

Dental Hygiene



**Middle Georgia Technical College
80 Cohen Walker Drive
Warner Robins, GA 31088
(478) 988-6850
(800)474-1031**

Revised November 2009

Admission to the College and to the Dental Hygiene Program are two distinct processes. Students are responsible for understanding both processes.

- Questions regarding admission to the College should be directed to Mr. Dann Webb, Director of Admissions, at (478)988-6800 x4023 or dwebb@middlegatech.edu
- Questions regarding admission to the Dental Hygiene Program should be directed to Dr. Barbara Jansen, Program Chairperson, at (478)988-6800 x4024 or bjansen@middlegatech.edu

As set forth in its student catalog, Middle Georgia Technical College does not discriminate on the basis of race color creed, national or ethnic origin, gender, religion, disability, citizenship status (except in those special circumstances permitted or mandated by law). The following person has been designated to handle inquiries regarding the nondiscrimination policies:

Jeff Scruggs, Vice President, A206
80 Cohen Walker Drive
Warner Robins, GA 31088
(478) 988-6800 x6858

DENTAL HYGIENE FILE CHECKLIST

Dear Applicant:

Your student record folder must contain the following items in order to be considered for admission:

_____ Application for Admission

_____ High School/GED transcript

_____ College/University transcript(s), if applicable

_____ Birth Certificate or proof of age

_____ COMPASS, SAT, ACT Scores, if applicable

_____ PSB Exam Results*

* The **PSB** is not required for admission to MGTC but is required prior to selection into the Dental Hygiene Program. Satisfactory score of **230** or above must be obtained in order to be selected into the program. It is recommended that the PSB exam be taken following completion of the 6 required core courses. (See detailed information about the PSB exam at the back of this packet).

Prior to selection for the Dental Hygiene Program, the above items **MUST** be submitted to the Admissions Office. Any questions related to admission to the Dental Hygiene Program should be directed to:

Dr. Barbara Jansen

Dental Hygiene Program Director

Ph: (478)988-6800 x4024

e-mail: bjansen@middlegatech.edu

*Procedures for enrolling in the
Dental Hygiene
Associate of Applied Science Degree Program*

ADMISSIONS CRITERIA

- Obtain a Dental Hygiene Admission Packet
- Submit a completed application along with \$15.00 non-refundable application fee
- Be at least 17 years of age; provide birth certificate or proof of age
- Submit official high school transcript or GED transcript
- Submit official college transcripts, if applicable, OR meet the following assessment requirements:

Test	Reading	Writing	Numerical	Algebra
ASSET	41	42	42	42
COMPASS	79	62	50	37
SAT		480	440	
ACT		25	21	
CPE	75	75	75	

- Complete the following courses (30 credit hours) with a minimum grade of "C" in each course. Appropriate transfer credit will be given only for courses which correspond to courses in the Dental Hygiene curriculum and which have been taken at a fully accredited college or university

Course		Hours
ENG 1101	Composition and Rhetoric	5
ENG 1102	Composition and Rhetoric	5
MAT 1111	College Algebra	5
BIO 2113	Anatomy and Physiology I	5
BIO 2114	Anatomy and Physiology II	5
CHM 1111	Chemistry I	5

- Schedule to take the PSB Health Occupations Aptitude Exam - \$20.00. Call the C.A.R.E. Center at (478)988-6800 x5021 or X5017 to schedule.
- Refer to the Dental Hygiene File Checklist in the front of the Admission Packet. The checklist identifies the mandatory items to be furnished prior to acceptance into the program.
- **Prospective candidates for admission should plan to take AHS 104 (Introduction to Healthcare) Summer Quarter prior to admission or earlier.**

MGTC will accept fourteen (14) students into the Dental Hygiene Program each year to begin Fall Quarter based on space availability. Students who are not selected are welcome to apply for the program the following year.

