

MTH111Z

Precalculus 1: Functions



Course Description:

A course primarily designed for students preparing for trigonometry or calculus. This course focuses on functions and their properties, including polynomial, rational, exponential, logarithmic, piecewise-defined, and inverse functions. These topics will be explored symbolically, numerically, and graphically in real-life applications and interpreted in context. This course emphasizes skill building, problem solving, modeling, reasoning, communication, connections with other disciplines, and the appropriate use of present-day technology. **Prerequisite:** Placement into WR115 and placement into MTH111Z

Credits: 4



SCIENCE, TECHNOLOGY, ENGINEERING & MATH PATHWAY

COMPUTER-AIDED DRAFTING (CAD) TRACK

- Architectural Drafting Certificate
- Computer-Assisted Drafting Certificate
- Computer-Assisted Drafting AAS Degree

COMPUTER INFORMATION SYSTEMS TRACK

- Computer Systems and Information Technology AAS Degree
- Cybersecurity AAS Degree

ELECTRONICS TRACK

- Electronics Certificate
- Computer Electronics AAS Degree
- Electronic Engineering Technician AAS Degree
- Industrial Electronics AAS Degree
- Process Control Technology AAS Degree
- Renewable Energy Management AAS Degree

WANT MORE INFO ON THIS PATHWAY? CONTACT US AT

COLLEGE CREDIT NOW@CHEMEKETA.EDU

503.399.5239



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AGRICULTURE, INDUSTRIAL TECHNOLOGY & SKILLED TRADES PATHWAY

AGRICULTURE TRACK

- Irrigation Technician Certificate
- Horticulture AS Degree (to OSU)
- Horticulture AAS Degree

AUTOMOTIVE & DIESEL TRACK

- Automotive Body Repair Certificate
- Diesel Technology AAS Degree
- Automotive Machining Certificate
- Automotive Technology AAS Degree
- Automotive Entry Level Technician Certificate

ROBOTICS TRACK

- Robotics AAS Degree

WELDING TRACK

- Welding Certificate
- Welding Fabrication AAS Degree

WINE STUDIES TRACK

- Vineyard Operations Certificate
- Vineyard Management AAS Degree
- Winemaking AAS Degree

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BUSINESS & HOSPITALITY PATHWAY

BUSINESS MANAGEMENT TRACK

- Procurement Management Certificate
- Procurement and Supply Chain Management AAS Degree

HOSPITALITY TRACK

- Hospitality and Tourism Management Certificate
- Hospitality and Tourism Management AAS Degree

OFFICE ADMINISTRATION AND TECHNOLOGY TRACK

- Business Technology Certificate
- Legal Administrative Professional Certificate
- Administrative Office Professional AAS Degree
- Medical Administrative Assistant AAS Degree

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EDUCATION AND SOCIAL SCIENCE PATHWAY

EARLY CHILDHOOD EDUCATION TRACK

- Early Childhood Education Certificate
- Early Childhood Education AAS Degree

EDUCATION TRACK

- Education Support Professional Certificate

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EMERGENCY SERVICES & PUBLIC SAFETY PATHWAY

BUILDING INSPECTION TRACK

- Building Inspection AAS Degree

CRIMINAL JUSTICE, CORRECTIONS & LAW ENFORCEMENT TRACK

- Corrections AAS Degree
- Criminal Justice AAS Degree
- Law Enforcement AAS Degree

EMERGENCY MEDICAL TECHNICIAN TRACK

- Paramedicine AAS Degree

FIRE PROTECTION TRACK

- Fire Prevention AAS Degree
- Fire Suppression AAS Degree
- Fire Service Supervision and Management Certificate

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HEALTHWAY PROFESSIONS & WELLNESS PATHWAY

DENTAL TRACK

- Dental Assisting Certificate
- Dental Hygiene Degree (OIT @ Chemeketa)

MEDICAL ASSISTING TRACK

- Medical Assisting Certificate

NURSING TRACK

- Nursing AAS Degree

PHARMACY TECH TRACK

- Pharmacy Technician Certificate
- Pharmacy Management AAS Degree

SPEECH-LANGUAGE PATHOLOGY TRACK

- Speech-Language Pathology Assistant Certificate
- Speech-Language Pathology Assistant AAS Degree

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