Mission Statement

The mission of Diman RVTHS is to develop the unique potential of each learner by enabling students to acquire knowledge, skills, and dispositions that are needed to achieve personal, academic, vocational/technical, and civic goals.

Purpose of Catalogue

This catalogue offers the complete list of course offerings at Diman Regional Vocational Technical High School. As such, it has been designed to help parents and students at Diman Regional Vocational Technical High School make informed decisions regarding course selection and educational programs. This catalogue should be used during the spring course selection process and in conjunction with teacher recommendations. At Diman RVTHS, faculty, staff, and administration recognize the importance of partnering for student success. Therefore, all program of studies decisions at Diman RVTHS are made in partnering with students' guidance counselors. For more information regarding the course selection process, parents and students are encouraged to contact the Guidance Office.

Accreditation

Diman Regional Vocational Technical High School is accredited by the New England Association of Schools and Colleges (NEASC), the New England Association of Schools and Colleges and Certificate of Occupational Proficiency (COP), and the Massachusetts Department of Elementary and Secondary Education.

Director of Guidance and Admissions
Diman Regional Vocational Technical High School
(508) 678-2891 x1250

Objectives

- To ensure that every student is given opportunity to develop his/her potential without regard to race, color, creed, national origin, gender, sexual orientation, economic status, or disability.
- To provide state-of-the-art, integrated academic and vocational/technical programs which optimize the potential of each student and prepare them to meet the state's performance standards.
- To provide opportunities for students to acquire contemporary workplace skills such as communicating, organizing and analyzing information, solving problems, using technology, initiating and completing assignments, acting ethically and professionally, interacting with others, understanding the structure and dynamics of organizations, and taking responsibility for career and life choices.
- To provide all grade 9 students with an opportunity to explore their interests in a wide array of trade/career options.
- To provide counseling and assistance to students concerning social issues, employment and educational opportunities, and vocational orientation.
- To provide programs and activities which contribute to health and well-being, a safe environment, a sense of belonging, and respect for self and others.
- To use student assessment results to review and improve curricula, courses, programs, and instructional practices.
- To encourage students to pursue professional improvement leading to certification/licensure in their trade areas and post-secondary education.
- To provide continuing adult education with a focus on developing technical skills.
- To continuously seek, with the guidance of active Advisory Boards, new areas of training required for community and industrial development.
- To provide personnel with the resources and the support needed to grow and develop professionally toward a goal of raising student achievement.
- To promote cultural understanding within a diverse population.
- To develop partnerships with business, industry, government, and the community.

Section 504 of the Rehabilitation Act of 1973

Diman Regional Vocational Technical High School complies with all aspects of Section 504 of the Rehabilitation Act of 1973. As such, Diman RVTHS is dedicated to providing all students with a free, appropriate public education (FAPE). For further information regarding 504 accommodations, please contact the Guidance Office.

Special Education Services

Diman provides a range of services to all students with disabilities as per their Individualized Education Programs (IEPs). For those students requiring more academic supports due to their learning differences, Diman Regional Vocational Technical High School offers both substantially separate and inclusive co-taught academic settings. The substantially separate classes are taught by special education teachers utilizing small group instruction, while the co-taught classrooms are comprised of both a content area and special education teacher working together to provide instruction and supports within the co-taught setting. In order to provide students with disabilities the least restrictive environment for delivery of instruction they may be placed in any combination of sub-separate, co-taught, supportive instruction, or general education classroom settings.

For more information, please contact Diman's Office of Special Education.

Director of Special Education
Diman Regional Vocational Technical High School
(508) 678-2891 x1320

Course Selection

Each student is expected to discuss individual course selections with a parent and guidance counselor. Though the Diman team works to ensure that most students are placed in the courses that they request, it is understood that sometimes certain course requests will not fit within a student's schedule. For this reason, the Diman team cannot guarantee that all course requests are met. It is important to remember that course selections are requests only. In placing students, the Diman team reviews student selections, previous grades, career/college goals, course prerequisites, and honors testing results.

Exploratory Placement in a Nontraditional Program

In alignment with The Strengthening Career and Technical Education for the 21st Century Act, Diman RVTHS is committed to increasing the enrollment of programs that prepare students for careers nontraditional for their gender. For practical purposes, the term nontraditional means occupations or fields of work such as careers in computer science, technology, and other current and emerging high skill occupations for which individuals from one gender comprise less than 25% of individuals employed in each such occupation or field of work. For this reason, please be aware that all students at Diman RVTHS are required to enroll in at least one, nontraditional shop during the exploratory process.

Grade Point Average and Class Rank Calculation

Grade Point Averages (GPA) and class rank are important to students seeking scholarships, financial assistance, and other post-secondary endeavors. GPA and class rank are calculated using a system of levels and credits.

Each academic and elective course is assigned the appropriate level based on the rigor of the curriculum and the performance expectations: generally Advanced Placement and dual enrollment courses are rated at the highest level, followed by honors courses, college prep courses, and then college and career readiness level three courses. For the purposes of calculating GPA only, each level is assigned a specific weight. It is important to note that levels do not affect the grade published on a student's report card. Levels provide a means of accurately calculating class rank for a diverse population. Levels may also be utilized to adjust for an individual with significant modifications to his/her course expectations. GPA and class rank are calculated by multiplying a student's adjusted class averages by the corresponding credit value and then dividing by the total number of attempted credits.

Curriculum Level/Grade Scale

Diman Regional Vocational Technical High School utilizes a 4.0 curriculum level/100 point grade scale. The values associated with each course are listed below.

Course Type	Curriculum Level	Grade Scale
Honors	1	4.3
College Preparation	2	4.09
Tech Preparation	3	3.87
AP/Dual Enrollment	5	4.8

Honors Courses

Honors courses are an integral part of the total curriculum at Diman Regional Vocational Technical High School. These courses have been developed keeping in mind the Diman mission statement: "to develop the unique potential of each learner". They are designed to accelerate students' learning in classes that have elevated expectations.

Because of the challenging nature of these courses, they carry higher quality points than the courses for the general student population. It is important to note that Advanced Placement and dual enrollment courses carry a higher weight than all honors sections.

Freshmen Honors Placement

Eighth grade students who have been selected to attend Diman will receive notice of a placement exam in the spring of 2025. During this placement exam, students will be assessed upon their writing, reading, and mathematics skills. Utilizing placement test scores, MCAS scores (when available), and grades from their sending schools, students will be placed in the honors or college preparation sections of history, science, English language arts and mathematics. Since placement is limited in many of these honors level courses, other factors such as attendance, discipline record, and guidance counselor recommendations are also considered. To ensure that placement in the honors courses reflect students' abilities, as well as motivation and work ethic, a review of students' progress begins after the first academic cycle. At this time, teachers may recommend a change in the placement. All changes will take place before October 1st.

Upperclassmen Honors Placement

Diman Regional Vocational Technical High School offers a variety of upperclassmen honors and Advanced Placement level courses. Students in the sophomore, junior, and senior year are placed into honors courses based upon their past academic performances in a current honors class or successful completion of the spring honors placement exam.

Honors students should be highly motivated and have a work ethic that will ensure that all assignments are passed in on time and meet the expectations of the honors course. A student who is not meeting the expectations of the honors course and does not maintain an 80% average may be removed from the class or have a written contract drawn up (honors override form) allowing him/her to remain in the class under certain criteria.

It is important to note that honors selection can only be granted when a student has met all course prerequisites. Honors placement cannot be granted without meeting all required expectations. The prerequisite criterion for each course is detailed in the course description section of this catalogue.

Dual Enrollment

Diman Regional Vocational Technical High School strives to provide all students with a rigorous and competitive education. Due to the demanding nature of these courses, some Diman students are prepared for college courses at an early age. Students who are ready to face the challenge that college offers may then enroll in dual enrollment courses. In accordance with the District's Dual Enrollment Policy, students who take and pass college courses may be eligible for replacement high school credit. For assistance with this course scheduling, students interested in dual enrollment courses should see a guidance counselor prior to registering for college level courses. Students who do not submit prior approval paperwork may not be eligible for replacement course credit at Diman.

Honor Roll Parameters

An Honor Roll is announced at the end of each marking semester. If a student fails a pass/fail course, they are ineligible for the Honor Roll. Curriculum level does not affect the Honor Roll calculations. High Honors is awarded when all semester grades are 90 and above. Honors is awarded when all semester grades are 80 and above.

Cooperative Education Eligibility

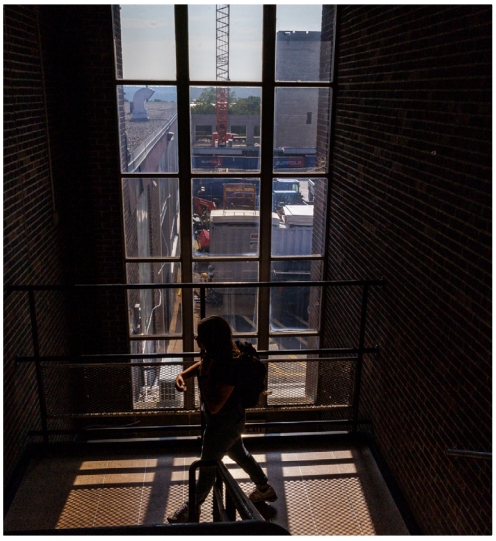
A student must have a grade of 70 or higher in all classes for initial eligibility and continued eligibility. Eligibility for Cooperative Education is based on semester grades. Eligibility is determined by "report card to report card notification."

Graduation Requirements

Diman graduation requirements have been designed to align closely with the MassCore. As such, all Diman students must adhere to the minimum 210 credits in order to graduate, while also meeting the graduation requirements listed below.

Diman RVTHS - Graduation Requirements

Credits	*210 / 240 credits to graduate ** 55 credits per year for academic promotion
English (5 credits per course)	*Must pass four ELA courses **Must pass one ELA course each year
Math (5 credits / 7.5 per course)	**Must pass all four math courses, though at least Algebra 2 **Must pass one math course each year
Science (5 credits per course)	*Must pass three science courses **Must pass both ninth and tenth grade science courses
History (5 credits per course)	* Must pass three courses, including U.S. I, U.S. II, and World History.
CVTE Theory (5 credits per course)	*Must pass three courses
CVTE Program (25 credits / 30 per course)	*Must pass four courses or 3.5 years **Must pass CVTE program each year



Graduation Pathways

	Freshmen Year 60 credits (55/60 credits to be promoted)	**Sophomore Year** 60 credits (110/120 credits to be promoted)	**Junior Year** 60 credits (165/180 credits to be promoted)	**Senior Year** 60 credits (210/240 credits to graduate)
English (5 credits per course) Must pass four ELA courses Must pass one ELA course each year	ELA 9 ELA 9 Honors	ELA 10 ELA 10 Honors	ELA 11 AP Literature AP Language	ELA 12 AP Literature AP Language
Math (5 credits per course/7.5 credits per course) Must pass all four Math courses, through at least Algebra 2 Must pass one Math course each year	Algebra 1 Geometry Honors Geometry	Geometry Honors Geometry Algebra 2 Honors Algebra 2	Algebra 2 Honors Algebra 2 Honors Precalculus Statistics Advanced Algebra & Trig AP Statistics	Honors Precalculus Calculus Statistics Advanced Algebra & Trig AP Statistics AP Calculus
Science (5 credits per course) Must pass three course Must pass biology, physics, and chemistry	Biology Honors Biology	Honors Physics Physics AP Biology	Chemistry Honors Chemistry AP Biology	Chemistry Honors Chemistry AP Biology
History (5 credits per course) Must pass three course Must pass U.S. I, U.S. II, and world history	U.S. I Honors U.S. I	U.S. II Honors U.S. II	World History AP World History AP Government and Politics	World History AP World History AP Government and Politics
CVTE Theory (5 credits per course) Must pass three courses		Grade 10 CVTE Theory	Grade 11 CVTE Theory	Grade 12 CVTE Theory
CVTE Program (25 credits per course/30 credits per course) Must pass four courses Must pass CVTE Program each year	*30 credits granted for the combination of Exploratory and CVTE Program	*30 credits if CVTE Theory is on the academic side * 25 credits if CVTE Theory is on the vocational side	*30 credits if CVTE Theory is on the academic side * 25 credits if CVTE Theory is on thevocational side	*30 credits if CVTE Theory is on the academic side * 25 credits if CVTE Theory is on the vocational side
Physical Education/Health and Wellness (2.5 credits per course)	Must be enrolled in Physical Education/Health and Wellness 9	Must be enrolled in Physical Education/Health and Wellness 10	Must be enrolled in Physical Education 11, Physical Education 12, or Athletic Study	Must be enrolled in Physical Education 11, Physical Education 12, or Athletic Study
Selectives (2.5 credits per course)	Reading Support Strategies Academic Support Career Readiness I	Reading Support Strategies Academic Support	Reading Support Strategies Academic Support Career Readiness II	Reading Support Strategies Academic Support
Electives/Additional Courses (2.5 credits per course/) Additional electives may be added based upon student interest and guidance recommendation	Spanish I Psychology Sociology Contemporary History Sign Language Creative Writing Mathematics of Finance Marine Biology Topics of Forensics Environmental Science Topics in Personal Finance I	Spanish I Psychology Sociology Contemporary History Sign Language History of Broadway Creative Writing Mathematics of Finance Marine Biology Topics of Forensics Environmental Science Topics in Personal Finance I PSAT/SAT/ACT Prep-Math PSAT/SAT/ACT Prep-ELA	Spanish I Psychology Sociology Contemporary History Sign Language History of Broadway Creative Writing Mathematics of Finance Marine Biology Topics of Forensics Environmental Science Topics in Personal Finance I PSAT/SAT/ACT Prep-Math PSAT/SAT/ACT Prep-ELA	Spanish I Spanish II Portuguese II Psychology Sociology Contemporary History Sign Language History of Broadway Creative Writing Mathematics of Finance Marine Biology Topics of Forensics Environmental Science Topics in Personal Finance I Topics in Personal Finance II PSAT/SAT/ACT Prep-Math PSAT/SAT/ACT Prep-ELA
Attendance	Over 6 unexcused absences per semester or 9 unexcused absences per year will result in attendance failure for all courses.	Over 6 unexcused absences per semester or 9 unexcused absences per year will result in attendance failure for all courses.	Over 6 unexcused absences per semester or 9 unexcused absences per year will result in attendance failure for all courses.	Over 6 unexcused absences per semester or 9 unexcused absences per year will result in attendance failure for all courses.
Standardized Tests and Projects	All freshmen must complete the state mandated Civics Project.	Successful completion of the MCAS Exam can lead to scholarships of up to $6,000 in Massachusetts. MCAS is required in ELA, Mathematics, and Science. PSAT is encouraged for students seeking scholarships or intending to enter AP classes.	ACT, PSAT, and/or SAT are encouraged for students attending four-year post-secondary institutions.	ACT and/or SAT are encouraged for students attending four-year post-secondary institutions.

Admission Policy

Admissions

When Diman Regional Vocational Technical High School (Diman Regional) receives more applications than it has available seats, Diman Regional applies selection criteria to determine which students it will admit. The criteria Diman Regional applies has been approved by its School Committee and the School Committee will approve the use of these criteria annually. Diman Regional's admissions policy is on file at the Department of Elementary and Secondary Education.

Equal Education Opportunity

Diman Regional admits students and makes available to them its programs, privileges, and courses of study without regard to race, color, sex, gender identity, religion, national origin, sexual orientation, or disability.

If a student's primary language is not English, Diman Regional will provide them with an application form in their home language. Please contact our Admissions Office at 508 678 2891 extension 1500 or admissions@dimanregional.org if you have questions or need help filling out the application form.

Diman Regional is committed to providing educational opportunities to students experiencing homelessness. Please contact Diman Regional's liaison at 508 678 2891 extension 1500 or admissions@dimanregional.org with any questions.

Students with disabilities may voluntarily identify themselves to Diman Regional to request reasonable accommodations during the application and admissions process.

Neither a student's disability nor the primary language of their home will have any effect on their admission to Diman Regional.

Consistent with Massachusetts regulations, Diman Regional has created a plan with deliberate , specific strategies to promote equal educational opportunities and attract, enroll, and retain a student population that, when compared to students in similar grades in sending districts, has a comparable academic and demographic profile.

The staff of the Greater Fall River Vocational School District will meet regularly to review student enrollment data. These meetings will focus on ensuring the district's commitment to equity and diversity. Data from our district will be reviewed and compared to sending districts. Based on outcomes, our plan will include action steps to meet with stakeholders and identify potential needs and improvements to our practices and protocols.

Eligibility

Current 8th, 9th, 10th, 11th, or 12th grade student who is a resident of Greater Fall River Vocational may apply for admissions to Diman Regional. Students may only be admitted to Diman Regional if they have been promoted to the grade they are seeking to enter, so students should be aware their admissions is conditional-if they are not ultimately promoted to enter the grade they have applied for, their admission will be rescinded. Residents of Greater Fall River Vocational who meet the minimum admissions requirements are admitted before any non-residents seeking the same program.

Apportionment:
Diman Regional has a regional agreement in place that identifies the cities and towns that are members of the region, and explains how those cities and towns allocate seats to their residents. This agreement can be found at:
https://www.dimanregional.org/cms/lib/MA01929605/Centricity/Domain/138/RegionalAgreement_2.pdf

Non-Residents:
Students who are not residents of Greater Fall River Vocational are eligible to apply for admission to Diman Regional. Please be aware that residents of Greater Fall River Vocational who meet the minimum admission requirements will be admitted before any non-residents seeking the same program. Students and families can find information on the Chapter 74 Nonresident Student Tuition Program at https://www.doe.mass.edu/ccte/cvte/admissions/

Homeschooled Students:
Homeschool applicants may apply to Diman Regional full-time and will be subject to the same admissions standards as other applicants. Documentation from sending superintendents will be needed to verify home schooling.

Transfer Students:
Students already participating in Chapter 74 programs at another school may apply for admission to Diman Regional and will be subject to the same admissions standards as other applicants.

School Choice:
Diman Regional does not participate in the inter-district school choice program. The inter-district school choice program, M.G.L. c. 76, s 12B, allows parents/guardians to send their children to schools in communities other than the city or town in which they reside.

Organizational Structure:

Diman Regional is a Chapter 74 Regional Vocational School located in Fall River, MA.

The Superintendent of Diman Regional is:
Mr. Brian Bentley (bbentley@dimanregional.org)

The Principal of Diman Regional is:
Leslie Weckesser (lweckesser@dimanregional.org)

It is the responsibility of Diman Regional's Superintendent to supervise the administration of the policies and procedures used to admit and enroll students, consistent with all applicable laws, regulations, and guidance.

Admissions Communication Policies

Diman Regional maintains a calendar of events on its website (www.dimanregional.org) where it provides information on admissions process, as well as other information about its programs. Students and their families can request hard copies of the calendar by calling or emailing the Admissions Office at 508 678 2891 extension 1500.

Diman Regional also sends out recruitment information to potential applicants in the following ways:

a. Annually, an information session will be held to review the Admission Policy and procedures for area Guidance Counselors.

b. A video presentation and discussion of the programs available is conducted at the district schools in the fall. This includes discussion of opportunities for students to pursue non-traditional careers.

c. Vocational programs, academic pathways information, application and other pertinent information is available on Diman's web site: www.dimanregional.org.

d. Several tour dates will be available for student and parents during the school year to visit Diman and all shop programs. Diman Regional offers tours of its facilities to interested applicants. To request a tour, please sign up on the Admissions Page of the school's website. If the agreed-upon slot for a tour occurs during the applicant's school day, the Admissions Office will provide confirmation to the applicant's current school that the applicant attended a tour during this time. Transportation will be the responsibility of the parent/guardian or sending school.

e. Annually, a Parent/Guardian open house is held to inform and disseminate information regarding the application process and services at Diman Regional Vocational Technical High School. Open House includes presentations about vocational-technical programs including academic offerings, athletic programs and extracurricular activities and clubs.

f. Brochures that describe vocational/technical programs including academic courses, sports, cooperative education and special education resources are distributed during Open House and presentations at the district schools.

g. Content on social media is published about specific accomplishment of Diman Regional Vocational Technical High School students in traditional and non-traditional programs, cooperative education and the school in general.

h. Admission informational events will be held each fall that are geared specifically toward assisting English Language Learners and Special Education Students learn about Diman, the support services offered at Diman and assistance with the application process.

Application Process

A. Application process for fall admission to the 9th grade

1. Students interested in applying to Diman Regional for fall admission to the 9th grade must complete an application AND have their School submit all required documentation.

a. Complete and submit an online application at www.dimanregional.org. For those needing a paper copy, they may contact the DIMAN guidance office at 508-678-2891 x 1500.

b. Applications received on or before December 15th will be considered for the first round of acceptances. Applications received after December 15th will be integrated in rank order on the established applicant list however they will not be considered for the first round of acceptances.

c. Diman will request records from sending school for applicants.

2. It is the responsibility of the sending school counselor (or other school personnel, if applicable) to:

a. Complete electronic score report, which includes conduct, grades; attendance, recommendation (refer to rubric for recommendation) and required signatures.

b. Submit a copy of the student's academic, attendance, and discipline records electronically by the Friday before February vacation for fall admissions.

3. Applications are considered complete when:

a. All the required information on application is completed

b. All required signatures are present.

c. A copy of the student's academic, attendance and discipline records are provided by sending school.

d. Score sheet and school recommendation is completed and signed by sending school.