DENTAL HYGIENE PROGRAM COMPETITIVE ADMISSION PROCESS

Entrance into the Dental Hygiene program is competitive. Applicants will be ranked and the top 14 candidates selected using the following factors. A maximum of 100 points is possible.

1. Cumulative GPA of the 6 core courses –65 points maximum
 2. Successful completion of the PSB-Health Occupations Aptitude Exam - 25 points maximum (score of 230 or higher is required)
 3. Documentation of previous dental office experience: either experience as a dental assistant or shadowing experience (40+ hours preferred) (see attached **Dental Hygiene Applicant Shadowing Form**)-10 points maximum
- Slots are filled from the highest point score downward. Final selections will be made by mid-August; however, applicants may be notified of acceptance earlier than mid-August if they have a score of 85 points or higher using criteria 1-3 listed above. In the event that there are two or more applicants with identical scores, the college math and science GPA will be used as a tiebreaker. In the event that the math and science scores are identical, the date of application for admission will then be used as the tiebreaker.

If admitted into the Dental Hygiene program, students must have the following official documents on file with the Director of Dental Hygiene prior to entering any DHY course:

1. Physical examination (form sent with acceptance letter)
2. Copies of all immunization records to include tetanus vaccination, MMR vaccination, DPT vaccination, Hepatitis B vaccination and Varicella vaccination (A copy obtained from the Health Department is acceptable).
3. Documentation of PPD (Tuberculin skin test) within the last 6 months

*NOTE: A criminal background check may be required prior to certain clinical rotations. Arrest or conviction of a misdemeanor (excluding minor traffic violations) or arrest or conviction of a felony could make a student ineligible to take the licensing exam(s) required by the profession. Early notification to the appropriate board is required.

READMISSION TO THE DENTAL HYGIENE PROGRAM

Students dropped from any Dental Hygiene course for attendance (i.e., maternity, health related, family illness, personal difficulties), academic reasons, or students who have made less than a "C" in a Dental Hygiene course will be not be allowed to remain in the dental hygiene program. Students have the option of reapplying to the program the following year. Reentry to the program will be granted on a competitive and space-available basis, whereas all criteria apply as described in the admission criteria section listed above. Due to the intense nature of Dental Hygiene courses, reentry students must take the final exam for all previously taken didactic courses and score a "C" or higher. There will be no reentry credit for courses that are over two years old. Clinical skills competency for reentry students will be determined by the Dental Hygiene program faculty.

MGTC Dental Hygiene Curriculum Outline

JUNIOR

SENIOR

	DHY 100 Tooth Anatomy	3 (4)
Fall	DHY 106 Intro D.Hygiene	1 (3)
	DHY 101 Embryology	2 (2)
	DHY 113 Microbiology	5 (7)
	DHY 102 Head & Neck Anat.	3 (3)
		14 (19)

<i>PSY 1101 Psychology</i>	5 (5)
DHY 208 Clinic III Lecture	2 (2)
DHY 209 Clinic Lab III	4 (12)
DHY 251 Board Review II	2 (2)
	13 (21)

	DHY 107 Radiology Lecture	3 (3)
Winter	DHY 109 Radiology Lab	1 (3)
	DHY 205 Oral Pathology	4 (4)
	DHY 104 Preclinic Lecture	2 (2)
	DHY 105 Preclinic Lab	2 (6)
		12 (18)

<i>SPC 1101 Fund. of Speech or ENG1105 Technical Communications</i>	5 (5)
DHY 252 Board Review III	2 (2)
DHY 213 Clinic IV Lecture	2 (2)
DHY 214 Clinic IV Lab	4 (12)
DHY 207 Commun. Lecture	2 (2)
	15 (23)

	<i>SCT 100 Micro Computers</i>	3 (5)
Spring	DHY 103 Materials Lecture	3 (4)
	DHY 110 Clinic I Lecture	2 (2)
	DHY 111 Clinic I Lab	3 (9)
	DHY 206 Pharmacology	4 (4)
		15 (24)

