# MOUNTLAKE TERRACE HIGH SCHOOL CAREER AND TECHNICAL EDUCATION (CTE) PATHWAYS AND COURSES 25-26

Career and Technical Education (CTE) classes are part of general graduation requirements and allow students to explore and develop their interests and passions. These classes provide hands-on learning opportunities, skills and training needed for success in both college and career. Most CTE courses offer college credit and/or advanced placement into college certificate and degree programs. Many CTE courses may also be used as equivalency credit to meet other graduation requirements including English, Math, Science, Health, PE and Art.

Students can choose to meet their state Graduation Pathway requirements in Math and English/Language Arts by completing 2 credits of courses within an approved CTE Pathway which supports the student's post-high school goals and interests. **The following are approved CTE Pathway options and courses for students at Mountlake Terrace High School:**

Aerospace Manufacturing Pathway
IAR121/122 Manufacturing Innovations (1.0 cr.)
VOC147/148 Applied Engineering/Manuf. (2.0 cr.)^

Architectural Design/CAD Pathway
VOC111/112 Design/CAD 1 & 2 (2.0 cr.)^
VOC211/212 Green Building Design (2.0 cr.)^

ASL/Sign Language Interpreter Pathway
FLA101/102 ASL 1 (1.0 cr.)
FLA201/202 ASL 2 (1.0 cr.)
FLA301/302 ASL 3 (1.0 cr.)
FLA401/402 ASL 4 (1.0 cr.)

Automotive Technology Pathway
VOC327/328 Auto Technology (2.0 cr.)^
VOC336/337 Auto Technology, Advanced (2.0 cr.)^

Biotechnology Pathway
SCI424/425 Biotechnology (1.0 cr.)
SCI408/409 Anatomy/Physiology (1.0 cr.)
PHE032/033 Sports Medicine (1.0 cr.)

Business, Marketing, and IT Pathway
BUS100 Accounting 1 (0.5 cr.)
BUS334 Business Law (0.5 cr.)
COM100 IT Academy 1 (0.5 cr.)
COM116 Digital Tools (0.5 cr.)
COM180 CS Foundations (0.5 cr.)
COM195/196 AP CS Principles (1.0 cr.)
COM206/207 AP Computer Science A (1.0 cr.)
COM200 IT Academy 2 (0.5 cr.)
MAR410 Marketing Essentials (0.5 cr.)
MAR460 Retail Store (0.5 cr.)
MAR465 Sports & Entertainment Marketing (0.5 cr.)
HEC315 Personal Finance (0.5 cr.)
MAT368/369 Financial Algebra/Business Math (1.0 cr.)

Carpentry and Construction Pathway
VOC615/616 Carpentry and Construction (2.0 cr.)^
VOC638/639 Adv. Carpentry and Construction (2 0 cr.)^

Computer Science and Engineering Pathway
COM180 CS Foundations (0.5 cr.)
COM195/196 AP CS Principles (1.0 cr.)
COM206/207 AP Computer Science A (1.0 cr.)
IAR265 Robotics (0.5 cr.)
IAR115/116 Intro to Engineering Design (1.0 cr.)
IAR135/136 Principles of Engineering (1.0 cr.)
IAR267/268 Aerospace Engineering (1.0 cr.)
ENG416/417 English 12 STEM (1.0 cr.)

Culinary Arts Pathway
PHE301 CTE Health (0.5 cr.)
HEC450 Chef School 1 (0.5 cr.)
HEC457 Chef School 2 (0.5 cr.)
HEC458 Chef School 3 (0.5 cr.)
HEC315 Personal Finance (0.5 cr.)

Education and Human Services Pathway
*(Note: HEC470 Child Development is a required course for this Pathway)*
HEC355 Family Sociology (0.5 cr.)
HEC450 Chef School 1 (0.5 cr.)
HEC315 Personal Finance (0.5 cr.)
HEC470 Child Development (0.5 cr.)
HE301 CTE Health (0.5 cr.)
SOC583/584 AP Psychology (1 cr.)

Healthcare Professions Pathway
VOC056/057 Healthcare Professions (2 cr.)^

Sports Medicine Pathway
PHE032/033 Sports Medicine (1.0 cr.)
PHE040/041 Adv. Sports Med. (1.0 cr.)
PHE037/038 Field Experience (1.0 cr.)
SCI408/409 Anatomy/Physiology (1.0 cr.)
SCI424/425 Biotechnology (1.0 cr.)

Journalism Pathway (MTHS Only)
ENG518/519 Journalism (1.0 cr.)
ENG520/521 Advanced Journalism (1.0 cr.)
IAR768 Broadcast Journalism (0.5 cr.)
IAR769 Advanced Broadcast Journalism (0.5 cr.)

Visual Communications Pathway
ART430 Photo 1 (0.5 cr.)
ART427 Graphic Arts 1 (0.5 cr.)
ART428 Graphic Arts 2 (0.5 cr.) IAR618
Video Production (0.5 cr.)
IAR768 Broadcast Journalism (0.5 cr.)
IAR769 Advanced Broadcast Journalism (0.5 cr.)
ENG522 Film Analysis (0.5 cr.)

Sno-Isle Tech Skills Center
All programs qualify.

^ *Intra-District CTE Program*

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