4. If the required school documentation is not received by Diman, the following procedures will be followed:

a. Diman Regional Vocational Technical High School's Guidance Office will notify the local school Guidance Counselor responsible for submitting the required school documentation that the application is incomplete and will request completion.

b. The applicant's parent(s)/guardian(s) will be notified by Diman Regional Vocational Technical High School's Guidance Office in the event the problem is not resolved by the local school Guidance Counselor.

c. If after notifying the local school's Guidance Counselor and parent(s)/guardian(s), the application remains incomplete for ten (10) school days, the application will be considered inactive.

5. Application Verification and School Admission Residency Affidavit

a. All students must reside in the Town of Somerset, Swansea, Westport or the City of Fall River, per Massachusetts General Laws, Chapter 76 Section 5.

b. All applications are subject to a residency verification.

c. An affidavit will be relied upon by the Greater Fall River Vocational School District for the purpose of determining the student's eligibility to attend Diman Regional Vocational Technical High School on the basis of residency. If it is subsequently determined that the student does not actually reside in Fall River, Somerset, Swansea, or Westport, the student's enrollment at Diman Regional Vocational Technical High School will be promptly terminated and will be jointly and severally liable for tuition for the full academic year(s).

B. Application process for fall admission to the tenth, eleventh and twelfth grade:

1. Students interested in applying to Diman Regional Vocational Technical High School must:

a. Complete and submit an online application at www.dimanregional.org. For those needing a paper copy, they may contact the DIMAN guidance office at 508-678-2891 x 1500.

b. Applications received on or before June 1st will be considered for the first round of acceptances. Applications received after June 1st will be integrated in rank order on the established applicant list however they will not be considered for the first round of acceptances.

c. Diman will request records from sending school for applicants.

2. It is the responsibility of the local Guidance Counselor to:

a. All the required information on application is completed.

b. All required signatures are present.

c. A copy of the student's academic, attendance and discipline records are provided by sending school.

d. Score sheet and school recommendation is completed and signed by sending school.

3. If the required school documentation is not received by Diman, the following procedures will be followed:

a. Diman Regional Vocational Technical High School's Guidance Office will notify the local school Guidance Counselor responsible for submitting the required school documentation that the application is incomplete and will request completion.

b. The applicant's parent(s)/guardian(s) will be notified by the Guidance Office at Diman Regional Vocational Technical High School in the event that the problem is not resolved by the local school Guidance Counselor.

c. If after notifying the local school's Guidance Counselor and parent(s)/guardian(s), the application remains incomplete for ten (10) school days, the application will be considered inactive.

4. Application Verification and School Admission Residency Affidavit

a. All students must reside in the Town of Somerset, Swansea, Westport or the City of Fall River, per Massachusetts General Laws, Chapter 76 Section 5.

b. All applications are subject to a residency verification.

c. An affidavit will be relied upon by the Greater Fall River Vocational School District for the purpose of determining the student's eligibility to attend Diman Regional Vocational Technical High School on the basis of residency. If it is subsequently determined that the student does not actually reside in Fall River, Somerset, Swansea, or Westport, the student's enrollment at Diman Regional Vocational Technical High School will be promptly terminated and will be jointly and severally liable for tuition for the full academic year (s).

Transfer Students:

Students already enrolled in a Chapter 74 state approved program in another school may apply for admissions to Diman Regional. Please contact the Admissions Office at 508 678 2891 extension 1500 or admissions@dimanregional.org with any questions. You may apply at www.dimanregional.org or contact the Admissions Office to request a paper application.

Withdrawn Students:

Students who withdraw from Diman Regional Vocational Technical High School and who are attending or not attending another high school may reapply to Diman Regional Vocational Technical High School following the procedures contained in this Admission Policy and will be evaluated using the criteria contained in this Admission Policy

Selection Process

When more students apply to Diman Regional than available seats, Diman Regional uses the following system to select students for admission:

Selection Criteria

Completed applications are processed by the Guidance Office using admissions criteria. Each applicant will be assigned a score derived from the sum of the sub scores of the following criteria:

Conduct - Maximum 50 Points

50 points --Zero suspensions or incidents imposed pursuant to MGL c.71 37H, 37H½, 37H¾

0 points - One or more incidents resulting in suspension imposed pursuant to MGL c.71 37H, 37H½, or for which suspension or expulsion totals 10 or more days was imposed to M.G.L. c 71, 37H ¾. A copy of the student's disciplinary record must accompany the application. Each suspension or infraction will be reviewed to determine a pattern of multiple incidents of major discipline under 37H ¾ which may reflect upon the student's likelihood of success or safety in the vocational school or program. Students who receive zero (0) points due to this will be given an opportunity to explain and clarify the suspensions or pattern of incidents to an admissions panel comprised of the Principal, Director of Admissions, Director of Diversity, Equity and Inclusion, a Vocational Instructor, and a Guidance Counselor.

Academic Marks

Academic Marks - Maximum 136 Points
Final grades of A (100-90) will receive 17 points
Final grades of B (89-80) will receive 12 points
Final grades of C (79-70) will receive 7 points
Final grades of D (69-60) will receive 2 points
Final grades of A (below 60) will receive 0 points

For applications to grade nine (fall admission) the final grade seven and Terms 1 and 2 grade eight marks (or first trimester marks) in English, Social Studdies, Mathmatics, and Science from the local school report card/transcript are used. Applications to grades ten, eleven, and twelve (fall admission) the final marks of the last two school years in English, Social Studdies, Mathmatics, and Science from the local school report card/transcript are used. Applications to grades nine, ten, eleven, and twelve (admission during the school year) the previous final grade marks in English, Social Studdies, Mathmatics, and Science and the current school year to the date of the application marks in English, Social Studdies, Mathmatics, and Sciencerom the local school report card/transcript are used.

Attendance Marks

Attendance Maximum 80 Points

Cumulative Unexcused Absences -	
Points-- 80 -- 0 days absent	Points-- 35 -- 16-17 days absent
Points-- 75 -- 1-2 days absent	Points-- 30 -- 18-19 days absent
Points-- 70 -- 3-4 days absent	Points-- 25 -- 20-21 days absent
Points-- 65 -- 5-6 days absent	Points-- 20 -- 22-23 days absent
Points-- 60 -- 7-8 days absent	Points-- 15 -- 24-25 days absent
Points-- 55 -- 9-10 days absent	Points-- 10 -- 26-27 days absent
Points-- 50 -- 11-12 days absent	Points-- 5 -- 28-29 days absent
Points-- 45 -- 13-14 days absent	Points-- 0 -- 30 or more days absent
Points 40 -- 15-16 days absent	

For applications to grade nine (fall admission), grade seven and grade eight unexcused absences up until December 31st are used.

For applications to grades ten, eleven and twelve (fall admission) the previous school year and current school year unexcused absences from the local school report card/transcript are used.

For applications to grades nine, ten, eleven and twelve (admission during the school year) the previous years unexcused absences and the current school year to the date of the application, unexcused absences from the local school report card/transcript are used.

An unexcused absence is defined as an absence that is not school approved.

Examples of school approved absences are: medical appointments, funeral leave, court appearances, religious observances or any other reason approved by the school. A copy of the student's attendance record must accompany the application.

Recommendation - Maximum 60 Points (from School Guidance)

For application to grades nine, ten, eleven and twelve (fall admission and admission during the school year) the assessment of a student's overall performance within his/her school is used for the recommendation.

After points are given in each area, the points are totaled for each applicant. A maximum total of the three hundred and twenty-six (326) points can be earned for incoming students.

The Director of Guidance and Admissions at Diman Regional Vocational Technical High School considers all score criteria; scholastic achievement, attendance, conduct, and the recommendation. Applications are reviewed, processed and assigned points by criteria.

After a point total for each resident applicant has been determined, all resident applicants are placed in order of their "point total" and town of residence. Resident applicants are then accepted in order of the point total they have achieved. In the case of a tied score, the application date will be reviewed and the application will be rank ordered by first received.

The resident applicant with the first highest point total is accepted first, the resident applicant with the second highest point total is accepted second and so on until all seats are filled. All applicants are accepted, declined or receive a letter to submit their final report cards. If openings occur, the seats are filled by accepting resident applicants from the next student in order of point total.

All applicants whose applications are received by Diman Regional Vocational Technical High School are notified of their status by a letter to their parent(s)/guardian(s). Enrollment and Conditional Enrollment: Diman Regional will ask sending districts to confirm that all accepted students have been promoted and have not received major discipline pursuant to MGL c.71 37H, 37H½, or for which suspension or expulsion totals 10 or more days was imposed pursuant to M.G.L. c 71, 37H ¾. Students who have received the aforementioned discipline after acceptance will be given an opportunity to explain and clarify the suspensions or pattern of incidents to an admissions panel comprised of the Principal, Director of Admissions, Director of Diversity, Equity, and Inclusion, a Vocational Instructor, and a Guidance Counselor. If the panel finds sufficient cause, the acceptance may be withdrawn.

RUBRIC FOR RECOMMENDATION From Guidance Counselor

Vocational Interest	Maturity Level	Motivation
Strong Interest in Vocational Education (20 Points) i.e. Has a specific shop in mind, knows they want to work with their hands	Maturity level above peers (20 Points) i.e. Appears established, and conducts themselves in an adult-like manner	Highly motivated and proactive (20 Points) i.e. Has improved grades, attendance, and behavior from grade 7 to 8.
Modern Interest in Vocational Education (10 Points)	Maturity level with peers (10 Points)	Motivated and action-oriented (10 Points)
Some Interest in Vocational Education (5 Points)	Maturity level below most peers (5 Points)	Takes action only when required (5 Points)
No Interest in Vocational Education (0 Points)	Maturity level significantly lower than peers (0 Points)	Lacks motivation and willingness to take action without distraction (0 Points)

Exploratory Program

Because Diman Regional offers 5 or more Chapter 74 state approved programs, Diman Regional provides a half year exploratory program for 9th grade students. The program is based on the applicable Vocational Technical Education and Massachusetts Curriculum Frameworks.

All ninth graders who enroll in Diman Regional Vocational Technical High School participate in a vocational technical exploratory program designed to help them learn about their talents and interests. Students list their top three exploratory choices on their application and explore each of them along with nine other shops (one of which is a non-traditional shop) for two to four days. Students are evaluated and scored by each shop instructor.

Program Specific Admission

Diman Regional uses the following system for students to identify and enroll in their Chapter 74 technical program: At the end of the students' shop exploratory period, each student selects his/her program of choice, as well as a second third, fourth, fifth and sixth choice. Students are admitted into the shop of their choice based on the point total they receive on the Exploratory Evaluation Rubric. If a shop fills, based on point total, before a student gets his/her first choice, the Director of Guidance and Admissions then moves to the student's second, third, fourth, fifth or sixth choice depending upon whether there is an opening in the shop. If a student's point total on the Exploratory Evaluation Rubric does not qualify them for a shop of their choice, the Director of Guidance and Admissions will place the student in a shop taking into consideration availability, shops explored, and student exploratory performance. This process continues until all students are placed.

Diman Freshman Exploratory Rubric

Work Readiness: 50% of possible points

Criteria	Exceed Expectation	Met Expectation	Worked Towards Meeting Expectation	Below Expectation
Participation	**7**	**5**	**3**	**1**
Stayed on Task	Required no cues to stay on task.	Required minimal cues to stay on task.	Needed some cues during the day to stay on task.	Needed repeated cues to stay on task.
Student demonstrated interest	Student demonstrated interest.	Student demonstrated some interest.	Student demonstrated little interest.	Student demonstrated no interest.
Problem-solved independently following instruction	Problem-solved independently	Sought help when needed to complete the project and/or competency	Rarely sought help when needed to complete the project and/or competency	Never sought help when needed to complete the project and/or competency.
Took Initiative to do more	Took initiative to do more.			
Interaction and Attitude	**7**	**5**	**3**	**1**
Demonstrated respect for the instructor, classmates, and others	Interacted well with instructor/classmates, was a team player, friendly and helpful.	Cooperated willingly and required minimal cues regarding acceptable interaction with instructor/classmates.	Needed some cues regarding acceptable interaction with instructor/classmates.	Needed repeated cues regarding accepted interaction with instructor/classmates.
Conduct and Effort	**7**	**5**	**3**	**1**
Prepare for shop and followed shop rules	Followed all shop rules; arrived in shop with proper exploratory attire.	Required minimal reminders of the shop rules; arrived in shop with proper exploratory attire.	Needed some reminders of the shop rules; arrived prepared, but was missing some items.	Needed repeated reminders of shop rules; arrived unprepared and missing multiple items.
Demonstrated effort in completing exploratory project(s) / assignment (s) utilizing time management skills.	Exhibited effort in every aspect and employed exceptional time management.	Exhibited effort by utilizing effective time management.	Lacked effort by exhibiting poor time management, however routine work was acceptable.	Unmotivated and lacked time management skills. Required constant instructor monitoring in order to complete the work.
Safety	**7**	**5**	**3**	**1**
Followed shop specific safety guidelines.	Followed all shop specific safety guidelines.	Needed minimal reminders of shop specific safety guidelines.	Needed some reminders of shop specific safety guidelines.	Needed repeated reminders of shop- specific safety guidelines.

25% of possible points	7	5	3	1
Criteria	Exceeded Expectation	Met Expectation	Worked Towards Meeting Expectations	Below Expectation
After instruction, student completed project(s) and/or assignment(s) with	No assistance and no redirection	Minimal assistance and redirection	Some assistance and some redirection.	Constant assistance and redirection was required.
After instruction, student completed project(s) and/or assignment(s) with	No misunderstanding of written and verbal instructions.	Minimal misunderstanding of written and verbal instructions.	Some misunderstanding of written and verbal instructions.	Excessive misunderstanding of written and verbal instructions.
Projects/ Assignemnts count as ONE category for 25% of points.				
Project(s):	**7**	**5**	**3**	**1**
Criteria	Exceeded Expectation	Met Expectation	Worked Towards Meeting Expectations	Below Expectation
Student completed project(s)	Precise, exceptional quality workmanship, with all projects standsards met.	Acceptable workmanship with all projects standards met.	Below average workmanship, minimum project standards met.	Poor quality workmanship. Does not meet project standards, even with substantial help.
Assessments(s):	**7**	**5**	**3**	**1**
Criteria	Exceeded expectation	Met Expectation	Worked Towards Meeting Expectations	Below Expectation
Students completed assessment(s)	Showed command of important concepts.	Showed good understanding of key concepts with minimal conceptual inconsistencies.	Showed basic grasp of some concepts with some conceptual inconsistencies.	Showed inadequate grasp of concepts with multiple conceptual inconsistencies.

Review and Appeal Process

If Diman Regional does not accept an applicant, or places them on a waitlist, the applicant or their parent/guardian may request the Superintendent of Diman Regional to review the decision (within the accepted timeline). These requests can be made the following way:

1. By email to bbentley@dimanregional.org

2. By hard-copy mail or hand delivered to 251 Stonehaven Road, Fall River, MA, 02723, Attention: Mr. Brian Bentley

The Superintendent will respond to these requests for review in writing and indicate whether the decision to deny admission to the student, or to waitlist the student, will stand or be overturned. In making this determination, the Superintendent will review the following information: The applicant's parent(s)/guardian(s), upon receipt of a letter from Diman Regional Vocational Technical High School indicating that the applicant was not accepted, may request a review of the decision by sending a letter requesting a review to the Superintendent within thirty days of the receipt of the letter. The Superintendent will respond in writing to the letter with the findings of the review. They may do so by sending a letter requesting that they be scheduled to appear before the School Committee to appeal the Superintendent's findings. The School Committee will respond in writing to the parent(s)/guardian(s) with a scheduled date for the appeal within thirty days of the receipt of the letter. The School Committee will respond in writing to the letter with their decision on the appeal within thirty days of the School Committee meeting when the appeal was presented.

The Superintendent can review data related to the application process only. The School Committee can also review data related to the application process only. Decisions will be made based on data only, no inferences will be allowed during the Appeal Process.

Admission to Specific Programs within Diman Regional:

Students who are admitted to Diman Regional will need to apply to a specific program of student (shop) during their 9th grade year.

If the student applies to a program and is denied, the student may appeal their rejection to the Superintendent in the following ways:

1. By email to bbentley@dimanregional.org

2. By hard-copy mail or hand delivered to 251 Stonehaven Road, Fall River, MA, 02723, Attention: Mr. Brian Bentley The student's/ applicant's parent(s)/guardian(s), upon notification from Diman, indicating that the student's/applicant's was not placed in a particular shop program may request a review of the decision by sending a letter requesting a review to the Principal within thirty days of the receipt of the letter. The Principal will respond in writing to the letter with the findings of the review within thirty days.

In making this determination, the Superintendent will review the following information:

-Exploratory selection sheets from the student

-Exploratory grades

-School wide placement data

Maintenance of Records

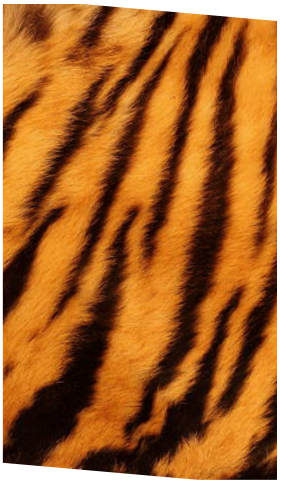
Diman Regional maintains records of all students who apply, enroll, or are waitlisted, as well as their score on admission criteria, to facilitate analysis of its admissions system and compliance with application laws and regulations. Diman Regional will provide this information to DESE upon request.

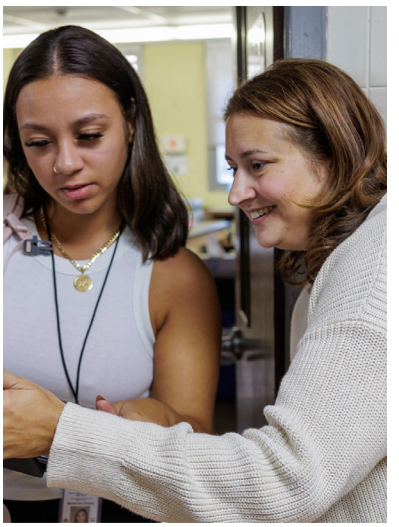
Approved by SC - 11/7/24

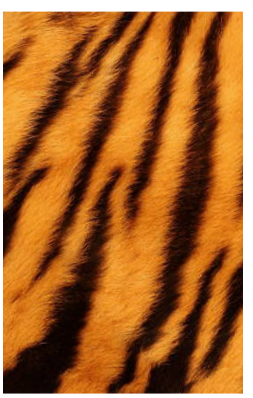
Academic *Programs*

The Academic Program at Diman Regional Vocational Technical High School consists of five core academic departments, each offering a variety of courses, elective options, honors classes, and Advanced Placement options, thus allowing Diman students the flexibility to design a unique academic experience that best suits their interests and educational needs.

The goal of the Academic Program at Diman is to help each student develop their unique potential in order to become occupationally skilled workers whose academic, vocational/technical, and workplace competencies will make them responsive to socioeconomic, technological, and environmental challenges in a complex and changing society.







English Language Arts

English Department

ENGLISH DEPARTMENT COURSE OFFERINGS

Name	Course #	Grade	Level	Credits
Honors English Language Arts 9	3201	9	1	5
English Language Arts 9	3001	9	2/3	5
Honors English Language Arts 10	3202	10	1	5
English Language Arts 10	3002	10	2/3	5
English Language Arts 11	3003	11	2/3	5
Advanced Placement English Language and Composition	3144	11/12	5	5
Advanced Placement English Literature and Composition	3145	11/12	5	5
English Language Arts 12	3004	12	2/3	5
PSAT/SAT/ACT Prep- ELA	3234	Elective	2	2.5
Reading Support Strategies	3235	Elective	2	2.5
Art and Literature Fusion	3326	Elective	2	2.5
Creative Writing	4068	Elective	2	2.5
History of Broadway	3325	Elective	2	2.5
American Sign Language	4100	Elective	2	2.5

The English Language Arts curricula offers integrated literature based courses in which students of all four years are grouped heterogeneously. All four levels concentrate on reading comprehension through strategies for active readers, literary analysis, critical thinking skills, vocabulary development, and the writing process. In addition, for enhancement and enjoyment, all four levels are supplemented with novels that correspond to each year of study.

grade 9

3001 – ENGLISH LANGUAGE ARTS 9

5 Credits | Level 2/3

The freshman English Language Arts curriculum introduces selections of various genres including fiction, nonfiction, poetry, and drama. Emphasis is placed on evaluating literary devices to enhance analytical skills and encourage complex understandings of texts. Students engage in a variety of writing activities and assignments that require attention to audience and purpose, as well as careful organization, use of evidence, and clear expression of ideas.

grade 10

3002 – ENGLISH LANGUAGE ARTS 10

5 Credits | Level 2/3

The sophomore English Language Arts curriculum reinforces and expands competencies initiated in freshman level English Language Arts. Students continue to grow as critical readers and thinkers while supporting the frameworks for MCAS strategies. Emphasis is placed on evaluating literary devices to enhance analytical skills and encourage complex understandings of texts. Students engage in a variety of writing activities and assignments that require attention to audience and purpose, as well as careful organization, use of evidence, and clear expression of ideas.

grade 9

3201 – HONORS ENGLISH LANGUAGE ARTS 9

5 Credits | Level 1

The freshman honors English Language Arts curriculum focuses and extends students' understanding of the various genres offered in the freshman English Language Arts curriculum. Novels will be assigned during the shop cycle interim, as well as, during the academic cycle. These will be the basis for in depth literary analysis presentations before a critical audience for discussion and debate. In addition, emphasis is placed on developing greater proficiency in paragraph development and vocabulary of the writing process.