<i>SOC 1101 Sociology</i>	5 (5)
DHY 220 Clinic Lecture V	2 (2)
DHY 221 Clinic V Lab	4 (12)
DHY 207 Commun. Lab	2 (4)
	13 (23)

	DHY 250 Board Review I	2 (2)
Summer	DHY 200 Periodontology	4 (4)
	DHY 211 Biochemistry/ Nutrition	3 (3)
	DHY 201 Clinic II Lecture	2 (2)
	DHY 202 Clinic II Lab	4 (12)
		15 (26)

AHS 104 (5 weeks) 3 (3)
(incoming students only)

**Essential General Core Courses
(must be taken prior to admission)**

ENG 1101	Composition I (5)
ENG 1102	Composition II (5)
MAT 1111	Coll. Algebra (5)
CHM 1111	Chemistry (5)
BIO 2113	Anat & Phys I (5)
BIO 2114	Anat & Phys II (5)

30 credit hrs

AHS 104 (hybrid) is offered Summer Quarter and must be taken prior to entry in the dental hygiene program

30 core credit hours + 99 dental hygiene program credit hours = **130 Total credit hours**

Credit Hours: Students are advised that clinic contact hours equate to approximately 12 hours per week, but the credit hours do not reflect the number of hours scheduled for patient experiences. Students should also be advised that if they elect to take the additional core courses as prerequisites and not follow the suggested curriculum sequence, they may have additional quarters that do not contain enough credit hours to be considered full time for some financial aid and health insurance.

MIDDLE GEORGIA TECHNICAL COLLEGE
DEPARTMENT OF DENTAL HYGIENE
ESTIMATED EXPENSES

Junior

Fall Quarter:

Books*	\$ 324.00
SADHA dues	0 (paid by Student Council)
Physical Exam	\$60.00 (approximately)
Immunizations	\$207.00 (Health Dept)
	(Hep B-\$70, TB-\$20, Tetanus-\$15, Varicella-\$102)
TOTAL:	\$591.00***

Winter Quarter:

Books*	\$368.00
Drug Screen**	\$ 44.00 (Health Dept)
Instruments	\$200.00
Scrubs (per set)	\$ 25.00
Dosimeter fee	\$ 15.00
Lab Coat	\$ 17.00
Shoes	\$45.00-65.00
Supplies for clinic	\$150.00
Supplies for radiology	\$110.00
TOTAL:	\$994.00***

Spring Quarter:

Books*	\$270.00
Dosimeter fee	\$ 15.00
Gloves and mask	\$ 50.00
TOTAL:	\$335.00***

Summer Quarter:

Books*	\$166.00
Dosimeter Fee	\$ 15.00
Gloves and mask	\$ 50.00
TOTAL :	\$231.00***

****Estimated book expenses reflect Dental Hygiene books only.***

*****Drug Screening is required prior to first patient care experience***

******Fee estimates are unique to the Middle Georgia Technical College Dental Hygiene Program and are in addition to Middle Georgia Technical College tuition and fees.***

Senior

Fall Quarter:

SADHA dues	\$ 0	(paid by Student Council)
Ultrasonic Inserts	\$321.00	
Scrubs (per set)	\$ 25.00	
Dosimeter Fee	\$ 15.00	
Gloves and mask	\$ 50.00	

TOTAL: \$411.00***

Winter Quarter:

Books*	\$ 43.00	
Instruments (Senior Kit)	\$230.00	
Online board review course	\$ 20.00	
Gloves and mask	\$ 50.00	
Dosimeter Fee	\$ 15.00	

TOTAL: \$ 358.00***

Spring Quarter:

Books*	\$40.00	
Gloves and mask	\$50.00	
National Board Examination	\$285.00	
Clinical Examination	\$860.00	
Supplies/site fee for clinical boards	\$250.00	
Ga. License Fee	\$50.00	
Dosimeter Fee	\$15.00	

TOTAL: \$1,550.00***

TOTAL FOR PROGRAM: \$ 4,470.00***

****Estimated book expenses reflect Dental Hygiene books only.***

*****Drug Screening is required prior to first patient care experience***

******Fee estimates are unique to the Middle Georgia Technical College Dental Hygiene Program and are in addition to Middle Georgia Technical College tuition and fees.***

(Note: There will also be transportation expenses during the senior fall/winter/spring quarter rotations.)

