

Pre-Nursing

Curriculum Plan 2022-2023

Area of Concentration: JM

CTSO: HOSA

Program Courses

EMIS Course Code	Course Name	Grade	Is this course a CTAG?
072001	Health Science Technology	10	No
072035	Principles of Allied Health	11	No
072150	Medical Terminology	11	Yes
072050	Patient Centered Care	12	No
072100	Clinical Laboratory Techniques	12	Yes
072105	Health Science Capstone	12	No

Industry Credentials/Certifications

Industry Credentials Offered	ODE Points Available	Completed during Grade
STNA	12	12
CPR/First Aid	1	12

College Credit Opportunities

Course Name	College	Credit Hours	Completed during Grade
CTMLT001 Clinical Laboratory Techniques	CTAG	2-3	12
CTMT001 Medical Terminology	CTAG	3	11
ALH 1101 Intro to Healthcare Delivery	Sinclair Community College	2	12
ALH 1130 Basic Life Support Training for Healthcare Provider	Sinclair Community College	1	12
ALH 1120 Nurse Aide Training	Sinclair Community College	4	12
MAT 1130 Mathematics in Health Sciences	Sinclair Community College	3	12

Work-Based Learning Opportunities

Clinical Internship for STNA	On the job placement opportunities
Community service	CTSO competitions

Tasks

- Adjust positions of patients on beds or tables.
- Feed patients.
- Record vital statistics or other health information.
- Hold patients to ensure proper positioning or safety.
- Assist patients with daily activities.
- Monitor patients to detect health problems.
- Analyze patient data to determine patient needs or treatment goals.
- Assess physical conditions of patients to aid in diagnosis or treatment.
- Dispose of biomedical waste in accordance with standards.
- Interview patients to gather medical information.
- Prepare medical instruments or equipment for use.
- Collect medical information from patients, family members, or other medical professionals.
- Clean patient rooms or patient treatment rooms.
- Administer therapy treatments to patients using hands or physical treatment aids.
- Stock medical or patient care supplies.
- Assist practitioners to perform medical procedures.
- Operate medical equipment.
- Administer basic health care or medical treatments.
- Give medications or immunizations.
- Apply bandages, dressings, or splints.

- Move patients to or from treatment areas.
- Collect biological specimens from patients.
- Explain technical medical information to patients.
- Transport biological or other medical materials.
- Provide basic information to guests, visitors, or clients.

PRE-NURSING Program of Study

Aligned with Sinclair – Nursing NUR.S.AAS

Secondary	9	English 9	Algebra I or Geometry	Physical Science	World History	PE/PE	Health/ Career Exploration	Elective
	10	English 10	Geometry or Algebra II	Biology	U.S. History	Elective	Health Science Technology 072001	
	11	English 11	Algebra II or Pre-Calculus	Chemistry or Environmental Science	American Govt	Elective	Principles of Allied Health 072035	Medical Terminology 072150
	12	English 12	Adv Math	Elective	Elective	Elective	Patient Centered Care 072050	Clinical Lab Techniques 072100 Health Science Capstone 0721058

Post-Secondary	Program Pre-Requisites	BIO 1141 Principles of Anatomy & Physiology I	BIO 1147 Lab for Principles Anatomy Physiology I	NSG 1200 Intro to Nursing	ALH 1101 Intro to Healthcare Delivery	ENG 1101 English Comp I	MAT 1130 Math in Health Sciences
	Fall Year 1	NSG 1400 Health & Illness I	NSG 1450 Prof Nursing I		BIO 1242 Principles of Anatomy and Physiology II	BIO 1248 Lab for Principles of Anatomy and Physiology II	ALH 2202 General Pharmacology
	Spring Year 1	NSG 1600 Health and Illness II		NSG 1650 Prof Nursing II		COM 2206 Interpersonal Communication	
	Fall Year 2	NSG 2400 Health & Illness III	NSG 2450 Pro Nursing III		CHE 1111 Intro to Chemistry I		CHE 1151 Lab for Intro to Chemistry I
	Spring Year 2	NSG 2600 Concept Synthesis				PSY 1100 General Psychology	

Key	Required Course	Recommended Elective Courses	High School Career-Technical Courses Bold =College Credit Opportunity
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Dayton Public Schools does not discriminate on the basis of race, color, national origin, sex, disability, or age for participation in any program or activity. Lack of English language proficiency will not be a barrier to admission and participation in career-technical education programs.