**Prerequisites: Enrollment in this course is based upon student placement exam results. As part of this placement exam, students must score at least a 17/20 on the written portion of this test in order to be eligible for Honors English Language Arts 9 placement. Additionally, previous student English scores and overall transcripts will be considered when placing students in this class.*

grade 10

3202 – HONORS ENGLISH LANGUAGE ARTS 10

5 Credits | Level 1

The sophomore Honors English Language Arts curriculum reinforces and expands competencies initiated in freshman level English Language Arts. Students read the various works of the sophomore English Language Arts curriculum and analyze the form and purpose of these genres. Novels may be assigned during the shop cycle interim, as well as during the academic cycle, which will be the basis for in-depth literary analysis to demonstrate considerations of audience, purpose, and information conveyed. Students will develop evidence-based arguments, engage in academic dialogue, consider different sources of information, and utilize basic research techniques.

**Prerequisites: Grade of 80 or above in Honors ELA 9 or Grade of 90 or above in ELA 9, teacher recommendation, and passing score on placement exam.*

***Students wishing to take the writing placement exam for this honors course must see their English teacher(s) prior to April of their freshman year.*

grade 11

3003 – ENGLISH LANGUAGE ARTS 11

5 Credits | Level 2/3

The junior English Language Arts curriculum gives students knowledge of American writers for a sense of the diversity of our country. This course provides students with an awareness of cultural and historical influences on literature. American literature genres include myths, songs, folktales, poetry, sermon, primary sources, legend, fiction, nonfiction and historical narrative. Four author studies are also examined. Students also complete an integrated expository writing/ speech project, as well as critique writing, narrative, descriptive and persuasive process writing.

grade 12

3004 – ENGLISH LANGUAGE ARTS 12

5 Credits| Level 2/3

The senior ELA curriculum focuses on classic British literature from the Anglo-Saxon Period, the English Renaissance, the Restoration Period, the Romantic and Victorian Eras to contemporary times. The genres are epic poetry, romantic poetry, Victorian poetry, framework stories, sonnets, Shakespearian drama, novels, diaries, and fiction. In addition, students complete an author study on Chaucer. Process writing includes narrative, descriptive, expository, and persuasive writing.

grade 11

grade 12

3144 – ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION

5 Credits | Level 5

The AP English Language and Composition course aligns to introductory college-level rhetoric and writing curriculum. The course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as forms of text— from a range of disciplines and historical periods.

**Weighted course towards GPA*

***Course goals and further descriptions can be found at collegeboard.org*

****All students enrolled in AP classes will sit for the national AP Exam in May or take a final exam.*

grade 11

grade 12

3144 – ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION

5 Credits| Level 5

The AP English Literature and Composition course aligns to an introductory college-level literature and writing curriculum. The AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative
essays that require students to analyze and interpret literary works.

**Weighted course towards GPA*

***Course goals and further descriptions can be found at collegeboard.org*

****All students enrolled in AP classes will sit for the national AP Exam in May or take a final exam.*

3325 - HISTORY OF BROADWAY

2.5 Credits | Level 2

This course is an elective for students who have an interest in drama, theater, music, and film. The primary objective is to expose students to the rich history, heritage, and evolution of the American Musical. It will explore different periods of history in which popular Broadway musicals and Hollywood films are set. Students will learn about New York's theatrical history through the use of audio and visual media and will examine how the period is represented within each show. Optional field trips to see live performances will be offered.

3326 - ART AND LITERATURE FUSION

2.5 Credits | Level 2

This elective course caters to students with an interest in studio art and its significance throughout human history. Participants will engage in self-expression by crafting their own artwork, while also exploring creative writing and poetry. At the same time, they will study the cultural fusion of art and literature to establish meaningful connections between the two. The curriculum will introduce students to a variety of artistic mediums such as painting, drawing, sculpture, and mixed media, while pairing the use of these techniques with both ancient and contemporary texts. The course aims to cultivate an appreciation for the arts and humanities in today's world, emphasizing their crucial role in global communication. Students will create and maintain an art journal and portfolio documenting their progress. Additionally, the course includes museum trips, creative workshops, and a year-end art exhibition. No prior artistic experience is required.

3234 - PSAT/SAT/ACT PREP- ELA

2.5 Credits | Level 2

This course is designed to help students prepare for important college entrance exams like the PSAT, SAT, and ACT. Within the course, students will focus upon improving skills specific to the reading and writing portions of these exams. Students in this course will learn test-taking strategies, practice with sample questions, and work on time management skills. Students will also focus upon activities designed to build vocabulary and critical thinking skills. By the end of the course, students are expected to feel more confident and prepared to tackle these exams when the time comes.

4100 - INTRODUCTION TO AMERICAN SIGN LANGUAGE

2.5 Credits | Level 2

This course introduces students to the language and culture of Deaf people in the United States. The focus will be on both expressive and receptive skills in American Sign Language (ASL) through basic grammar, vocabulary, fingerspelling, numbers, and an introduction to American Deaf culture.

4068 - CREATIVE WRITING

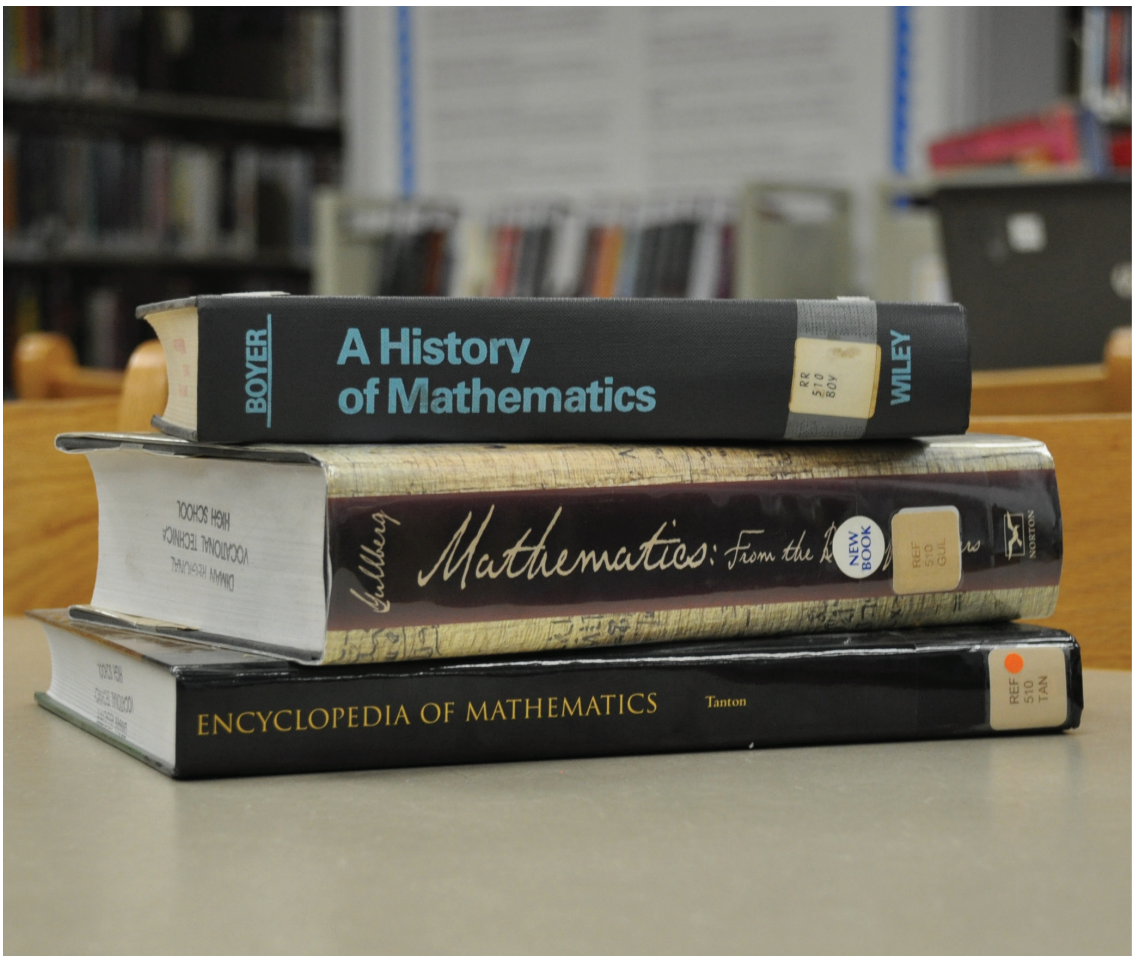
2.5 Credits | Level 2

This course is an elective designed for students to create original forms of descriptive writing, poetry, drama and fiction through the use of vocabulary development and creative writing techniques. The purpose of this course is to allow students to fully grasp literature and creative writing's deep relevance to the life of the individual, promote creativity and community outreach at the writing-specific and interdisciplinary levels, equip members with useful and current skills in communication and expression, and foster the love of the written word. Through lecture, discussion, assigned reading, writing exercises, short story (or novel chapter) writing, and critiques of student writing in a workshop mode, the students will critically examine the elements of literary creation. The students will keep a journal and prepare a portfolio of their work.

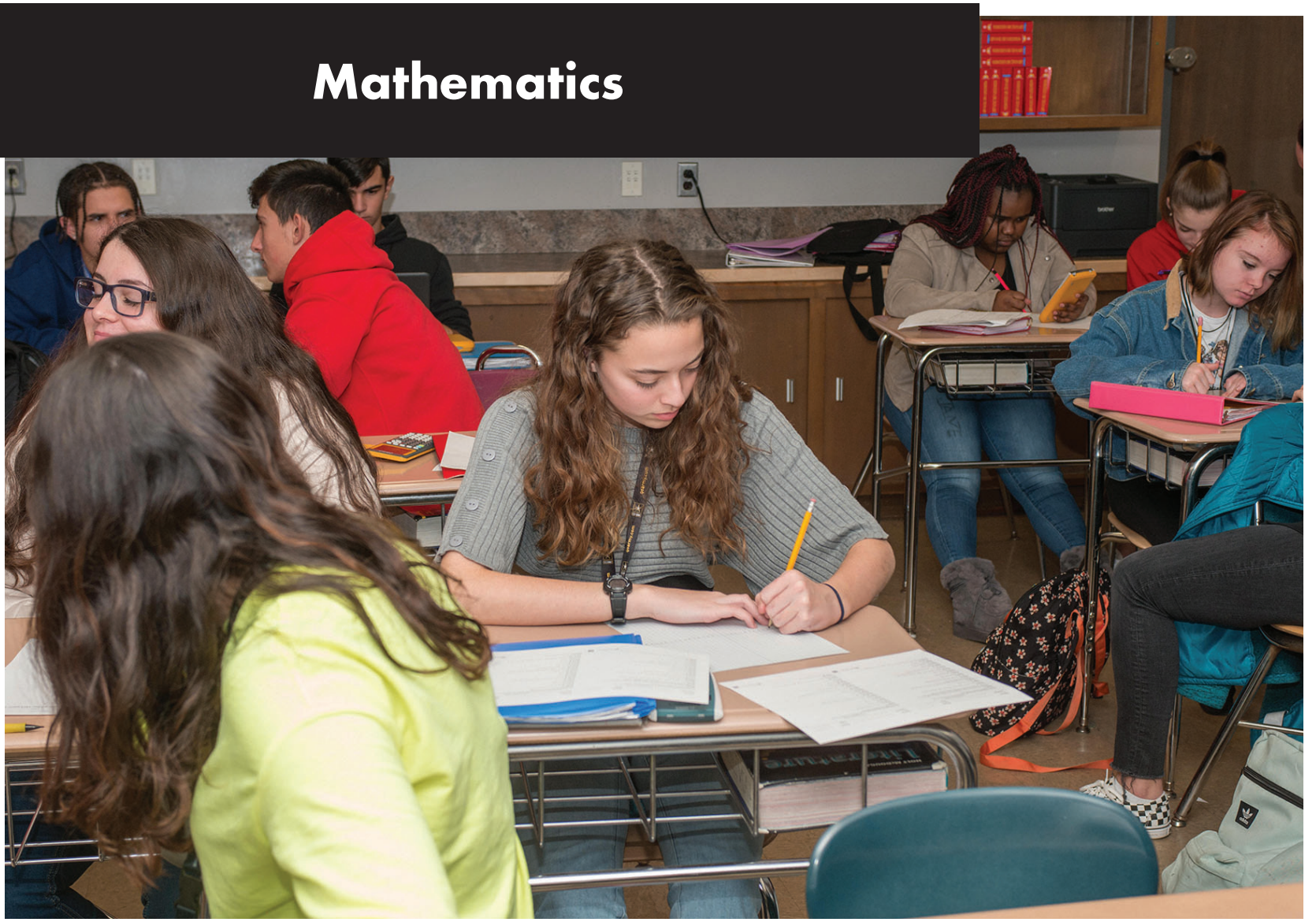
3235 - READING SUPPORT STRATEGIES

2.5 Credits | Level 2

This course is designed to help students improve their reading skills and boost their confidence as readers. Within this course, students will explore a variety of strategies to enhance their reading comprehension, speed, and enjoyment. Students in this course will learn techniques like active reading, making predictions, and summarizing key points. Students will also focus upon vocabulary building, understanding context clues, and identifying main ideas and supporting details. Throughout the course, students will practice these skills with a mix of fiction and non-fiction texts, including some that relate to other subject areas. By the end of this course, students will have a toolbox of strategies to tackle any reading assignment, whether it's for school or for fun.



Mathematics



Mathematics Department

Mathematics Department Course Offerings

Name	Course #	Grade	Level	Credits
Algebra 1	1063	9	2	5
Honors Geometry	1032	9/10	1	5
Geometry	1052	9/10	2	5
Honors Algebra 2	1053	10/11	1	5
Algebra 2	1113	10/11	2	5
Honors Pre-Calculus	1034	11/12	1	5
Advanced Placement Calculus	1600	12	5	5
Advanced Placement Statistics	1500	11/12	5	5
Statistics & Probability	1454	11/12	2	5
Advanced Algebra & Trigonometry	1165	11/12	2	5
Mathematics of Finance	1244	Elective	3	2.5
PSAT/SAT/ACT Prep	1997	Elective	2	2.5

The study of mathematics is an integral component of a variety of academic and vocational disciplines. The mathematics curricula guides were redesigned in 2024 to meet the various needs of Diman Regional Vocational Technical High School students to prepare them for MCAS 2.0, PSAT/SAT, and Accuplacer in accordance with NCTM and Common Core guidelines. Graduates who are continuing their education by enrolling in a two year or four year institution, enlisting in the military, or entering the workforce will be well prepared for the future after completing the comprehensive four year mathematics program.

grade 9

1063 – ALGEBRA 1

5 Credits | Level 2

In this course, students will use algebra to solve one and two variable equations, follow more complex order of operations as well as graphing linear equations using tables and slope intercept methods. Students will also graph inequalities. Students will solve systems of equations using graphing, substitution and elimination. The Power Rule of Exponents will also be introduced. Students will also work with exponents, polynomial expressions both multiplying and factoring, and will be introduced to the Quadratic Formula.

**This course is suited for students who intend to continue their post-secondary education at a two or four year college, post-secondary vocational school, or intend to enter the work force or enlist in the military.*

grade 9

grade 10

1032 – HONORS GEOMETRY

5 Credits | Level 1

This in-depth study of theorems and postulates uses two column proofs and expects students to form conclusions based given information. Topics which are covered at an accelerated rate include pairs of angles, properties of polygons and circles, properties of right triangles, properties of parallel lines, and the proofs of congruent and similar triangles. Students will use formulas to find the area of plane figures, and the surface area and volume of solid figures. Emphasis is placed on logical reasoning and problem solving using algebra where appropriate. Prior subject knowledge is expected. Students must be able to utilize appropriate academic language to express complex mathematical concepts. Successful students will be able to demonstrate mastery on rigorous assessments.

** Prerequisite: Grade of 80 or above in Honors Algebra 1 or Grade of 90 or above in Algebra 1, teacher recommendation, and passing score on placement exam*

***This course is suited for students who intend to continue their post-secondary education at a four year college.*

grade 9

grade 10

1052 – GEOMETRY

5 Credits | Level 2

This course covers two and three dimensional geometric figures and their properties. In addition, students will study pairs of angles, the properties of parallel lines, similar and congruent figures, right triangles, special right triangles and circles. Algebra will be integrated throughout the course.

**Prerequisite: Algebra 1 with compensatory work after teacher recommendation.*

***This course is suited for students who intend to continue their post-secondary education at a two or four year college, post-secondary vocational school, or intend to enter the work force or enlist in the military.*

grade 10

grade 11

1113 – ALGEBRA 2

5 Credits | Level 2

This course continues the study of algebraic concepts with quadratics and polynomials. An in-depth study of quadratic equations will help students identify, solve, and use technology to graph quadratic functions. Students will examine the complex number system. Operations on polynomials will be performed and higher-order equations will be solved with both real and complex roots. An in-depth study of radicals will allow students to simplify and rationalize higher-order roots and rational exponents as well as solve rational equations. Exponential functions and their applications will also be considered.

**Prerequisite: Geometry with compensatory work after teacher recommendation.*

***This course is suited for students who intend to continue their post-secondary education at a two or four year college, post-secondary vocational school, or intend to enter the work force or enlist in the military.*

grade 10
grade 11

1053 – HONORS ALGEBRA 2

5 Credits | Level 1

This accelerated paced course will feature sophisticated methods of solving linear, quadratic, and higher-order equations. Matrices will be used to solve for three or more unknowns in a system of equations with a focus on applications of simultaneous equations. Students will be able to simplify, classify, and solve equations with higher-order polynomials and will apply the Fundamental Theorem of Algebra to find real and complex solutions. An in-depth study of radicals will allow students to simplify and rationalize higher-order roots and rational exponents. Students will use combinatorics to simulate real-life situations. Students will be able to work with rational expressions and equations and find and describe points of discontinuity on their related graphs. Sequences and series will be evaluated as well as standard deviations. When time allows, the mathematics of finance is considered. Emphasis is placed on analysis of applications throughout the course.

** Prerequisite: Grade of 80 or above in Honors Geometry or Grade of 90 or above in Geometry, teacher recommendation, and passing score on placement exam*

***This course is suited for students who intend to continue their post-secondary education at a four year college.*

grade 11
grade 12

1034 – HONORS PRE-CALCULUS

5 Credits | Level 1

This upper level course will begin with the use, as well as manipulation of exponential and logarithmic functions – both common and natural. It continues with angle measurements in radians, revolutions, and degrees. Students will also study right triangle trigonometry with applications of the six trigonometric functions and their graphical representations. Additionally, students will apply the basic trig. Identities, Laws of Sines, and Laws of Cosines. Applications to conic sections will be investigated, time permitting. Extensive use of the graphing calculator is required throughout the course.

** Prerequisite: Grade of 80 or above in Honors Algebra 2 or Grade of 80 or above in Algebra 2, teacher recommendation, and passing score on placement exam*

***This course is suited for students who intend to continue their post-secondary education at a four year college.*

grade 11
grade 12

1165 – ADVANCED ALGEBRA & TRIGONOMETRY

5 Credits | Level 2

This course begins with students exploring how to simplify, add, subtract, multiply & divide rational functions and solve rational equations. Students will explore various mathematical patterns, arithmetic and geometric sequences and series. Students will also study right triangle trigonometry, define general angles, and use radian measure. Extensive use of the graphing calculator is required throughout the course.

** Prerequisite: Algebra 2 or Honors Algebra 2 with teacher recommendation.*

***This course is suited for students who intend to continue their post-secondary education at a two or four year college, post-secondary vocational school or intend to enter the work force or enlist in the military.*

****Juniors enrolled in Advanced Algebra and Trigonometry should continue with a statistics course in their senior year unless otherwise recommended by their teacher.*

grade 11
grade 12

1454 – STATISTICS & PROBABILITY

5 Credits

Students will learn how to analyze and interpret data as well as justify their conclusions. Topics include: displaying categorical and quantitative data appropriately, distribution analysis, determining correlation between two variables, making predictions, collecting data and the basics of probability. Students will use technology to aide in all computations and focus on what the numbers mean in the context of the problem.

**Prerequisite: Algebra 2 or Topics of Algebra 2 with teacher recommendation.*

***This course is suited for college-bound seniors.*

grade 11
grade 12

1500 – ADVANCED PLACEMENT STATISTICS

5 Credits | Level 5

The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

**Weighted course towards GPA*

***This course is suited for college-bound seniors.*

****All students enrolled in AP classes will sit for the national AP Exam in May or take a final exam.*

grade 12

16000- ADVANCED PLACEMENT CALCULUS

5 Credits | Level 5

AP Calculus AB and AP Calculus BC focus on students' understanding of calculus concepts and provide experience with methods and applications. Through the use of big ideas of calculus (e.g., modeling change, approximation and limits, and analysis of functions), each course becomes a cohesive whole, rather than a collection of unrelated topics. Both courses require students to use definitions and theorems to build arguments and justify conclusions.