ALL PRICES ARE ESTIMATES AND ARE SUBJECT TO CHANGE.

FREQUENTLY ASKED QUESTIONS – DENTAL HYGIENE

What is a Dental Hygienist?

A dental hygienist is a licensed healthcare professional that provides preventive, educational, and therapeutic services supporting total health for the control of oral diseases and the promotion of oral health. They inspect the mouth and remove deposits and stains from teeth. They obtain and process dental x-rays, counsel patients in dental health care and work as a member of the dental team.

Where do they work?

Dental hygienists are employed in general and specialty dental practices, programs for research, professional education, community health, and hospital and institutional care of disabled persons, as well as federal programs, the armed services, and dental product promotion.

What training is involved?

Middle Georgia Technical College accepts dental hygiene students once a year. To begin the program, students must complete six specific core courses at an accredited college or university: ENG 1101; ENG 1102; MAT 1111 (College Algebra or Math Modeling); CHM 1111; BIO 2113 and BIO 2114 (Anatomy & Physiology I & II). Middle Georgia Tech accepts new students into the Dental Hygiene Program every quarter to begin the required essential core courses. All core coursework must be successfully completed prior to acceptance into the program. Students who are selected will complete seven quarters of occupational courses at Middle Georgia Technical College.

Exactly what will I study during this program?

Following successful completion of the six specific core courses and admission to the Dental Hygiene Program, students study Essential Fundamental Occupational Courses and Specific Occupational Courses such as Radiology, Head and Neck Anatomy, Oral Pathology, and Clinical Dental Hygiene. Students have the option of completing PSY 1101, SOC 1101, SPC 1101 (or ENG 1105-Technical Communications) and SCT 100 prior to admission if they wish.

What happens after I finish the Dental Hygiene Program?

Students who complete the Program earn a Dental Hygiene Associate Degree of Applied Science. Dental Hygienists are licensed professionals and are required to successfully complete the National Board Dental Hygiene Examination and a Regional or State License Examination. In the state of Georgia, students are required to pass the ADHLEX National Examination for Licensure. Passing the ADHLEX exam will allow the student to practice in one of forty-four states in the United States of his/her choice.

What will I earn as a Dental Hygienist?

Current salaries for entry-level positions vary depending on the responsibilities associated with the specific position, the **geographic location**, and the type of practice or other setting in which the hygienist works. According to Salary.com, the median annual salary for a dental hygienist in the United States was \$64,910 in 2008. The American Dental Association reported that hygienists who worked part-time averaged \$30.01 per hour. Salary is influenced by employer size, location, industry, employee credentials and years of experience.

Why should I choose MGTC?

Middle Georgia Technical College's Dental Hygiene program offers state-of-the-art equipment for laboratory studies and advanced facilities for clinical training. Our on-site dental hygiene clinic has advanced computer equipment to prepare students for all phases of modern dentistry including digital radiography. MGTC faculty are well-trained and involved in local, state, and national healthcare organizations. Students benefit from the close interaction with dental faculty and low faculty-to-student ratio. The HOPE Scholarship allows MGTC to offer students superb educational opportunities without the high cost associated with post-secondary education.

