

Practicum in Health Science

Scope and Sequence

Endorsement: Public Service

Cluster: Health Science

Meets advanced course requirement? YES ▾

Program of Study: Diagnostic & Therapeutic Services

Meets foundation requirement for math, science, fine arts, English, LOTE? NO ▾

Course Description:

While earlier courses in health science provide students with an overview of the healthcare industry, this course allows students to select and pursue a specialization. Students will have the opportunity to gain knowledge and develop advanced clinical skills needed for a specific certification or licensure in an allied health career such as Pharmacy Technician, Certified Nursing Aide (CNA), Registered Dental Assistant, or Patient Care Technician. Because training requirements vary by specialization, a declaration of interest process is required to determine the most appropriate method(s) of instruction. These may include classes on a college campus, pre-employment labs in the classroom, clinical internships or employment (work-study), or a combination. Lab supply fee.

TEKS:

- 2 credits
- Grades 12
- Lab supplies or fee may be required
- Required prerequisites: Principles of Health Science and one health science related course
- Recommended prerequisites: Medical Terminology

Industry Certification/Credential: Cert Nursing Assistant or Registered Dental Assistant or Pharmacy Technician or Patient Care Technician

TEA recognized IBC (to count toward program of study completion)? YES ▾

Instructional Units	Grading Period
Certified Nurse Aide, Pharmacy Technician, Patient Care Technician, and Registered Dental Assistant curriculum is aligned to content leading to certification in these areas. The following is for non-certification programs (Work Study): ● Employability Skills Unit (All programs will receive this unit) ● Preparation for Practicum - Infection control and safety; Basic Life Support (BLS) CPR; Occupational Safety and Health Administration certification(OSHA). (All programs will receive this unit.) ● Multi-Competent Health Care Worker ● Career Prep: Portfolio Project – Year-Long Culminating Project. ○ Academic Requirement Research - ● Career Pathways ○ Career Pathway research ■ College Research	N1/N2 (fall)

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■ Presentations ● Communication ○ Advanced Human Relations ○ Communication Barriers ○ Patient Education ○ Technical Writing ● Teamwork/Team building ○ Project Management ○ Service Learning ○ Community Service Project Idea ○ Team Teaching	
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| <ul style="list-style-type: none">● Basic Life Support (BLS) CPR (Test - within the first month of the semester enrolled)● Occupational Safety and Health Administration certification (OSHA) (Test - within the first month of the semester enrolled)● Certified Nurse Aide (Test - end of semester in which enrolled)● Pharmacy Technician - (Test - late April, early May)● Patient Care Technician - (Test - end of semester in which enrolled)● Registered Dental Assistant - (Test - late April, early May) | |
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Primary Instructional Materials:

Certified Nursing Aide (CNA) will refer to Lone Star College course requirements

Pharmacy Technicians use an online curriculum, PharmaSeer from the National Healthcare Association, in addition to

- Clinical Rotations, 2nd Edition by Lois Thomson and Cathy Trocquet. Cengage Learning 2014 ISBN 9781111640507
- Diversified Health Occupations, 9th Edition by Simmers, Simmers-Nartker, Simmers-Kobelak. Cengage Learning 2022, ISBN: 9780357419991
 - <https://www.cengage.com/>
- Pharmacy Technician, Principles and Practice, Mosby
- Complete Math Review for the Pharmacy Technician, William Hopkins, Jr
- iCEV
- Career Safe
- American Heart Association (AHA)

Patient Care Technicians use an online curriculum, PCT Skillbuilder Plus from the National Healthcare Association, in addition to

- Clinical Rotations, 2nd Edition by Lois Thomson and Cathy Trocquet. Cengage Learning 2014 ISBN 9781111640507
- Diversified Health Occupations, 9th Edition by Simmers, Simmers-Nartker, Simmers-Kobelak. Cengage Learning 2022, ISBN: 9780357419991
 - <https://www.cengage.com/>
- iCEV
- Career Safe
- American Heart Association (AHA)

Registered Dental Assistants use an online curriculum,

- RDA Prep (online curriculum)
- Essentials of Dental Assisting, 6th Edition, by Debbie Robinson and Doni Bird. Saunders 2016. ISBN: 323400647 (optional - not required)
- Modern Dental Assisting, 12th Edition, by Debbie Robinson and Doni Bird. Saunders 2017. ISBN: 9780323430302 (optional - not required)

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- Career Safe
- American Heart Association (AHA)

Work Study

- Today's Health Professions: Working Together to Provide Quality Care, Patricia Lockamy Royal
- Clinical Rotations, 2nd Edition by Lois Thomson and Cathy Trocquet. Cengage Learning 2014 ISBN 9781111640507
- Diversified Health Occupations, 9th Edition by Simmers, Simmers-Nartker, Simmers-Kobelak. Cengage Learning 2022, ISBN: 9780357419991
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- iCEV
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