The courses feature a multi-representational approach to calculus, with concepts, results, and problems expressed graphically, numerically, analytically, and verbally. Exploring connections among these representations builds understanding of how calculus applies limits to develop important ideas, definitions, formulas, and theorems. A sustained emphasis on clear communication of methods, reasoning, justifications, and conclusions is essential.

**Weighted course towards GPA*

***This course is suited for college-bound seniors and may require a mandatory summer assignment.*

****All students enrolled in AP classes will sit for the national AP Exam in May or take a final exam.*

*****Prerequisite: Grade of 80 or above in Honors Pre-calculus*

Mathmatics Electives

1997 - PSAT/SAT/ACT PREP- MATH

2.5 Credits | Level 2

This course is designed to help students prepare for important college entrance exams like the PSAT, SAT, and ACT. Within the course, students will focus upon improving skills specific to the math portion of these exams. Students in this course will learn test-taking strategies, practice with sample questions, and work on time management skills. Students will also focus upon activities designed to build mathematics and critical thinking skills. By the end of the course, students are expected to feel more confident and prepared to tackle these exams when the time comes.

1244 – MATHEMATICS OF FINANCE

2.5 Credits | Level 3

This course is designed for career bound seniors. Students will be introduced to the mathematical skills and concepts needed to be successful in their personal finances and in their business. Topics such as payroll & salary, managing personal income, insurance, banking services, credit, and budgeting will be explored in depth.

**Prerequisite: Topics of Algebra 2 or Algebra 2 with teacher recommendation.*

***This course is suited for college-bound seniors.*


MAGILL
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THE GREAT SCIENTISTS
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GRE
V.1
U·X·L
Science, Technology, and Society
The Impact of Science in the 20th Century
VOLUME 1
Life Science
REF
509.04
SCI
NEW BOOK
U·X·L
experiment CENTRAL
volume 4
So - Z
VOLUME 1
R-F
SCIENTISTS:
The Lives and Works of 150 Scientists
THE HISTORY OF SCIENCE AND TECHNOLOGY
BRYAN BUNCH

Science


NOT
AN
EXIT

Science Department

SCIENCE DEPARTMENT COURSE OFFERINGS

Name	Course #	Grade	Level	Credits
Honors Biology I	2004	9	1	5
Biology	2003	9	2	5
Advanced Placement Biology	2136	10-12	5	5
Physics	2035	10	2	5
Honors Physics	2036	10	1	5
Chemistry	2037	11/12	2	5
Honors Chemistry	2038	11/12	1	5
Current Events in Science	2354	Elective	2	2.5
Anatomy & Physiology	2303	Elective	2	5
Topics in Biology/Forensics	2224	Elective	2	2.5
Marine Biology	2063	Elective	2	2.5
Enviromental Science	2073	Elective	2	2.5

The Diman science curriculum is aligned to the Massachusetts Science, Technology, Engineering, and Math (STEM) frameworks. Students are enrolled in either biology in their freshman year, and then physics and chemistry in subsequent years. Science students at Diman learn problem solving skills and gain hands-on experience through lectures, demonstrations, and laboratory experiments that help prepare them for their vocational shops, post-secondary education, and their future careers.

grade 9

2203 – BIOLOGY

5 Credits | Level 2

This course is aligned with the Massachusetts State Frameworks and includes an overview of ecology, the chemistry of life, cell structure and function, photosynthesis, cellular respiration, and genetics. This course is designed for students who must take the MCAS Biology Test at the end of their freshmen year. The curriculum includes activities, labs, and projects to enhance the learning of the student.

grade 9

2004 – HONORS BIOLOGY

5 Credits | Level 1

This course is an accelerated biology course that is aligned with the Massachusetts State Frameworks in order to include an overview of ecology, the chemistry of life, cell structure and function, photosynthesis, cellular respiration, genetics, evolution and biodiversity, classifications of organisms, environmental effects on organisms, populations, introduction to body structure, and an in-depth study of the eight organ systems. The curriculum includes activities, labs, and projects to enhance the learning of the student. Placement is based on the Diman honors criteria. All students in this course will sit for the MCAS in Biology during their freshman year.

grade 10
grade 11
grade 12

2136 - ADVANCED PLACEMENT BIOLOGY

5 Credits | Level 5

Advanced Placement (AP) Biology is designed to offer students a solid foundation in college level introductory biology and to prepare students for the Biology College Board AP Exam. This year-long course gives students the opportunity to earn AP credit as well as provide the factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Instructional time is primarily devoted to practice, discussions, and hands-on laboratory work. This is a college level course which covers a substantial amount of material. Students will be expected to complete many reading assignments outside of class and actively apply understanding and analytical skills to classroom discussions and laboratory investigations.

**Prerequisite: Honors Biology (or teacher approval) and 10-15 hour/week home study commitment with online access.*

***Weighted course towards GPA*

****All students enrolled in AP classes will sit for the national AP Exam in May or take a final exam.*

grade 10

2035 - PHYSICS

5 Credits | Level 2

This full year course is aligned with the Massachusetts State Frameworks. It includes the study of electricity, magnetism, electromotive forces, parallel and series circuit design, Ohms law, Kirchhoff's law, waves, electromagnetic waves (light), and optics. The curriculum includes demonstrations, activities, and labs to enhance the learning of students.

grade 10

2036 - HONORS PHYSICS

5 Credits | Level 1

This full year course is aligned with the Massachusetts State Frameworks and is designed with the highly motivated and independent student in mind. It includes the study of electricity, magnetism, electromotive forces, parallel and series circuit design, Ohms law, Kirchhoff's law, waves, electromagnetic waves (light), and optics. The curriculum includes demonstrations, activities, and labs to enhance the learning of students. Placement is based on the Diman's honors criteria.

**Prerequisite: A passing score on the honors placement exam or successful completion of Honors Biology.*

grade 11
grade 12

2037 - CHEMISTRY

5 Credits | Level 2

This course is the study of matter. The content of this course includes modern atomic theory, how chemicals combine, formulas and equations, quantum theory, electron arrangement, chemical and physical properties, and states of matter.

grade 11
grade 12

2038 - HONORS CHEMISTRY

5 Credits | Level 1

This full year course is the study of matter. The content of this course was designed with the highly motivated and independent science student in mind. To begin the study of chemistry, this course includes study of modern atomic theory, how chemicals combine, formulas and equations, quantum theory, electron arrangement, chemical and physical properties, and states of matter. Students in this course are expected to work at a rigorous pace and in an independent manner.

*Prerequisite: Grade of 80 or above in honors sophomore level science course or Grade of 90 or above in sophomore level science course, teacher recommendation, and passing score on placement exam

Science Electives

2354 - CURRENT EVENTS IN SCIENCE

2.5 Credits | Level 2

This elective course meets every other day during the academic cycle. The course provides students with an increased knowledge of their environment and the vital science–based issues of the day. Students will be urged to develop opinions and rationale for events occurring around them and to foster a sense of environmental responsibility to their local community, the nation, and the world.

2224 - TOPICS IN BIOLOGY/ FORENSICS

2.5 Credits | Level 2

This elective course gives the student instruction in forensic science. Many topics will be covered including crime scene processing, the court system, trace evidence, and what occurs to the body after death. Students will be certified to serve in Fall River Youth Court and be required to perform at least four hours of community service at the Youth Court.

2303 - ANATOMY & PHYSIOLOGY

5 Credits | Level 2

This elective course includes a study of structures, functions, and dysfunctions of major systems of the body. Topics include an introduction to structural units, tissues and membranes, the skeletal system, the integumentary system, and nutrition. Career opportunities in medicine-related fields are examined.

2063 - MARINE BIOLOGY

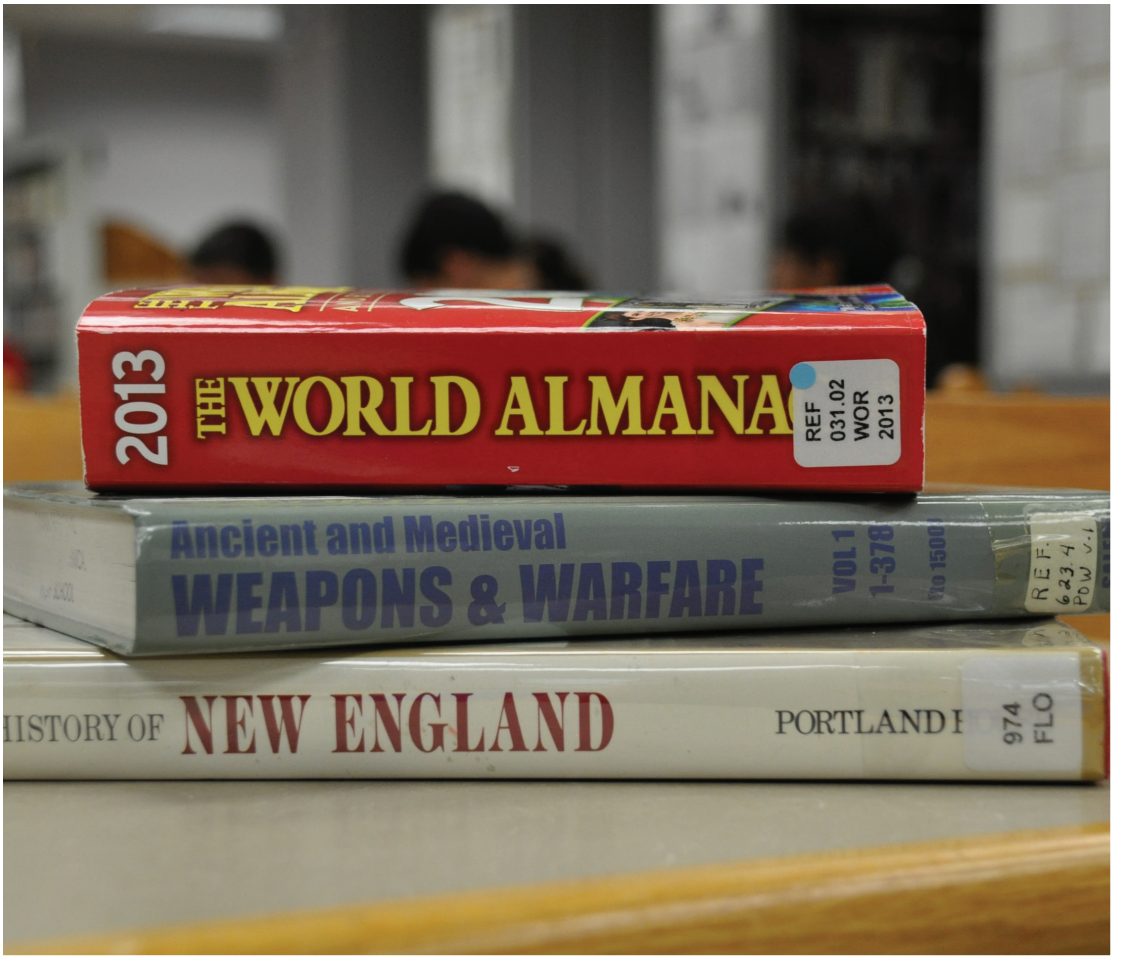
2.5 Credits | Level 2

This elective course is for upperclassmen and meets every day. The course covers the basic principles of marine science, evolution, marine organisms, the different marine ecosystems and their interactions. Topics will include the basic principles of marine science, different marine ecosystems, pollution, echinoderms, cnidarians, algae, fish, worms, and marine mammals.

2073 - Environmental Science

2.5 Credits | Level 2

This elective course is designed to explore and investigate the interrelationships of the natural world and analyze environmental problems, both natural and human-made. You'll take part in laboratory investigations and field work. Course content includes the following topics: ecosystems, biodiversity, populations, earth systems and resources, land and water use, energy, resources and consumption, atmospheric pollution, aquatic and terrestrial pollution, global change.



Social Studies

Social Studies Department

Social Studies Department Course Offerings

Name	Course #	Grade	Level	Credits
U.S. History I	4011	9	2	5
Honors U.S. History I	4111	9	1	5
U.S. History II	4002	10	2	5
Honors U.S. History II	4022	10	1	5
World History	4124	11/12	2	5
Advanced Placement United States Government and Politics	4300	11/12	5	5
AP World History	4234	11/12	5	5
Current Events	4053	Elective	2	2.5
History of Science and Technology	4055	Elective	2	2.5
Topics in Government	4058	Elective	2	2.5
Contemporary U.S. History	4004	Elective	2	2.5
Topics in Personal Finance I	4444	Elective	2	2.5
Topics in Personal Finance II	4445	Elective	2	2.5
Sociology	4064	Elective	2	2.5
Introduction to Psychology	4113	Elective	2	2.5
20th Century History through Music and Culture	4114	Elective	2	2.5
Local History	4066	Elective	2	2.5

The Diman Social Studies Department is a dynamic group of educators and we are excited to share our knowledge and passion with our students. We offer three core classes: United States History I, United States History II, and World History. We also offer several electives for grade eleven and twelve students including Advanced Placement United States Government and Politics, Introduction to Psychology, Introduction to Sociology, Topics of Personal Finance and Global History.

The History and Social Studies curriculum is aligned with the most recent 2018 Massachusetts History and Social Studies Frameworks. The department offerings are designed to provide students with the knowledge, skills and judgment to become responsible citizens of the nation and to have an understanding of world issues. The department takes innovative approaches to teaching events of the past and the foundations of American civic life. Students are prepared to be active participants in our republic.

grade 9

4011 – U.S. HISTORY I

5 Credits | Level 2

This course examines the historical and intellectual origins of the United States during the Revolutionary and Constitutional eras. The basic framework of American democracy and the basic concepts of American government are studied. Students also study America's westward expansion, the establishment of political parties, economic and social change, the growth of sectional conflict, the Civil War and its consequences, and finally, Reconstruction.

grade 10

4022 – HONORS U.S. HISTORY II

5 Credits | Level 1

This course examines the political, social, economic and cultural aspects of the United States beginning in the mid-19th century through 1945. Topics to be covered include industrialization, labor organization, urban growth, American imperialism, progressive reforms, World War I, The Great Depression, and World War II. Honors level U. S. History will require students to analyze the important moments in the nation's development. An important goal of this course is to foster the development of the student's ability to think critically and read and write proficiently. Research reports, oral presentations, essays, projects, and primary and secondary source readings will be assigned.

**Prerequisite: Prerequisite: Grade of 80 or above in Honors U.S. History I or Grade of 90 or above in U.S. History I, teacher recommendation, and passing score on placement exam*

***All honors students will be assigned required summer reading.*

****Students who are having difficulty with the honors curriculum are subject to removal. They will be placed into a college prep level class. Students will be identified by November 1st. After November 1st, students may not be able to be moved.*

grade 9

4111 – HONORS US HISTORY I

5 Credits | Level 1

This course examines the historical and intellectual origins of the United States during the Revolutionary and Constitutional eras. The basic framework of American democracy and the basic concepts of American government are studied. Students also study America's westward expansion, the establishment of political parties, economic and social change, the growth of sectional conflict, the Civil War and its consequences, and finally, Reconstruction. Honors level U. S. History will require students to analyze the important moments in the nation's development. An important goal of this course is to foster the development of the student's ability to think critically and read and write proficiently.

** Prerequisite: Passing score on placement exam required for this course. All honors students will be assigned required summer reading.*

***Students who are having difficulty with the honors curriculum are subject to removal. They will be placed into a college prep level class. Students will be identified by November 1st. After November 1st, students may not be able to be moved.*

grade 10

4002 – U.S. HISTORY II

5 Credits | Level 2

Students will examine the political, social, economic, and cultural aspects of the United States beginning in the mid-19th century through 1945. Topics to be covered include industrialization, labor organization, urban growth, American imperialism, progressive reforms, World War I, The Great Depression, and World War II. Social and political trends are also addressed. Students in this course will identify the ways that these important historical themes changed the United States and impacted the development of the nation.
**7602 - A modified curriculum course for students on Individualized Education Programs

grade 11
grade 12

4124 – WORLD HISTORY

5 Credits | Level 2

This course examines the origins and consequences of the Industrial Revolution, political and social reform in 19th century Europe, as well as imperialism in Africa, Asia, and South America. Also studied are the military and economic events of the 19th and 20th centuries, including the rise of nationalism, World War I, the Great Depression, World War II, the Russian and Chinese Revolutions, the Cold War and its aftermath.

grade 11
grade 12

4234 – AP WORLD HISTORY

5 Credits | Level 5

In AP World History: Modern, you'll learn about the rise and fall of empires, the evolution of technology, and the cultural and social changes that have shaped our world. The course isn't just about memorizing dates and battles—it's about exploring civilizations and cultures from a global perspective to better understand the complex relationships that exist today.(AP Central, Collegeboard.org)

**Weighted course towards GPA*

***All students enrolled in AP classes will sit for the national AP Exam in May or take a final exam.*

grade 11
grade 12

4300 – ADVANCED PLACEMENT UNITED STATES GOVERNMENT AND POLITICS

5 Credits | Level 5

AP United States Government and Politics provides a college level, nonpartisan introduction to key political concepts, ideas, institutions, policies, roles and behaviors that characterize the constitutional system and political culture of the United States. Students cultivate their understanding of U.S. government and politics through analysis of data and text-based sources as they explore topics like constitutionalism, liberty and order, civic participation in a representative democracy, competing policy making interests, and methods of political analysis. (AP Central, Collegeboard.org)

**Weighted course towards GPA*

***All students enrolled in AP classes will sit for the national AP Exam in May or take a final exam.*

Social Studies Electives

4053 - CURRENT EVENTS

2.5 Credits | Level 2

This course provides students with an increased knowledge of their environment and the vital issues of the day. Values of citizenship and civic concern are stressed. Students also develop a geographic knowledge of the areas under discussion. Students will be urged to develop opinions and rationale for the events occurring around them and to foster a sense of civic responsibility to their local community, the nation, and the world.

4058 - TOPICS IN GOVERNMENT

2.5 Credits | Level 2

Topics in Government is an elective course for Juniors and Seniors. This course will focus on the form and function of The United States government. The course will explore the powers of the three branches of government, electoral processes and Constitutional checks and balances. The course will also examine the Bill of Rights, other key amendments and important Supreme Court cases that relate to these. The course will also focus on current events, election cycles, and popular political movements, both in the United States and abroad.

4055 - HISTORY OF SCIENCE AND TECHNOLOGY

2.5 Credits | Level 2

This course examines the history of scientific and technological development and their role in culture and society. From the earliest scientific ideas to be found in Mesopotamia, the Indus Valley, and Ancient China, to Greek Science, the Middle Ages, the Renaissance, and the Modern Era, the course examines the progress of scientific thought. The course addresses issues such as societal attitudes toward science and how culture plays a role scientific and technological development. A philosophical analysis of the advances, functions, and implications of science is used to study how scientific and technological advancements have changed over time and how these changes have impacted our world.

4004 – CONTEMPORARY U.S. HISTORY

2.5 Credits | Level 2

This course examines the political, social, economic, and cultural aspects of the United States from the end of World War II to the present. Topics to be covered include America's role in the Cold War, the Civil Rights Movement of the 1950's and 1960's, The Korean War, The Vietnam War, and key people, places, and events in the 1970's and 1980's. The course will primarily focus on key people, places, and events in the United States since the conclusion of World War II and how they have shaped present day America.

4064 – SOCIOLOGY

2.5 Credits | Level 2

This course provides students with knowledge of the function of the basic units of society and the institutions which aid these units. Students in this course study the concepts, principles, theories, and methods used by sociologists in the examination of social life. The utilities of sociological inquiry are applied to contemporary social issues and events to make sociology meaningful for the student.

4113 – INTRODUCTION TO PSYCHOLOGY

2.5 Credits | Level 2

This course is designed to help students develop an insight into their own psychological processes and those of others. Members of this course will be provided with an introduction to the content and scope of psychology as a behavioral science and will study of such topics as development, adjustment, learning, intelligence, motivation, emotion, and personality.

4066 - LOCAL HISTORY

2.5 Credits | Level 2

This course explores the history of the settlement, native population, conflict, and industrial and cultural growth of the Greater Fall River Area. It will focus upon the contributions of key individuals to local industry and history.

4444 – TOPICS IN PERSONAL FINANCE I

2.5 Credits | Level 2

Students will develop an understanding of the important financial responsibilities of individuals in a global economy. Personal banking, mortgages, credit, loans, savings, stocks and bonds, and more will be introduced. Major economic principles and theories will be presented. Students will explore the relationship between individual citizens, capitalist principles, and government involvement in the financial markets. Emphasis will be placed on having young adults make sound and responsible financial decisions.

4445 – TOPICS IN PERSONAL FINANCE II

2.5 Credits | Level 2

Topics in Personal Finance II is offered at Diman Regional Vocational Technical School High School as a social studies elective course for juniors and seniors. This class is an extension of Personal Finance I, introducing new financial literacy based topics such as marketing, consumer law, and leisure planning while also building off of topics in Finance I like banking, investment opportunities, and retirement planning.

4114 - 20TH CENTURY HISTORY THROUGH MUSIC AND CULTURE

2.5 Credits | Level 2

A study of the political, social, economic, and cultural history of the United States in the 20th century through the lens of music and culture. Emphasis will be placed on how musical trends have been impacted by reform, war, social injustice and prosperity in the post-WWII era.