DENTAL HYGIENE PHYSICAL AND MENTAL PERFORMANCE REQUIREMENTS

The dental hygiene curriculum leading to an Associate of Applied Science degree requires students to engage in diverse, complex, and specific experiences essential to the acquisition of essential dental hygiene skills. Unique combinations of cognitive, affective, psychomotor, physical, and social abilities are required to satisfactorily perform these functions. In addition to being essential in the successful completion of the requirements of an Associate of Applied Science degree in dental hygiene, these functions are necessary to ensure the health and safety of patients, fellow candidates, faculty, and other healthcare providers. The essential qualifications that students must demonstrate include but are not limited to the following:

- Students must have the **intellectual, conceptual and critical thinking abilities** to access, analyze, reason and synthesize data in order to draw sound conclusions and make clinical decisions. Students must be able to problem solve as well as obtain, interpret, and document information.
- Students must have effective **oral and written communication skills** in order to accurately transmit information appropriate to the ability of patients, colleagues, and other healthcare workers. Students must be able to read and write legibly in English with proper spelling of medical and dental terms.
- Students must have **gross and fine motor skills** sufficient to lift and operate equipment and provide safe and effective dental hygiene care. Students must be able to reach and adjust the x-ray tube which is at a height of 52-60 inches from the floor. Students must assist or move patients from wheelchairs, when necessary, into the dental chair using proper body mechanics. Students must also have the motor skills necessary to perform basic life support and first aid in event of an emergency situation.
- Students must have **interpersonal skills** such that they are capable of interacting with individuals, families, and groups from a variety of social, economic, and ethnic backgrounds.
- Students must have the **physical mobility** necessary to move from place to place in small spaces as well as full range of motion, manual, and finger dexterity.
- Students must have **physical endurance** that enables them to stay on task for a prolonged period while sitting, standing, or moving.
- Students must have the **visual and perceptual abilities** sufficient for observation of patients, oral conditions, and assessment. Students must have the ability to discriminate between subtle changes in oral conditions clinically and radiographically. Students must possess a high degree of hand-eye coordination.
- Students' **auditory ability and other sensory skills** must be sufficient to monitor and assess the health needs and diagnose the oral conditions of patients as well as maintain patient safety.
- Students' **tactile sensitivity** must be sufficient for the use of detection, light pressure, and control when using small instruments in the oral cavity.
- Students must demonstrate **professional attitudes and behaviors**. Students must be able to use reasonable judgment under stressful conditions that impact

patient care. Students must be able to tolerate taxing workloads, function effectively under stress and time constraints, adapt to changing environments, display flexibility, and learn to function in the face of uncertainties inherent in clinical problems of many patients. Students must be able to work independently as a member of a team to maintain the highest ethical standards in relation to quality care. Students must possess attributes such as compassion, empathy, altruism, integrity, honesty, responsibility, and tolerance. Students must be able to present a professional appearance, maintain personal health, and be emotionally stable. Students must display excellent oral hygiene and dental health reflective upon the chosen profession of dentistry.

If a student does not meet the essential qualifications of the dental hygiene program, he/she may be dismissed from the program.

Incoming students must provide documentation of a physical exam within the last 12 months prior to entrance into the Dental Hygiene Program and documentation proving the following current immunizations: Measles, Mumps, Rubella, Tetanus, Varicella, and Diphtheria. A negative PPD (Tuberculin skin test) is also required prior to entrance into the program.

It is highly suggested that incoming students begin the Hepatitis B immunization series immediately upon acceptance into the Dental Hygiene Program, or provide proof of immunization against Hepatitis B. Any student declining vaccination will be counseled on the benefits and safety of the vaccine and must sign a Hepatitis B Vaccine Declination form.

Dental Hygiene students perform Category I & II tasks: "All tasks/procedures/activities where there is the definite potential for contact with blood, other potentially infectious body materials or airborne pathogens." These tasks include: exposure to blood/fluids, handling contaminated sharps, cleaning contaminated equipment, suctioning of oral cavity, sterilizing contaminated instruments, and general chairside procedures.

NOTE: It has been determined that radiation exposure to an unborn fetus can be harmful. If you are pregnant, think that you may be pregnant, or are trying to become pregnant; you should notify the instructor or program chairperson as soon as possible. Students are required to work in radiation areas during all of the clinical rotations. All students must wear film badges (dosimeters) at all times while working in the dental hygiene clinic.

PSB – Health Occupational Aptitude Examination

**To register to take the PSB Test (\$20),
call the Testing Office at (478)988-6800 x5017**

INTRODUCTION

The Psychological Services Bureau (PSB) Health Occupational Aptitude Examination is an aptitude examination designed to measure a combination of abilities and characteristics essential for successful completion of the Dental Hygiene Program. **Students requiring accommodations must request those accommodations before attempting the PSB exam.** The exam consists of a battery of five timed tests which have been developed specifically for use by all allied health occupations education programs in admission, placement, and guidance procedures. The five tests include:

Academic Aptitude

This section of the examination is a test which provides the means for appraising an individual's capability to learn. It assesses the combination of inherent and acquired abilities needed for mastering scholastic work. It measures an applicant's strengths and weaknesses in three school-related abilities which are fundamental to learning: verbal, quantitative, and non-verbal skills. The Academic Aptitude test is a multiple factor test. It measures facility with verbal material, mathematics that deal with numbers, and manipulating spatial relationships. It also measures the applicant's ability to work accurately with some degree of speed.
(90 questions/45 minutes)

Spelling

The spelling test measures spelling skills, a tool essential to written expression and communication. In the allied health professions, the written statement or expression will often assume more importance and take precedence over oral forms of communication information. The allied health education programs student will also have occasions when the exchange of ideas and opinions will be required in writing. The spelling test findings also reflect an examinee's educational achievement background in at least one of the basic tools of learning.
(60 words/15 minutes)

Reading Comprehension

Reading Comprehension tests students' ability to understand what they read. It provides measurement in eight comprehension skills: main thought, details, inferences, meaning of words from context, reading to retain information, organization, evaluation, interpretation, and appreciation. Passages are not limited to any specific subject matter area, but rather are varied for an adequate representation of textbook materials in a number of areas.
(50 questions/30 minutes)

Information in the Natural Sciences

Measurement accomplished with the Information in the Natural Sciences test is concerned with the examinee's accumulation of information in the natural sciences. Some of the branches of sciences included are: biology, microbiology, chemistry, physics, pharmacology, anatomy, physiology, health and safety. A pattern of knowledge in this area can be related to and predictive of success in the allied health educational and occupational fields.
(90 questions/30 minutes)

Vocational Adjustment Index

This part of the test is an inventory of an individual's feelings, attitudes, and opinions. It is designed to assist in placing the examinee in a work situation where he/she will find satisfaction. Knowledge of various significant personality attributes is an important variable in assessing the qualifications necessary to successfully complete the education and training program. Feelings, attitudes, and opinions frequently determine success or failure. The index yields a composite estimate of the individual's typical coping and adapting behavior.
(90 statements/15 minutes)

ONLINE PSB TEST WORKSHOP

Cape Fear Community College (CFCC) in North Carolina has developed an online workshop to prepare for the PSB test.

1. Go to www.cfcc.edu
2. Click on the "Admissions" link
3. Under the Admissions link, click on "Testing Services"
4. Under Testing, select "General Information about the Psychological Services Bureau (PSB) Test"
5. Under PSB Information, look for the link "online practice application"
6. There is a sign-on and this is what you are to use:

(The sign-on is case sensitive, so make sure you sign in EXACTLY as you see it below)

USER ID: PSBtest

PASSWORD: student1

Another resource recommended by the developers of the PSB test:

Nursing School and Allied Health Entrance Exams

(Arco Academic Test Preparation) by Arco, Marion F. Gooding

Dental Hygiene Applicant Shadowing Form

Applicant Name: _____

Address: _____

SHADOWING VERIFICATION

The applicant named above completed _____ hours of observation in this office on _____ date(s).

List the type of procedures observed:

Comments (optional):

Dental Hygienist(s) Observed: _____

Dental Hygienist(s) Signature(s): _____

Office Address: _____

Office Telephone: _____