Physical Education and Health

Physical Education and Health Department

Physical Education and Health Department Course Offerings

Name	Course #	Grade	Level	Credits
Physical Education and Health 9	5058	9	2	2.5
Physical Education and Health 10	5059	10	2	2.5
Physical Education 11/12	5053	11/12	2	2.5
Physical Education 11/12	5054	11/12	2	2.5

Physical Education and Health, as instructional programs, provide a learning environment to develop and improve a student's physical, emotional, and social abilities, leading to good health, well-being, and fitness. Students are provided with information designed to assist in decision-making concerning a wide range of adolescent health issues. The state of Massachusetts requires students to take physical education every year. Students will be placed in grade level courses.

grade 9

5058 - PHYSICAL EDUCATION AND HEALTH 9

2.5 Credits

This course provides freshmen a program of physical education activities designed to promote fitness as well as social and emotional well-being. When moving into the health curriculum, this course provides freshmen with an introduction to health and wellness issues relating to teens and adults. Topics of interest are nutrition, reproduction, personal safety, suicide prevention, vaping prevention, healthy relationships, and healthy decision making.

grade 11

5053 - PHYSICAL EDUCATION GRADE 11/12

2.5 Credits

This course provides juniors a review of activities in Physical Education 9 & 10 with emphasis on individual fitness and a focus on lifelong fitness activities. Students will be required to keep a personal journal of their health and wellness activities and future goals.

grade 10

5059- PHYSICAL EDUCATION AND HEALTH 10

2.5 Credits

This course provides sophomores a program of physical education activities designed to promote fitness, as well as social and emotional well-being. When moving into the health curriculum, this course provides sophomores with a continuation of Health and Wellness issues relating to teens and adults. Topics of interest include social emotional well-being, opiates and drugs, vaping and juuling.

grade 12

5054 - PHYSICAL EDUCATION GRADE 11/12

2.5 Credits

This course provides seniors a review of activities in Physical Education 9, 10 & 11 with emphasis on individual fitness and a focus on lifelong fitness activities. Students will be required to keep a personal journal of their health and wellness activities and future goals.

Alternative Electives

Alternative Electives

Alternate Elective Course Offerings

Name	Course #	Grade	Level	Credits
Spanish 1	4213	9-12	2	2.5
Spanish 2	4214	9-12	2	2.5
Portuguese 2	4314	9-12	2	2.5
Career Readiness	5031	9	2	2.5
Career Readiness 2	5052	11	2	2.5

4213 – SPANISH 1

2.5 Credits | Level 2

This course introduces students to the Spanish language. Students learn vocabulary and concepts of basic grammar, allowing them to communicate information about themselves and others using simple sentences, both orally and in writing. The practice of all four language skills- listening, speaking, reading, and writing- helps students solidify their acquisition of the Spanish language. In addition, students become familiar with cultures of different Spanish speaking countries through a variety of multimedia resources. Active participation in class activities and completion of daily homework assignments are required.

4314 – PORTUGUESE 2

2.5 Credits | Level 2

At this level, the student will continue with the communicative approach of the level one course. The four language skills will be further refined with more emphasis on accuracy of expression. This progression will act as a catalyst that will produce more authentic language situations. There will be a wide variety of assessments used at this level involving both individual research and group activities. The primary objective is the preparation for reading, both for comprehension and for cultural appreciation. New grammatical principles are introduced, and common patterns of sound, order and structure already learned are studied in greater depth. In addition, the student will be expected to communicate clearly and effectively in stage one of language proficiency set forth by the Massachusetts Foreign Language Frameworks. Oral activities are regularly used for practice of intonation, phrasing, and manner of expression. A grade of C- or higher in Level I of the language is recommended.

4214 – SPANISH 2

2.5 Credits | Level 2

At this level, the student will continue with the communicative approach of the level one course. The four language skills will be further refined with more emphasis on communication. This progression will act as a catalyst that will produce more authentic language situations. New grammatical principles are introduced, and common patterns of sound, order, and structure already learned are studied in greater depth. Vocabulary and grammar is introduced in thematic units that are centered on interdisciplinary and cultural themes. Oral activities are regularly used for practice of intonation, phrasing, and manner of expression. Students at this beginner level will continue to communicate clearly and effectively in stage one of language proficiency set forth by the Massachusetts Foreign Language Curriculum Frameworks.

5031 – CAREER READINESS

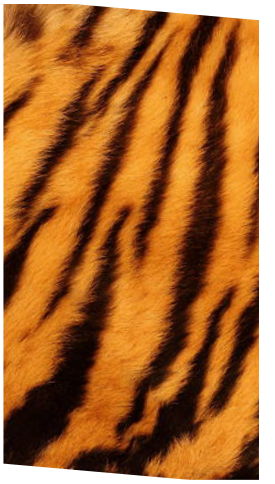
2.5 Credits | Level 2

This course prepares students to work collaboratively while developing the necessary skills to participate in Diman's Cooperative Education program and enhance their future career opportunities. Students will gain practical insights into workplace expectations and develop their business communication skills including creating effective resumes and cover letters, while developing effective interviewing skills. Students will also be introduced to personal financial literacy topics, business ethics, and business law practices.

5036 – CAREER READINESS 2

2.5 Credits | Level 2

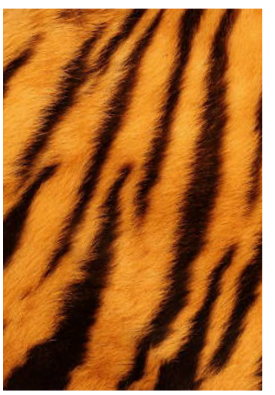
This course will equip high school students with the knowledge and skills to launch a business and understand critical business readiness concepts. The course will focus on different aspects of entrepreneurship and career preparation. Students will engage in hands-on projects and interactive discussions to comprehensively understand business operations and professional development.

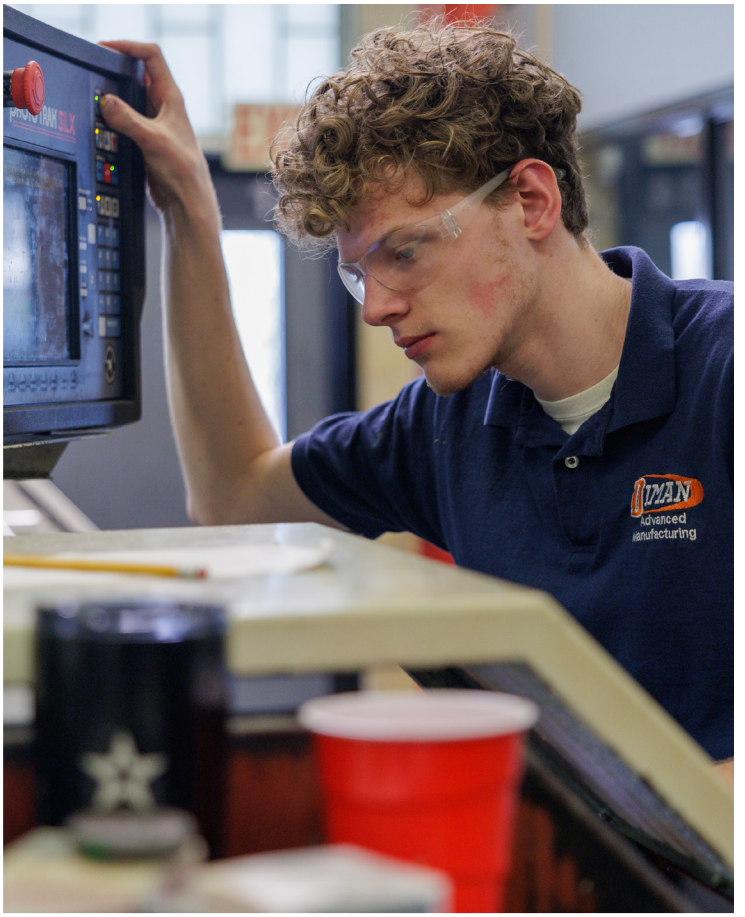


Vocational Programs

Exploratory Program

All incoming freshmen at Diman participate in an Exploratory program. They will have the opportunity to experience approximately ten programs, some selected by the student and some assigned by the school. After every cycle completed, the program instructor will evaluate students in the following areas: quality of work, effort, potential, conduct/aptitude, and amount of work completed. After the Exploratory program has ended, the student will be asked to select a program that he/she wishes to be placed in permanently. Final program placement is based upon the performance of the student, the recommendation of the shop instructor, and the desire of the student to enter the selected program.





Advanced Manufacturing
(Formerly known as Machine Shop)

MACHINE TOOL

The Advanced Manufacturing Program allows students to experience the latest technology in the precision machining industry. Advanced Manufacturing students receive training through hands-on experience in a multi-million dollar lab that replicates conditions seen in our industry. Machined parts are produced through the programming, set-up, and operation of Computerized Numerical Control (CNC) machines. Utilizing the latest CNC technology and CAD/CAM software, students will progress from basic through advanced technology; from 2 & 3-axis machines into 5-axis machining, Swiss-type CNC, and electrical discharge (EDM) machines. Students also learn to read, create, and interpret engineering drawings, and employ basic inspection methods.

Through numerous well-paying co-op opportunities, students can gain real-world experience in one of our more than 50 co-op partners around the area.

Graduates can gain employment as manufacturing technicians, inspectors, machinists, tool and die makers, and CNC programmers. For those students wishing to pursue higher education, opportunities include mechanical engineering, manufacturing engineering, production engineering, vocational teaching opportunities, and much more.

SKILL AREAS

- Language of Measurement & Quality Control
- Hand Tools & Processes
- Horizontal & Vertical Band Saws
- Introduction & Operation of Lathes
- Read and interpret engineer drawings
- G&M Code Programming
- CAD-CAM Programming
- Inspection processes:
  - Coordinate Measuring Machine, Optical comparator, and Hand inspection tools
- CNC Lathes:
  - 2-axis, 4-axis mill/turn, 7-axis Swiss-type CNC
- CNC Milling:
  - 2 axis, 3 axis
  - 3 axis surfacing, 5 axis
- Electrical Discharge Machining: Wire & Sinker
- Surface Plate & layout work
- Abrasive and polishing machines
- Surface Grinder

CAREER OPTIONS

Students graduating from Diman have a variety of career opportunities open to them. Below is a partial list of career opportunities Diman graduates from this program are qualified for, depending on their level of education/experience.

Diman Diploma:

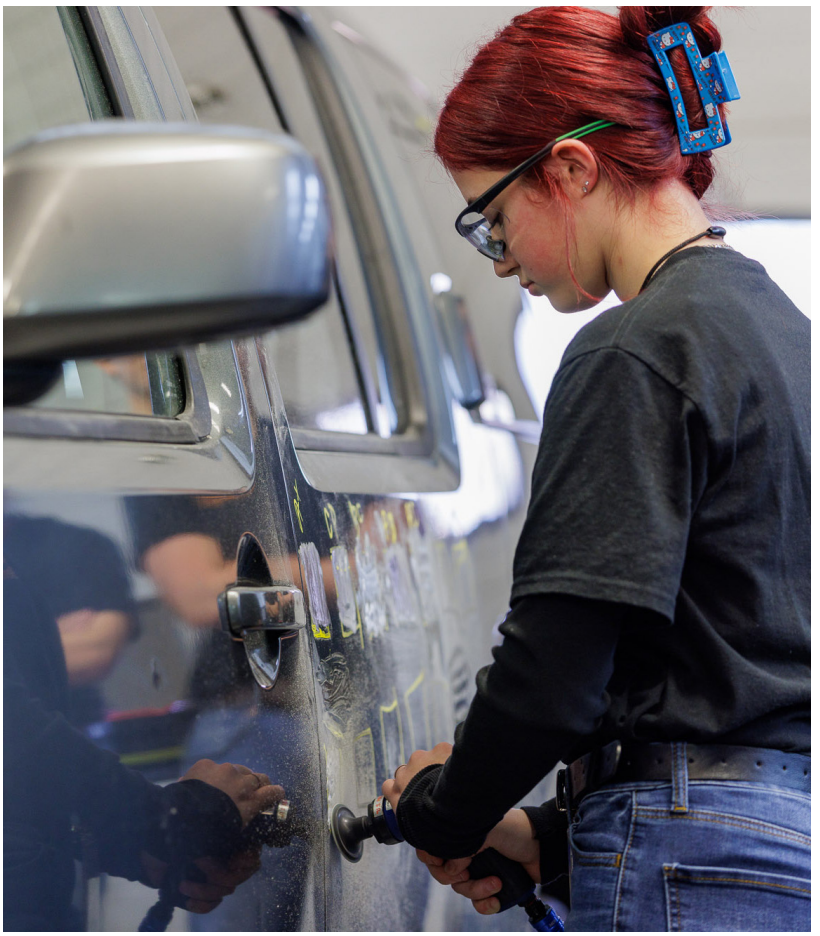
- Entry level machinist
- Production worker
- CNC operator
- CNC set-up person
- CNC programmer
- Quality control technician
- Apprentice tool maker
- Maintenance machinist

2 Year College:

- Tool and die machinist
- High School instructor
- Quality control engineer
- Foreman

4 Year College:

- Mechanical engineer
- Metallurgist technician
- College instructor
- Production Engineer



Automotive Collision, Repair, and Refinishing

AUTOMOTIVE COLLISION, REPAIR, AND REFINISHING

The Automotive Collision Repair and Finishing Program provides students with excellent opportunities to explore and experience numerous aspects of the Auto Body trade. These include developing entry-level skills in surface preparation and minor dent repair. Students are also exposed to more complex operations in refinishing, frame straightening and welding. Students are monitored and closely supervised by highly qualified instructors that work to maximize their potential. Today's technology is replicated in two modern preparation stations, as well as a state-of-the-art downdraft spray booth and a straightening machine.

SKILL AREAS

- Safety Practice for Surface Preparation
- Surface Preparation
- Sanding Methods: Wet, Dry, and Power
- Masking
- Safety Practices for Spraying, Handling/and Disposal of Sprayable Material
- Spraying Techniques
- Priming
- Spray Painting
- Spray Gun Maintenance
- Repair Minor Damage
- Repair Rusted Out Panel
- Electrical and Electronic Systems Repair
- Fiberglass Repair
- Welding Safety
- Welding Operation
- Oxygen/Acetylene Welding (o/A)
- MIG Welding
- Plastic Welding
- Glass Operation
- Major Panel Adjustments
- Repair Major Damage
- Frame Repair
- Estimating

Career Options

Students graduating from Diman have a variety of job options open to them. Below is a partial list of jobs Diman grads from this program are qualified for, depending on their level of education.

Diman Diploma:

- Apprentice collision repair worker
- Auto glass installer
- Auto restoration worker
- Industrial painter
- Detailing shop worker
- Sales representative for paint or supply company

2 Year College:

- Advance collision repair worker
- Insurance appraiser
- Insurance adjuster
- Auto and truck dealership
- Collision repair shop owner

4 Year College:

- Insurance appraiser
- Insurance adjuster
- Auto/truck dealership management
- Vocational technical instructor

Automotive Technology

AUTOMOTIVE TECHNOLOGY

The Automotive Technology Program is designed to prepare students for employment opportunities in the automotive industry. Upon completion of this program, students are knowledgeable in all entry-level skills necessary to repair vehicles in any modern auto repair facility.

A selection of the many skills learned includes, but is not limited to: engine repair and performance, electrical systems, heating, air conditioning, brakes, suspension, and the transaxle. Students are instructed on state emissions requirements and testing of today's complex automobiles with state-of-the-art dynamometer and electronic equipment.

Graduates of this program are prepared to secure employment in a wide variety of occupations in the automotive industry.

SKILL AREAS

- Automotive Trade Orientation
- Servicing Lube Points/Filter Levels
- Servicing Tires
- Inspecting/Repairing Exhaust System
- Maintaining/Servicing the Cooling System
- Maintaining Engine Electrical System
- Servicing Brake System
- Servicing Steering/Front Suspension
- Servicing Engine Fuel System
- Servicing Options/Accessories
- Maintaining/Repairing Engines
- Maintaining/Servicing Manual Transmission/Clutch Components
- Maintaining/Servicing Automatic Transmission System
- Maintaining/Servicing Differential
- Driveline
- Servicing the Electronics System
- Servicing Automotive Electrical System
- Servicing Heating/Air Conditioning System
- Theory, operation and construction of Electric and Hybrid Vehicles

Career Options

Students graduating from Diman have a variety of job options open to them. Below is a partial list of jobs Diman grads from this program are qualified for, depending on their level of education.

Diman Diploma:

- Entry level auto service technician
- Service writer
- Parts department
- Dealership employment
- Technical salesperson

2 Year College:

- Automotive design engineering
- Diesel engineering technician
- Service manager
- Research and development technician
- *Engine Performance Specialist*
- *Engineering technician*
- *Research and development technician*

4 Year College:

- Automotive design engineer
- College instructor
- Manufacturing engineer
- Research and development engineer

Facilities Maintenance Management

Facilities Maintenance Management

Facilities Maintenance Management is an interdisciplinary program devoted to the maintenance and care of residential and commercial buildings. The demand for individuals with a diversified vocational knowledge is extremely strong due to the ever-changing environment of our regional employment market.

The skills that Facilities Maintenance Management students gain create many pathways that can lead toward a bright and rewarding future.

Students learn to maintain and service buildings and infrastructure, while also ensuring safe work environments. Students understand routine building maintenance procedures, along with understanding the aspects of making continuous improvements to enhance facilities.

SKILL AREAS

- OSHA 10-hour safety
- Blue print reading
- Carpentry and woodworking
- Ceramic tiling
- Chief architect design software
- CNC machine operations
- Energy / green technologies
- HVAC maintenance
- Hazardous material
- Landscaping / groundskeeping
- Machine Process
- Vinyl lettering
- Wood / vinyl siding
- Machine processes
- Masonry
- Metal fabrication
- Oxy-fuel cutting
- Plasma cutting
- Scaffolding
- Sheetrock and drywall
- Sign making
- Small engine repair and maintenance
- Spray finishing
- Painting
- Plumbing procedures
- Welding processes
- Vinyl Lettering

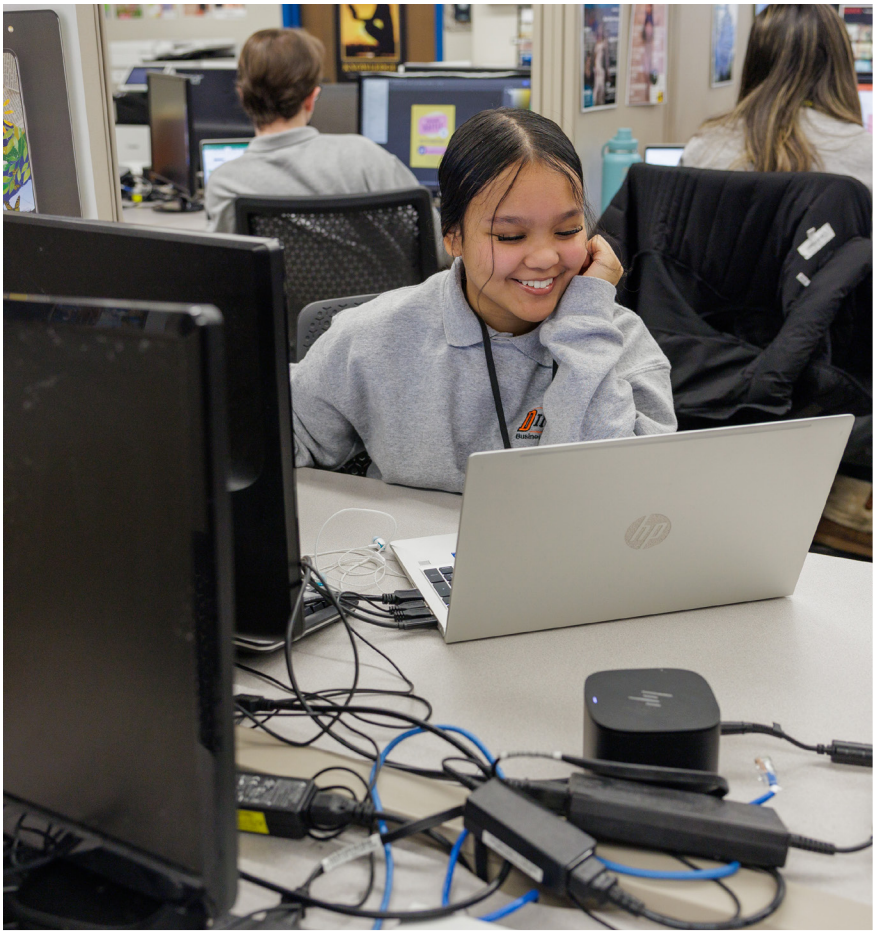
Career Options

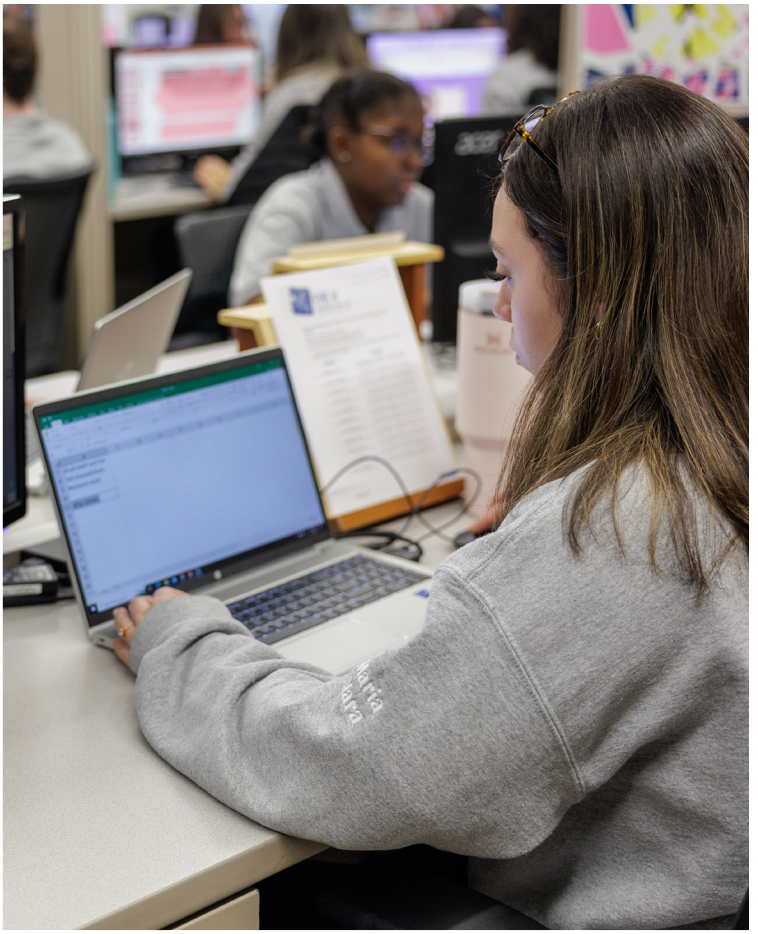
Students graduating from Diman have a variety of job options available to them. Below is a partial list of jobs Diman graduates from this program are qualified for, depending on their level of education.

Diman Diploma:
- Building Maintance
- Carpenter Apprentice
- Groundskeeper/Landscape Worker
- Mason Apprentice
- Mechanical Maintenance
- Painter Apprentice
- Sheetrock/Plasterer
- Small Engine Repair

2 Year College:
- Facilities manager
- Maintenance Supervisor
- Construction supervisor
- Designer
- Construction Estimator

4 Year College:
- Architect
- Building Superintendent
- Civil Engineer
- Construction Superintendent
- Plant Engineer
- Project Manager





Business Technology

BUSINESS TECHNOLOGY

The Business Technology program prepares students for a wide range of business careers. In a simulated office setting utilizing state-of-the-art equipment, students become acquainted with the skills, abilities, and attitudes needed for a successful job performance in the technical business profession. Students explore a wide range of skills including keyboarding, computer applications using word processing, spreadsheets, database and presentations packages, internet exploration, records management, accounting, consumer education, business mathamatics, operation of office machines, and general office procedures.

Students who complete this program will be highly prepared for employment in today's computerized and technical office. Senior students complete a portfolio project and are encouraged to participate in th Co-op Program, which provides career oppurtunities. With further training in this field, additional opportunities for career advancement increase.

SKILL AREAS

- Microsoft Office (Word, Access, Excel, PowerPoint, and Outlook)
- Quickbooks
- Photoshop
- Accounting
- Marketing
- Finance
- Entrepreneurship
- Advertising
- Records management
- Keyboarding
- Office procedures
- Professional development

Career Options

Students graduating from Diman have a variety of job options available to them. Below is a partial list of jobs Diman graduates from this program are qualified for, depending on their level of education.

Diman Diploma:

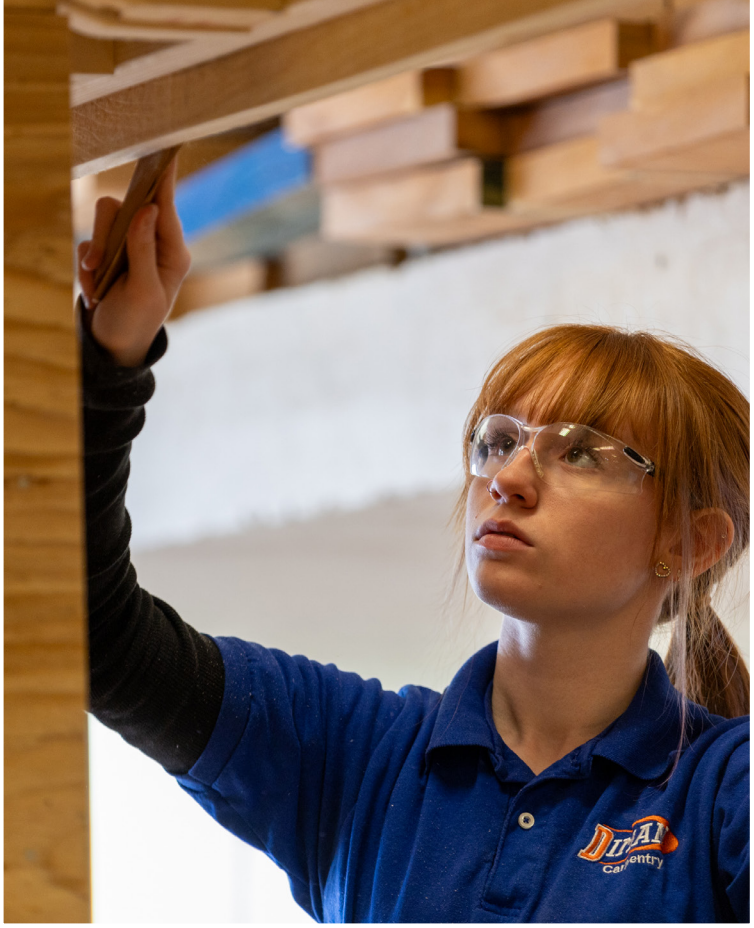
- Administrative assistant
- Receptionist
- Data entry specialist
- Bank teller
- Accounts receivable/payable clerk
- Bookkeeper
- Payroll clerk
- Word Processor

2 Year College:

- Executive Administrative Assistant
- Medical Administrative Assistant
- Legal Administrative Assistant
- Court Stenographer
- Payroll Supervisor
- Management
- Travel Agent
- Real Estate Agent

4 Year College:

- Accountant
- Marketing Manager
- Finacial Analyst
- Social Media Marketing/ Management
- Health Care Administration
- Human Resources Management
- Records Management
- Sports Management
- Project Management



Carpentry-Cabinetmaking

CARPENTRY-CABINETMAKING

Students entering in the Carpentry - Cabinetmaking program are instructed in the safe and proper use of hand tools, portable power tools, and stationary power equipment. They are also instructed in layout, design, and various machining methods. These skills are then used to fabricate progressively-more-difficult projects, ultimately leading to the introduction of Computerized Numerical Controlled (C.N.C.) Training in the state-of-the-art multi-cam routers and the S.C.M.I. point-to-point machining center.

A portion of this program deals with the building of a house. Junior and senior students construct a residential home in one of our member communities. Students are instructed in rough framing techniques, shingling, exterior finish, interior finish, as well as built-in cabinets and the installation of custom cabinetwork.

The Carpentry-Cabinetmaking program provides students with the skills necessary to compete in today's highly technical and demanding building trade industry.

SKILL AREAS

- Shop safety
- Measurements
- Hand tools
- Common wood joints
- Hand sanding
- Gluing
- Blueprint reading
- Set-up & operate shop equipment
- CNC programming
- Layout & stockpiling of cabinets
- Construct wall, base, & utility cabinets
- Construct furniture
- Orientation to nature of wood
- Hardware application
- Installation of cabinets
- Apply production procedures
- Safety on the job site
- Beam-steel & wood
- Floor joists/ trusses
- Partition & wall framing
- Roof framing -shingling
- Insulation
- Dry wall installation
- Exterior finish
- Installation of windows/doors

Career Options

Students graduating from Diman have a variety of job options available to them. Below is a partial list of jobs Diman graduates from this program are qualified for, depending on their level of education.

Diman Diploma:

- Rough and finish carpenter
- Title setter
- Cabinet maker/installer
- Retail sales/construction supply
- Drywall worker/plasterer
- Roofer
- Siding installer
- Insulator
- Hardwood floor installer
- Remoderler

2 Year College:

- Estimator
- Building inspector
- Architectural technologist
- Engineering technician
- Interior/exterior design
- Draftsperson
- Surveyor
- Real estate salesperson

4 Year College:

- Civil/structural engineer
- Design engineer
- Vocational technical instructor
- College instructor
- Real estate developer

Culinary Arts

CULINARY ARTS

Diman's Culinary Arts program offers students comprehensive training in all aspects of the culinary world. One of the program's highlights is Room 251, a full-service restaurant that is run by students, allowing them to gain hands-on experience in a real-world setting. Students rotate through various positions, including line cook, server, and pastry chef, providing them with well-rounded experience in both front-of-house and back-of-house operations. Below is an overview of the different components of the program, including the cooking, baking and pastry, and freshmen areas.

Room 251 Restaurant

Room 251 restaurant and takeout service is open to the public on certain days. This facility serves as a training ground where upper-level culinary students can apply their skills in a professional environment. Students learn various aspects of front of house operations such as cash handling and procedures, menu writing, table set-up and service, and guest relations.

Cooking Side (Culinary Arts)

The cooking side focuses on teaching students the fundamental techniques of food preparation and cooking. Courses cover a wide range of topics, including knife skills, food safety, flavor development, and different cooking methods. As students progress, they learn to prepare meals for the Room 251 restaurant, working in a fast-paced kitchen environment, handling everything from appetizers to entrees. Menus are designed and executed by students under the guidance of the culinary instructors. This allows students to showcase their creativity and technical skills. Students are introduced to international cuisines, allowing them to explore a variety of cultural dishes and flavors.

Baking and Pastry Side

The baking and pastry component emphasizes the art of pastry making, baking, and dessert creation. Students start with the basics of bread making, cake decorating, and pastry techniques, gradually moving toward more complex desserts and presentations. They also have the opportunity to create baked goods for Room 251 and special events, such as catered functions. Advanced skills in chocolate work, sugar sculptures, and plated desserts are covered in higher levels of the program.

Cafeteria

Students will delve into various aspects of nutrition, including understanding dietary needs and the benefits of different food groups. They will also gain hands-on experience in large-scale batch cooking techniques, learning how to prepare meals efficiently for a group. Furthermore, students will engage with the daily operations of cafeteria service, gaining insight into how meals are planned, prepared, and served. An important component of their learning will be developing and refining the school lunch menu, allowing them to offer valuable input and influence the choices available to their peers.

Freshman Year

Freshmen are introduced to the basics of food safety, kitchen hygiene, and simple cooking techniques. They learn about proper kitchen behavior and how to follow recipes. This year is foundational, as students gain a sense of the culinary world and can decide if they want to pursue cooking, baking, or restaurant service for the rest of their time at Diman.

Certifications and Competitions
The Culinary Arts program at Diman offers opportunities for students to earn certifications in areas such as ServSafe and OSHA. These certifications are essential for ensuring students are prepared for the workforce.
Students also have the chance to compete in local and national culinary competitions in SkillsUSA and Prostart where they can showcase their skills and gain additional experience.

In summary, Dimam's Culinary Arts program offers a dynamic and immersive experience that prepares students for careers in the culinary field. From working in Room 251 to developing skills in cooking and baking, students receive a well-rounded education that equips them with the knowledge and hands-on experience needed for success in the foodservice industry.

SKILL AREAS

- Personal hygiene
- Sanitation
- Safety
- Cooking methods
- Breakfast preparation
- Salads/salad dressing preparation
- Soups & stocks
- Vegetable starch preparation
- Sauces & gravies
- Meat preparation
- Poultry
- Seafood
- Dining room
- Purchasing storage
- Baking pastry preparation
- Yeast raised products
- Cake & cookie batter
- Icings
- Nutrition
- Menu Development
- International Cuisines
- Catering Events

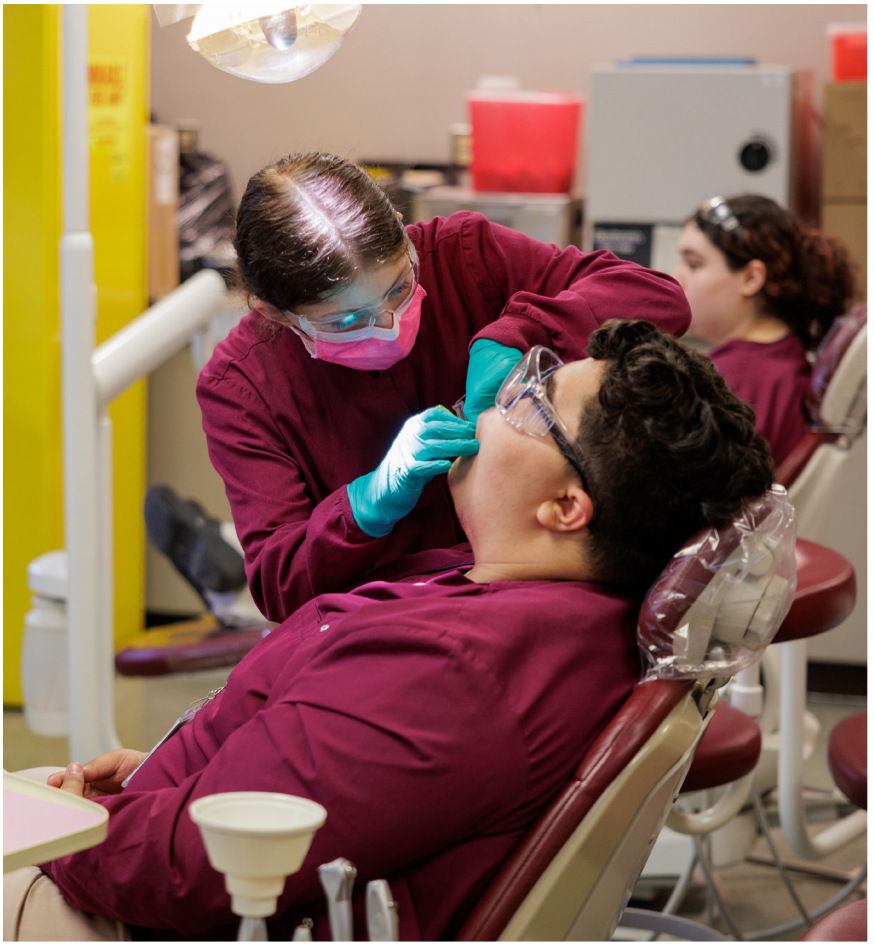
Career Options

Students graduating from Diman have a variety of job options available to them. Below is a partial list of jobs Diman graduates from this program are qualified for, depending on their level of education.

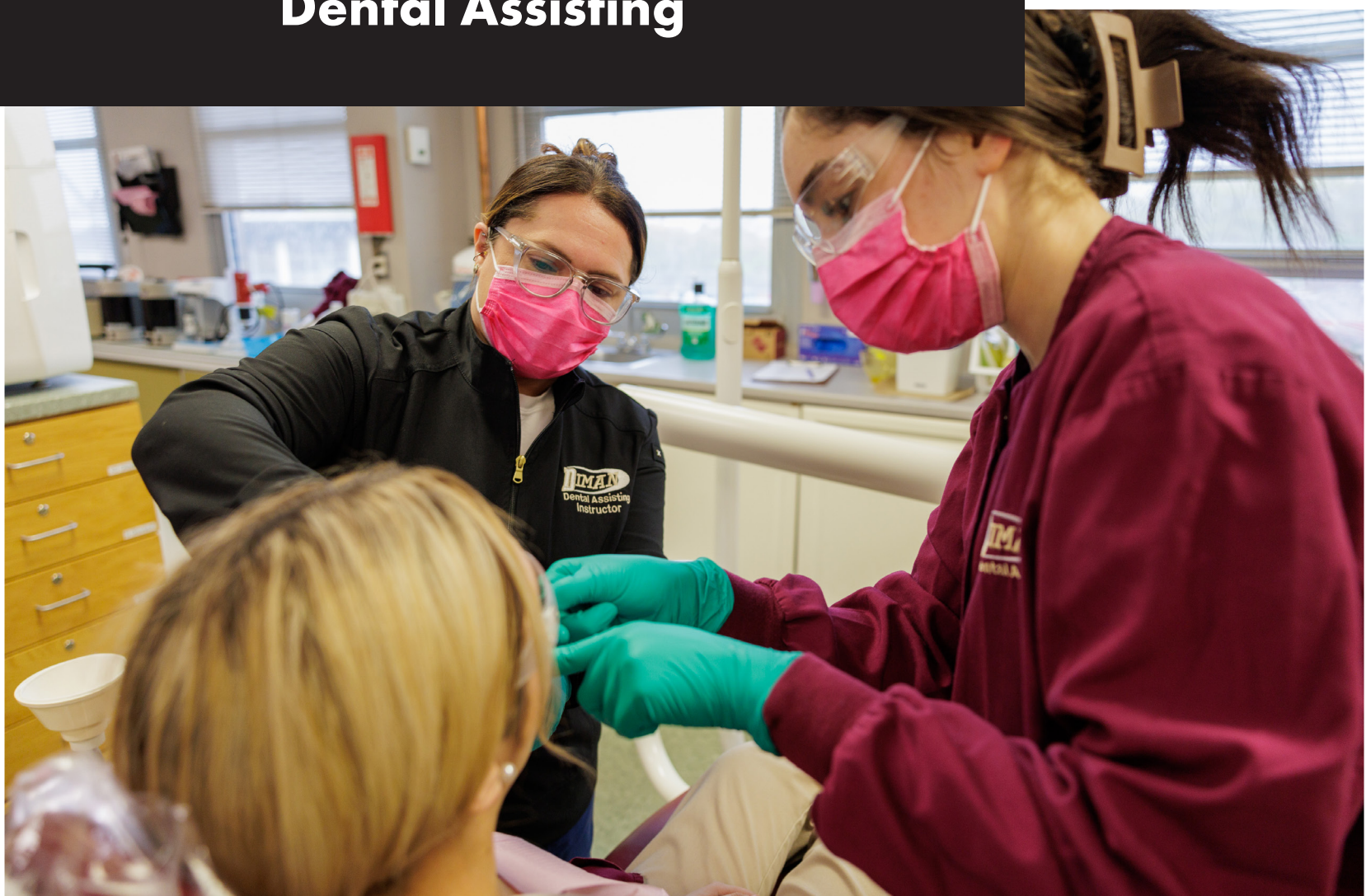
Diman Diploma:
- Assistant cook
- Wait staff
- Host or hostess
- Bakery assistant
- Cashier
- Fast food or short order cook
- Prep cook

Two Year College:
- Food service manager
- Caterer
- Bakery Owner
- Restraunt owner
- Banquet manager
- Sous chef
- Food analysis
- Meat grader/inspector

Four Year College:
- Dietician
- Nutritionist
- College instructor
- Executive chef
- Vocational technical instructor
- College instructor
- Hotel/restaurant management



Dental Assisting



DENTAL ASSISTING

The Dental Assisting Program trains and educates students to be competent Dental Assistants. The skills of a Dental Assistant are varied and challenging, with a wide range of tasks that require interpersonal and technical skills.

The Dental Assisting Program offers students the opportunity to take the Dental Assisting National Board Exam in Infection Control and Radiation Health and Safety.

Students receive intense hands-on training in the dental shop at Diman as well as clinical rotations at local dental offices. Clinical experience can also be obtained through Diman's Cooperative Education Program.

Program entry requirements consist of average to above average grades in science and English. Students must possess a good degree of manual dexterity as well as good interpersonal skills.

Career opportunities can include flexible hours with part-time and full-time employment.

Skill Areas

- Prevention and Nutrition
- Basic Dental Sciences
- Pre-Clinical Dental Skills
- Clinical Dental Procedures
- Restorative and laboratory materials and techniques
- Dental practice management
- Dental radiography
- Dental Specialties

Career Options

Students graduating from Diman have a variety of job options available to them. Below is a partial list of jobs Diman graduates from this program are qualified for, depending on their level of education.

Diman Diploma:

- Clinical Dental Assistant for general practice
- Clinical dental Assistant for specialty practice
- Office management assistant
- Laboratory assistant

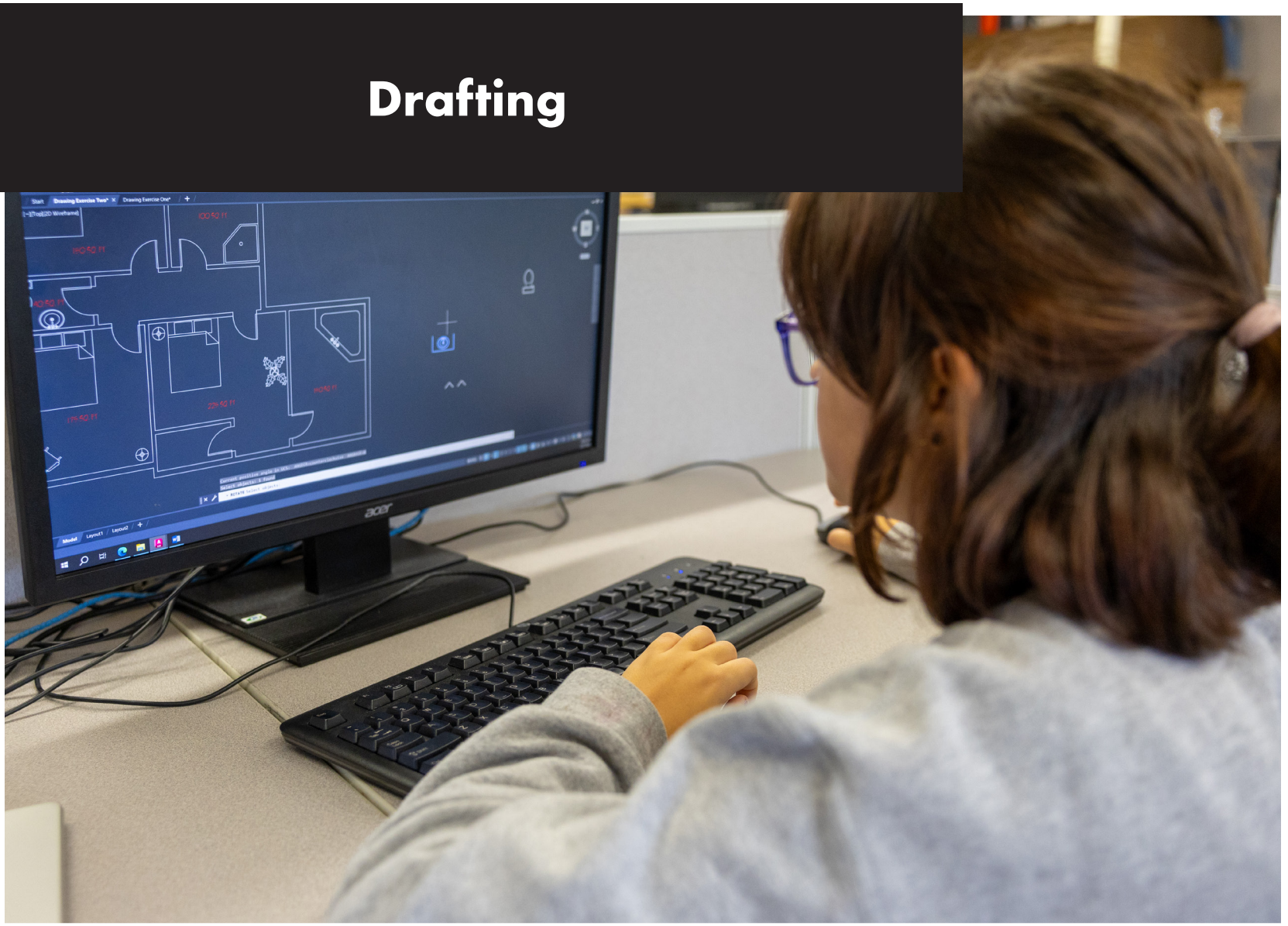
2 Year College:

- Dental hygienist

4 Year College:

- Dental hygienist
- Pre-dental

Drafting



DRAFTING

In the Drafting Program, students learn to communicate thoughts and ideas by using graphic representation. Drafting students translate design concepts through sketches, details, assemblies, and specifications. To generate their drawings, Drafting students use computer-aided-drafting (CAD) systems, technical handbooks, tables, and calculators. Students increase their general technical knowledge by learning engineering and manufacturing processes used in industry.

The drafting curriculum provides instruction predominately in mechanical drafting, along with limited instruction in architectural, civil, piping, structural, electronic, and electrical drafting. Field trips to local businesses provide a realistic industrial setting of an engineering/design department. Senior students complete a "senior design project" and are also encouraged to participate in the co-op job placement program.

The Drafting shop generates drawings required for projects that are being completed by other shops such as Precision Machining, Metal Fabrication, and Carpentry.

Objectives of a Drafting student are accuracy, legibility, neatness, and speed. Students should also have the ability to visualize objects, along with possessing good communication and math skills.

Skill Areas

- Introduction to Drafting
- Paper, Borders, & Title
- Blocks
- Lettering & Linework
- Scales & Measurements
- Instrument Drawing
- Technical Mathematics
- Geometric Construction
- Multiview Projection
- Dimensioning
- Manufacturing Practices
- Reproduction & Filing
- Introduction to Computers
- File Management & Back-up
- Introduction to AutoCAD
- AutoCAD Commands
- Plotting & Printing
- Working Drawings
- Revolutions
- Sectional Views
- Auxiliary Views
- Isometrics
- Intersections & Developments
- Fasteners & Springs
- Welding Representation
- Introduction to Architecture
- Architectural Drawings
- Civil Drawings
- Piping Drawings
- Structural Drawings
- Electrical & Electronic Drawings
- Power Transmission Systems
- Design Concepts
- Advanced CAD Applications
- Employment Preparation

Career Options

Students graduating from Diman have a variety of job options available to them. Below is a partial list of jobs Diman graduates from this program are qualified for, depending on their level of education.

Diman Diploma:

- Detailed draftsperson
- Drafter assistant
- CAD detailer
- Technical salesperson
- Mechanical drafter
- Architectural drafter

Two Year College:

- CAD drafter
- Design checker
- CAD manager/engineering technician
- Civil engineering technician
- Electrical engineering technician
- Landscape designer
- Marine engineering technician

Four Year College:

- Mechanical engineer
- Manufacturing engineer
- Civil engineer
- Structural engineer
- Field engineer
- Industrial engineer
- CAD specialist/manager
- Design manager

Electricity

ELECTRICITY

Diman's Electricity program offers a comprehensive and integrated program in math, science, and process writing. Students are taught all facets of residential, commercial, and industrial writing in accordance with the National and Massachusetts Electrical Code. This instruction includes:

- Trade skills
- Electrical theory
- Computer skills
- Structural blueprint reading
- Construction principles
- Electrical estimating

Additionally, the Electricity program offers extensive training in electrical maintenance, with students trouble-shooting electrically-controlled equipment in an actual trade setting. Students study single-phase and three-phase transformation utilizing state-of-the-art programmable logic controllers. Wiring and schematics diagrams are used extensively to complete the course of study.

SKILL AREAS

- Electrical safety
- Protective devices
- Programmable logic controls
- Material safety data sheet
- Circuit breakers & fuses
- Communication Wiring
- Electrical theory AC & DC
- Single-phase transformers
- Solar photovoltaic systems
- Wiring methods & materials
- Three-phase transformers
- Wind generation
- Residential finish wiring
- Single-phase motor controls
- Fire alarm & burglar systems
- Residential rough wiring
- Three-phase motor controls
- Industrial wiring
- Direct current motor controls
- Commercial wiring
- Schematic diagrams (CAD)
- Blueprint reading
- Service installations

CAREER OPTIONS

Students graduating from Diman have a variety of job options available to them. Below is a partial list of jobs Diman graduates from this program are qualified for, depending on their level of education.

Diman Diploma:

- Residential, industrial, or commercial electrician apprentice
- Maintenance electrician
- Electrical equipment sales
- Industrial controls technician
- Communications installer
- Fire alarm system installer
- Cable TV installer

2 Year College

- Electrical engineer
- Electrical instructor
- Small business management

2 Year Post-Secondary

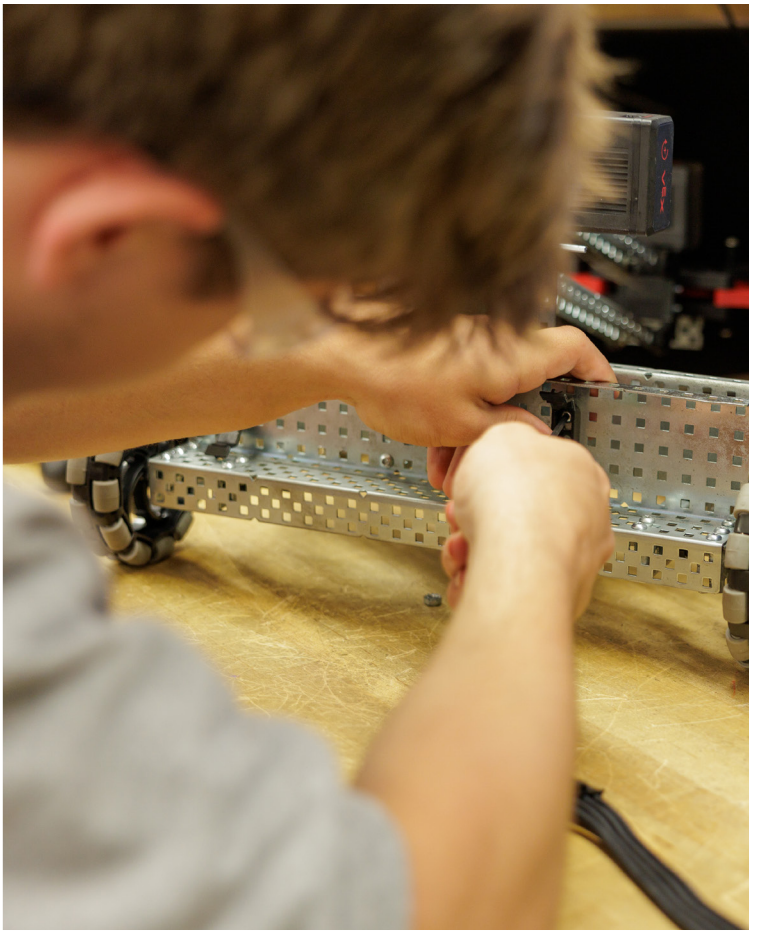
- *Journeyman electrical licensure*

3 Year Post-Secondary

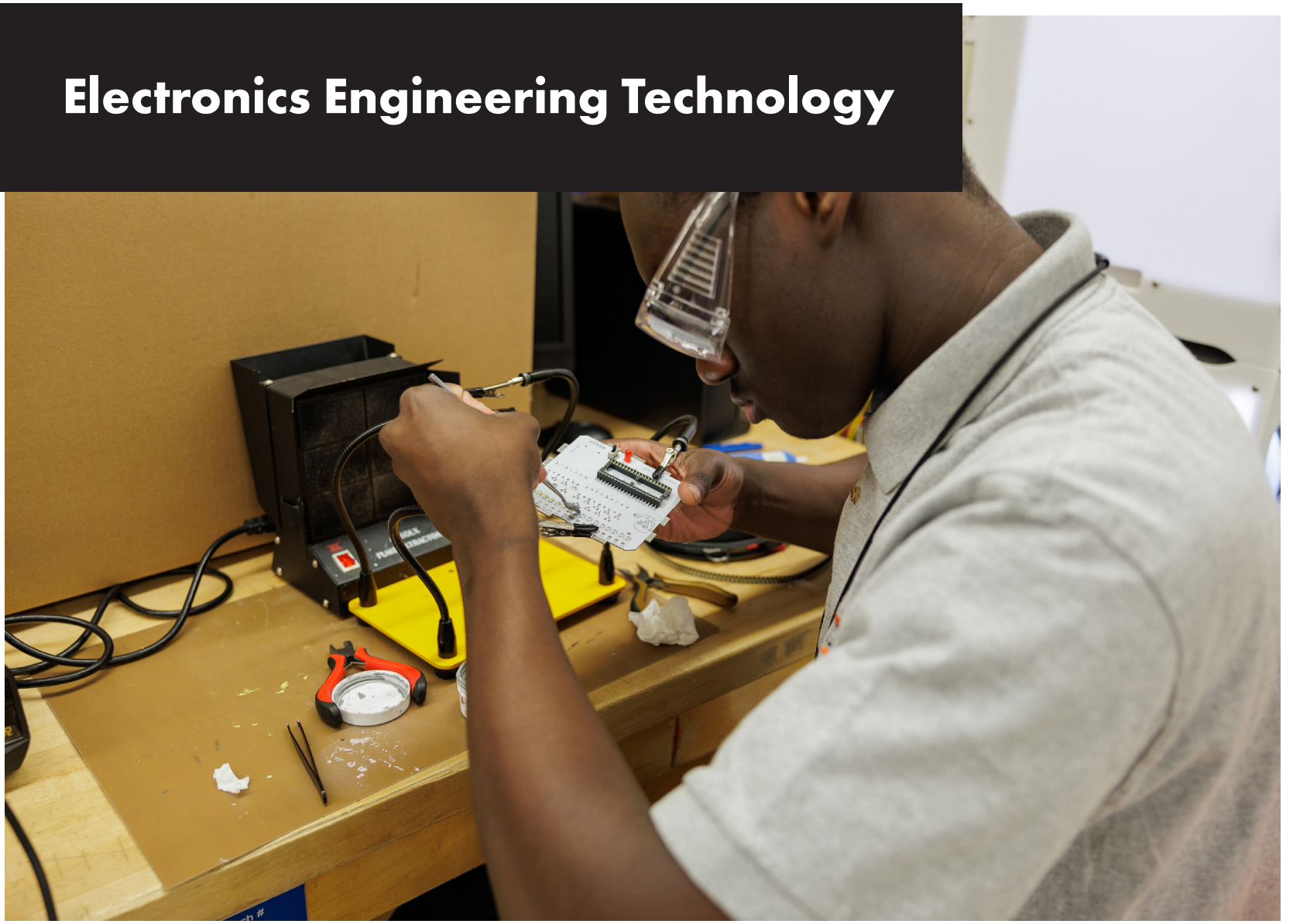
- *Master electrician/contractor*

4 Year College:

- Electrical engineer
- Theater lighting technician and lighting designer



Electronics Engineering Technology



ELECTRONICS ENGINEERING TECHNOLOGY

The Electronics Engineering Technology program (formerly known as Electronics Technology) offers students hands-on experience with circuits, electronics, and modern technology, preparing them for careers in engineering and related fields. It fosters problem-solving skills, critical thinking, programming skills, and encourages innovation through real-world applications of theory. Students gain proficiency in using industry-standard tools and equipment, giving them a competitive edge for internships, apprenticeships, or further education. We also incorporate drone and robotic technology which enhance student learning and preparing them for future careers. Additionally, the program helps build students' college readiness and career prospects in the growing technology sector.

Graduates are actively employed in areas of industrial & military electronics, computers, research and development, electronics equipment manufacturing, electronic controls, and measuring equipment.

SKILL AREAS

- DC circuits
- AC circuits
- Analog circuits
- Digital circuits
- Robotic design & construction
- Troubleshooting skills
- Soldering skills
- Electronics CAD drawing
- Circuit/project prototyping & fabrication
- Basic engineering concepts & skills
- Engineering documentation production
- Microprocessor programming

CAREER OPTIONS

Students graduating from Diman have a variety of job options available to them. Below is a partial list of jobs Diman graduates from this program are qualified for, depending on their level of education.

Diman Diploma:

- Electronic technician
- Computer technician
- Electronic salesperson
- Printed circuit layout person
- Data communications technician
- Network support person
- Electronic board repair
- Fiber optics service person

Two Year College:

- Computer repair-setup
- Design electronic technician
- Integrated circuit fabricator
- Network support person
- Electronic board repair
- Telecommunication service person
- Fiber optics service person

Four Year College:

- Electronics engineer
- College instructor
- Computer engineer
- Electronics designer/ engineer
- Communications engineer
- Electronics research engineer
- Mechanical engineer
- Electrical engineer
- Robotics engineer

Graphic Design & Visual Communication

GRAPHIC DESIGN & VISUAL COMMUNICATION

The Graphic Design & Visual Communications Program is crafted to bring students through the process of design creation, from concept to final production. Students are provided with the skills to develop visual designs using the latest design and layout software and to produce those designs on industry-standard technology.

We provide students the opportunity to work in nine different areas in the graphic communications field, as well as the opportunity to create their own conceptual designs using the Adobe Creative Suite. We also give students the opportunity to utilize digital camera equipment and edit their own photographs in Adobe Photoshop for use in their projects.

Students have the ability to operate state of the art output devices to produce industry quality products. Students also have the ability to operate digital presses in a quick-print area.

In our apparel section, students can produce embroidered clothing, as well as both digital and manual screen printing. They will also lean the process of thermal printing for both apparel and sign processes.

Within our overall program, we provide all aspects of the graphic communications industry through our experiential curriculum. Seniors will have the ability to develop a professional portfolio that will give them an advantage in the graphic communications field upon graduation.

The Graphic Design & Visual Communication Program reinforces English, math and science, while challenging students' prob-lem-solving abilities.

SKILL AREAS

- Identifying general safety practices
- OSHA Certification
- Orientation to Graphic Design
- Proofreading
- Office Procedures
- Screen Printing
- Thermal Printing
- Typography
- Graphic Design
- Illustration
- Cutting / Trimming
- Bindery
- Folding
- Vinyl Lettering
- Embroidery
- Sign Making
- Adobe Certification
- UV Printing

CAREER OPTIONS

Students graduating from Diman have a variety of job options available to them. Below is a partial list of jobs Diman graduates from this program are qualified for, depending on their level of education.

Diman Diploma:

- Desktop publisher
- Embroiderer
- Screen Printer
- Customer service representative
- Bindery/finishing operator

Two Year College:

- Sales representative
- Electronic/mechanical technician
- Customer service manager
- Layout artist
- Production coordinator/ manager
- Print buyer

Four Year College:

- Print management
- Business management
- Marketing
- Graphic Designer
- Advertising
- Public relations
- Copy editor
- Industry consultant
- Animation artist

Health Assisting

HEALTH ASSISTING

The Health Assisting program offers bright prospects for students seeking rewarding careers in one of the fastest growing employment areas. The overall objective of the program is to give each student an opportunity to develop his/her unique potential and achieve personal, academic, vocational/technical, and civic goals. This is accomplished by providing, in conjunction with other school activities and programs, a state-of-the-art, integrated academic, and a vocational/technical program that focuses on knowledge, skills, and dispositions needed by contemporary health care workers both in general and in select specialty areas.

Qualified students may take the certifying exams for the following:

- OSHA 10-Hour General Industry-Healthcare
- American Red Cross Babysitter Training
- National Safety Council First Aid
- National Safety Council Bloodborne and Airborne Pathogens
- American Heart Association BLS for Healthcare Providers (CPR)
- MA Department of Public Health Nurse Aide
- National Council of Certified Dementia Practitioners Alzheimer's and Dementia Training
- MA Council for Home Care Aide Services Home Health Aide
- National Health career Association EKG Technician
- MA Council of Human Service Providers Direct Support Specialist

Clinical experiences are provided in select health care-related agencies. Employment opportunities exist in diverse health care settings even before graduation. Those who gain additional education may pursue certification, registration, or licensure in nursing and dental careers, diagnostic services, emergency medical services, psychological and social services, rehabilitative services, nutrition and dietary services, and more.

SKILL AREAS

- Understanding medical terminology
- Communicating effectively
- Reporting and recording client data
- Assisting with activities of daily living
- Administering comfort measures
- Responding to client needs
- Assisting with nutrition and hydration
- Measuring and recording vital signs
- Demonstrating employability skills
- Demonstrating health and safety practices
- Responding to medical emergencies
- Demonstrating child care skills
- Assisting clients with cognitive impairments
- Identifying ethical and legal responsibilities
- Complying with infection control procedures
- Operating a mechanical lift
- Collecting specimens
- Performing electrocardiography
- Administering medications
- Performing phlebotomy
- Understanding intellectual & developmental disabilities

CAREER OPTIONS

Students graduating from Diman have a variety of job options available to them. Below is a partial list of jobs Diman graduates from this program are qualified for, depending on their level of education.

Diman Diploma:

- Nurse aide
- Home health aide
- Dietary aide
- EKG technician
- Direct care specialist

One to Three Years Postsecondary:

- Massage therapist
- X-ray technician
- Medical assistant
- Optometrist
- Licensed practical nurse
- Registered nurse
- Pharmacy technician
- Surgical technician
- Emergency medical technician
- Physical therapy assistant
- Occupational therapy assistant

Four+ Years College:

- Athletic trainer
- Speech therapist
- Physical therapist
- Registered nurse
- Medical laboratory technologist
- Occupational therapist
- Dietitian
- Medical doctor
- Pharmacist
- Psychologist
- Nurse practitioner
- Physician's assistant

Heating, Ventilation, Air Conditioning, Refrigeration

HEATING, VENTILATION, AIR CONDITIONING, REFRIGERATION

The Heating, Ventilation, Air Conditioning, and Refrigeration program has been designed to prepare students for immediate employment in the heating, ventilation, air conditioning and refrigeration industries. Upon completion of this program, students possess the necessary knowledge, skills and certifications to diagnose, repair and install today's equipment. Our instructors work to instill 21st Century Skills and social responsibility in all students, and highlight areas of our trade that affect sustainability and environmental impact. The HVACR shop believes that a diverse workforce will help strengthen the industry of the future, and create a positive learning environment for everyone.

The Heating, Ventilation, Air Conditioning, and Refrigeration program is one of the licensed mechanical trades here at Diman, and the only trade where students are immediately able to enter the industry after graduation, without the need for continuing education or night schooling. Students will earn the Environmental Protection Agency (EPA) 608 Certification which allows work on most air conditioning and refrigeration equipment found in most residential and light commercial properties. Upon completion of the four-year program at Diman and being eighteen years of age, new technicians should register with the Massachusetts Division of Apprentice Standards (DAS) and for their Refrigeration Apprentice License from the Massachusetts Bureau of Pipefitters, Refrigeration Technicians, and Sprinkler Fitters. After 2000 hours of on-the-job-training (OJT) and proper registration, technicians will be allowed to test for the Massachusetts Refrigeration Technician license which permits unrestricted large commercial work. This license is transferable to other states that currently have articulation agreements.

SKILL AREAS

- Occupational Safety
- Hand and Power Tools
- Pipe Joining/Fitting
- Construction Drawings
- Electrical Fundamentals
- HVACR Electrical Controls
- Mini Split Heat Pump Install
- Refrigerant Handling
- Refrigeration Theory
- Medium Temp Systems
- Low Temp Systems
- Refrigeration Controls
- HVACR System Testing
- System Pump-Down
- Forced Air Heating Systems
- Central Air Conditioning
- Installation and Service
- Preventative Maintenance
- Refrigerant Recovery
- Duct System Design
- Efficiency Testing
- Hydronic Heating Systems
- Wall Hung Boilers/Combi Systems
- Centrifugal Pumps
- Oil Burners
- Combustion Analysis
- Unitary Heat Pumps
- Live In-District Work

CAREER OPTIONS

Students graduating from Diman have a variety of job options available to them. Below is a partial list of jobs Diman graduates from this program are qualified for, depending on their level of education.

Diman Diploma:

- HVAC/R Residential Service Technician
- HVAC/R Residential Installation Technician
- Ductwork Installer
- Supply House Salesperson
- HVAC/R Commercial Apprentice
- Service and Installation Dispatch

Post-Secondary Education

- Building Analyst
- Certified Energy Manager
- Certified Building Operator
- Assistant Project Manager
- Weatherization Technician
- Systems Designer
- Safety Coordinator
- Home Inspector

Four Year College:

- Mechanical Engineer
- Electrical Engineer
- Facilities Manager
- Project Manager
- Construction Management
- Business Management

Medical Assisting

MEDICAL ASSISTING

Medical Assisting is a multifaceted profession within healthcare that includes working in an administrative and/or clinical role. The Medical Assisting program at Diman Regional High School is dedicated to providing theory and technical skills necessary to gain successful employment as a medical assistant, begin to build a professional network with individuals within the medical field, and gain exposure to a myriad of employment opportunities.

Medical assistants are employed in physician's offices, hospitals, outpatient care centers, and other specialty settings. Graduates of the medical assisting program will possess the important skills needed to be successful in today's industry with the ability to learn, change, and adapt. The underlying fundamentals of the program will include career and technical training, integrated with English, math, related science, and safety training (that will meet and exceed OSHA Safety training) to provide each student with the background to advance educationally, as well as professionally. The course instruction utilizes the competencies from the Medical Assisting Vocational Technical Educational (VTE) Frameworks allowing students to sit for national certification. Emphasis is put on the acquisition of 21st-century skills, designed to promote an environment of problem-solving, critical thinking, creativity, collaboration/teamwork, and resourcefulness through rigorous project-based learning. It is the goal of the Medical Assisting program to prepare competent entry-level medical assistants in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains to meet the needs of the local communities of interest.

Program Learning Experience

As a freshman, students can expect an introduction to the profession of medical assisting during their exploratory program. In the second semester, students will continue that exploration with an emphasis on safety and building foundational skills. Students will begin to learn the language of medicine and the necessary communication skills that will not only be important to their function as a medical assistant but will aid in their success as a student and/or employee in any setting. Students will receive training in assisting with the physical exam and responding to patients' needs and learn important infection control procedures.

Sophomores will continue the medical assisting shop with a systems approach. They will learn the medical terminology, abbreviations, anatomy and physiology, and medication categories of the body systems. Clinical skills within the scope of practice for medical assistants and related to the body system being studied will be practiced with a focus on safety, communication, infection control, and charting.

Juniors will continue to strengthen their knowledge of safety, communication, administrative functions, infection control, and medical terminology. In a systems approach, they will learn pathophysiology including various diagnostic testing, medication administration, and lab skills that fall within the scope of practice for medical assistants. Students will participate in a clinical externship and eligible students will be able to participate in Co-op.

Seniors who do not participate in Co-op will further their education in advanced areas of medical assisting as they prepare for and take certification exams in a number of areas.

Certification Exams

Students who successfully complete a Chapter-74 Medical Assisting program will be eligible to sit for various certification exams. These may include:

- Registered Medical Assistant (RMA)
- Certified Clinical Medical Assistant (CCMA)
- Certified Medical Administrative Assistant (CMAA)
- Certified EKG Technician (CET)
- Certified Billing & Coding Specialist (CBCS)
- Certified Electronic Health Record Specialist (CEHRS)
- American Heart Association Heartsaver First Aid
- American Heart Association BLS Provider CPR
- OSHA 10-hour General Industry (Healthcare)

SKILL AREAS

- Demonstrate health and safety practices
- Demonstrate professional behavior in clinical practice
- Demonstrate verbal and nonverbal communication
- Collect a medical history
- Respond to patients' needs
- Organize and maintain technical information
- Screen and process mail
- Demonstrate basic computer skills
- Assist with asepsis and infection control
- Assist with minor surgical procedures
- Perform first aid and CPR
- Assist with specialty exams
- Instruct patients about medication and special diets
- Provide patient education
- Perform CLIA waived tests
- Collect, prepare, and transmit specimens
- Electrocardiography
- Spirometry
- Perform venipuncture and capillary puncture

CAREER OPTIONS

Students graduating from Diman have a variety of job options available to them. Below is a partial list of jobs Diman graduates from this program are qualified for, depending on their level of education.

Diman Diploma:

- Administrative Medical Assistant
- Chiropractic Assistant
- Clinical Medical Assistant
- Medical Records Technician
- Medical Biller
- Laboratory Assistant
- Patient Navigator
- Medical Receptionist
- EKG Technician
- Physical Therapy Aid
- Optometric Assistant
- Podiatry Assistant
- Pharmacy Technician Aid

Two Year College:

- A.S. in Medical Assistant
- Clinical Laboratory Science
- Diagnostic Medical Sonography
- EMT/ Paramedic
- Health Information Management
- Health Science
- Human Services
- Medical Coding and Billing Specialist
- Occupational Therapy Assistant
- Office Administration
- Nurse Education
- Physical Therapist Assistant
- Radiologic Technology
- Respiratory Care
- Surgical Technology

Four Year College:

- Accupuncture
- Biological Sciences
- Chemistry
- Clinical Laboratory Science
- Health Information Technology
- Healthcare Administration and Management
- Human Services
- Medical Imaging and Therapeutics
- Nursing
- Nutrition and Dietetics
- Optometry
- Pharmacy
- Physical Therapy
- Physician Assistant
- Public Health
- Psychology
- Sociology
- Sports Medicine

Metal Fabraication and Joining Fabrication

METAL FABRICATION AND JOINING TECHNOLOGIES

In the Metal Fabrication & Joining Technologies program students learn how to measure, cut, and bend metal to print specifications. They learn how to operate the essential machines such as brakes, shears, presses, rolls, forming machines, welders and punches, CNC programming, and operation of water jet/plasma cutting systems. Students also learn how to layout, fabricate, and install sheet metal fittings and ductwork for the heating, ventilation and air conditioning industries along with HVAC system installation.

In the sheet metal program students learn the proper procedures for pattern development, fabrication, and installation of air system ductwork for Heating Ventilation and Air Conditioning industry. The metal fabrication program teaches students how to properly layout, cut, fabricate and tack weld various metals running in thicknesses from 1/16" to 1/2" thick according to blue print specifications. The Welding program teaches students the proper techniques and procedures in SMAW, FCAW, GMAW, GTAW, OAW, OAC, PAC, Robotic Welding, CNC Plasma cutting, CNC Water Jet cutting and programming software needed to become proficient in successfully cutting and joining various metals. We also utilize the American Welding Society Sense program.

Related classroom theory is taught in areas such as safety with a mandatory ten hour OSHA Safety Training Course resulting in a certificate for general construction safety. National Fire Protection Association 51B Hot Works certification. trade math, Print reading, Welding processes, metal working, American Welding Society rules and procedures, metallurgy, weld inspection, sheet metal layout and installation, technical writing, employability skills and portfolio.

SKILL AREAS

- Competency Orientation
- Safety
- Metal Identification
- Hand Tools
- Hand Operated Equipment
- Power Equipment
- Measurements (Sheet Metal)
- Straight Line Layout
- Parallel Line Layout
- Radial Line Layout
- Triangulation
- Fastening (Sheet Metal)
- Oxygen-Fuel Welding & Cutting
- ARC Welding
- MIG Welding
- TIG Welding
- Gouging
- CNC Plasma Arc Cutting
- Measurement 1/8" Stock & Heavier
- Fastening 1/8" Stock & Heavier
- Assembly Methods
- Blueprint Reading

CAREER OPTIONS

Students graduating from Diman have a variety of job options available to them. Below is a partial list of jobs Diman graduates from this program are qualified for, depending on their level of education.

Diman Diploma:

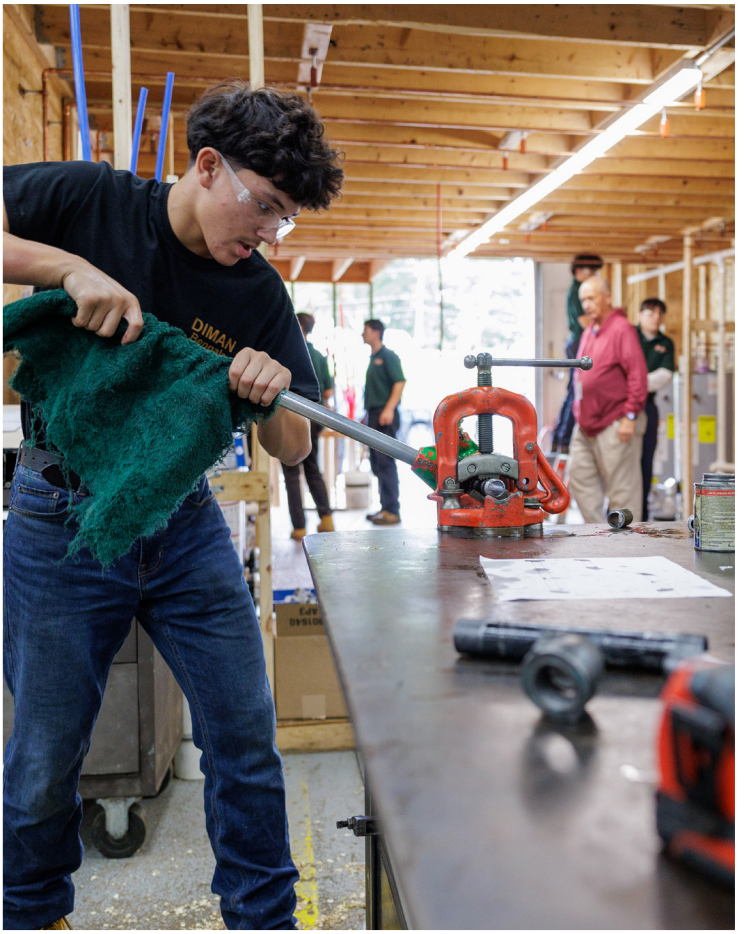
- Ship building
- Fabricator
- Welder
- Production worker
- Sheet metal apprentice
- Entry Level Sheet Metal Worker
- Travel Opportunities

Two Year College:

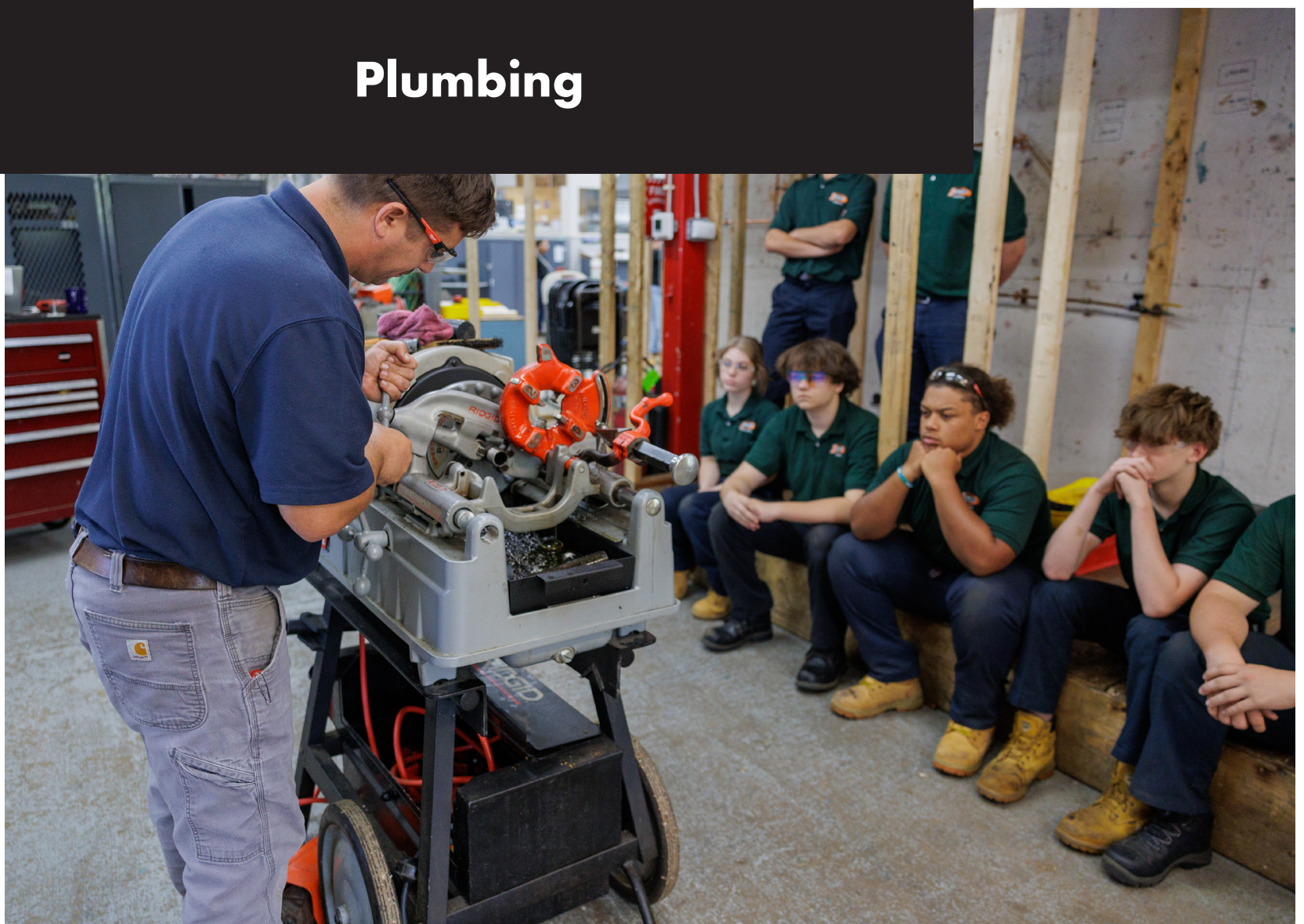
- Project cost estimator
- Project manager
- Weld inspector (CWI)
- Foreman
- System Designer

Four Year College:

- Mechanical engineer
- Welding engineer
- College instructor
- Senior system designer
- Vocational Technical Instructor



Plumbing



PLUMBING

The Plumbing Program provides students with opportunities to experience numerous aspects of the trade. Students develop skills in assembling black steel pipe, copper tubing, and cast iron soil pipe. Safety is emphasized throughout the four-year program. Students are taught the proper use of hand and portable power tools. They are also exposed to welding as it applies to the plumbing trade.

The junior and senior shop curriculum provides opportunities for live work, thus allowing them to work on school and community maintenance projects. Many of the plumbing and heating projects provide students with opportunities to use their mechanical aptitude and their ability to solve engineering problems through critical thinking skills and their ability to be creative.

SKILL AREAS

- Assembling Steel Piping
- Assembling Copper Tubing
- Assembling Cast Iron Pipe
- Assembling Plastic Pipe
- Supporting Pipe
- PVC/ABS Supporting Pipe
- Drill Notching Cutting
- Installing Hot Water Appliances
- Repair & Maintenance
- Metal B-Vent Gas Chimney
- Oil Storage System
- Hydronic Heating System
- Radiation (Heating)
- Heating Accessories
- Boiler Controls
- Clearing Stoppages
- Installing Gas Piping
- Water Pumps
- Blackflow Preventers
- Special Waste
- Rouging Fixtures
- Venting Fixtures
- Installing a Water Distribution System

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- Boiler Controls
- Clearing Stoppages
- Installing Gas Piping
- Water Pumps
- Blackflow Preventers
- Special Waste
- Rouging Fixtures
- Venting Fixtures
- Installing a Water Distribution System

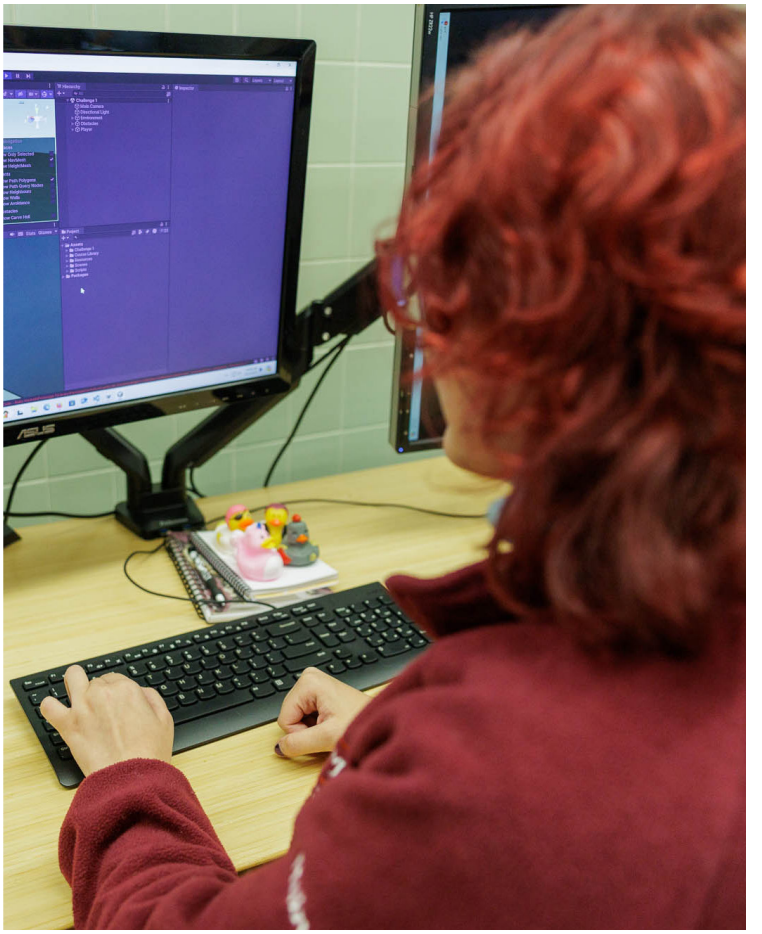
Career Options

Students graduating from Diman have a variety of job options available to them. Below is a partial list of jobs Diman graduates from this program are qualified for, depending on their level of education.

Diman Diploma:
- Apprentice plumber
- Plumbing supply house worker
- Waste water treatment facility worker

4 Year Trade/Night School:
- *Small business management*
- *Residential plumber*
- *Commercial plumber*

4 Year College:
- *Systems engineer*
- *Civil engineer*
- *Water treatment scientist*



Programming and Web Development

PROGRAMMING AND WEB DEVELOPMENT

The Programming and Web Development program provides a solid foundation in programming concepts, web development concepts, elements of software development, fundamentals of computer information technology skills, and fundamentals of cybersecurity. In our web development curriculum, students work with (HTML) hypertext markup language, (CSS) cascading style sheets, and JavaScript. C# and Unity are covered in the project-based programming curriculum.Our students also learn to use Blender and Adobe Photoshop.

Students in this program are eligible to take corresponding Certiport exams to earn certifications.
Juniors and Seniors not on Co-Op are eligible to take CompTIA exams for certifications.

SKILL AREAS

- Software Development
- Web Site Design
- Problem Solving
- Project Management
- Database Concepts
- IT Fundamentals
- Cybersecurity Fundamentals

Career Options

Students graduating from Diman have a variety of job options available to them. Below is a partial list of jobs Diman graduates from this program are qualified for, depending on their level of education.

Diman Diploma:

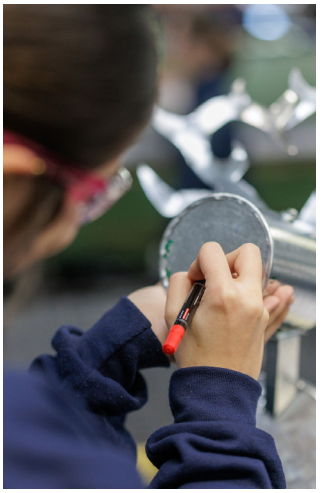
- Web designer
- Entry level developer
- Help desk support specialist
- Software quality assurance tester
- IT technician

2 Year College/Associate's Degree:

- App developer
- Business information systems
- Computer forensics
- Cybersecurity and networking specialist
- Game developer

Four Year College/Bachelor's Degree:

- Computer systems engineer
- Game design engineer
- Computer scientist
- Cybersecurity and networking engineer
- Data scientist
- Supply chain management developer



Diman Regional Vocational Technical High School

Image courtesy of Drew Furtado