

HVACR 107**Electrical Control Applications**

Prerequisite: None

2 lectures per week: 2 hrs credit

This course covers the practical study of electricity as it applies to the servicing and installation of refrigeration, air conditioning, and heating equipment, with emphasis on electrical safety, meters, and circuits.

HVACR 108**Advanced Controls**

Prerequisite: HVACR 107

2 lectures per week: 2 hrs credit

This course covers the installation, diagnosis and servicing of the electrical systems used in split residential and small commercial air conditioning, heating and refrigeration systems. Emphasis is placed on the advanced control system needed to achieve total comfort and safety.

HVACR 109**Installation and Service of HVACR Systems**

Prerequisite: HVACR 104, 105, 108

2 lectures per week: 2 hrs credit

This course covers the proper procedures used during the installation and servicing of residential and commercial air conditioning, heating, and refrigeration equipment. Emphasis is placed on weekly examinations on how to diagnose both electrical and mechanical service problems.

HVACR 110**Troubleshooting HVACR Systems**

Prerequisite: HVACR 104, 105, 108

2 lectures per week: 2 hrs credit

This course covers the systematic evaluation of air conditioning, heating, and refrigeration systems. Troubleshooting topics include system pressures, temperature, compressor efficiency, mechanical, and electrical components.

HVACR 112**Sheet Metal Layout and Fabrication**

Prerequisite: None

2 lectures per week: 2 hrs credit

This course covers the introduction to heating, ventilation, and air conditioning sheet metal duct systems. Basic fitting layout is covered. Emphasis is placed on various types of seams, edges, elbows, and ducts. Drawing and actual fabrication are done.

HVACR 114**Special Topics in HVACR**

Prerequisite: Instructor consent

2 lectures per week: 2 hrs credit (may be repeated for credit 3 times with different topics)

Topics pertaining to current and emerging technology in the heating, ventilation, air conditioning, and refrigeration industry are covered. Content and format of this course is variable and may be initiated by updates in technology in the HVACR field.

History**HIST 111 (IAI: S2 912N)****World History: Origins to 1714**

Prerequisite: Placement into ENG 099 or higher

3 lectures per week: 3 hrs credit

This course covers the political, social, and economic history of the world to 1714, including the origins and developments of its peoples and societies. Equal emphasis is placed on the development of Western and non-Western civilizations.

HIST 112 (IAI: S2 913 N)**World History: 1714 to Present**

Prerequisite: Placement into ENG 099 or higher

3 lectures per week: 3 hrs credit

This course covers the political, social, economic, and cultural history of the world including the origins and development of its peoples and societies from 1714 to the present. Equal emphasis is placed on the development of Western and non-Western civilizations.

HIST 115 (IAI: S2 906N)**African Civilizations I**

Prerequisite: Placement into ENG 099 or higher

3 lectures per week: 3 hrs credit

This course examines the roots of African civilizations, with a focus on the development of major African societies prior to the period of European imperialism.

HIST 116 (IAI: S2 907N)**African Civilizations II**

Prerequisite: Placement into ENG 099 or higher

3 lectures per week: 3 hrs credit

A continuation of HIST 115 with major emphasis on the development of modern African societies as they react to the twin forces of imperialism and nationalism.

HIST 140 (IAI: S2 910N)**History of Latin America**

Prerequisite: Placement into ENG 099 or higher

3 lectures per week: 3 hrs credit

Students study the growth and development of Hispanic America from the Age of Discovery to the present day. Special emphasis is placed on the success and failure of democratic procedures, and the relationship between Latin America and the United States. The influences of the Roman Catholic Church, the military, and the business community on the development of society and government are also described.

HIST 151 (IAI: S2 902)

History of Western Civilization I

Prerequisite: Placement into ENG 099 or higher

3 lectures per week: 3 hrs credit

This course examines the political, social, and economic history of the Western world, including the origins and development of cultures from human origins to the Age of Exploration.

HIST 152 (IAI: S2 903)

History of Western Civilization II

Prerequisite: Placement into ENG 099 or higher

3 lectures per week: 3 hrs credit

This course explores the political, social, cultural, and economic history of the Western world from the Age of Exploration to modern times.

HIST 201 (IAI: S2 900)

U.S. History: 1492 to 1877

Prerequisite: Placement into ENG 099 or higher

3 lectures per week: 3 hrs credit

This course is a study of the political, economic, and social factors in the growth of the United States from the Age of Discovery through the Civil War and Reconstruction.

HIST 202 (IAI: S2 901)

U.S. History: 1877 to Present

Prerequisite: Placement into ENG 099 or higher

3 lectures per week: 3 hrs credit

This course looks at the political, social, and economic history of the United States from 1877 to the present, including the development and origins of its peoples and society.

HIST 230

African American History

Prerequisite: Placement into ENG 099 or higher

3 lectures per week: 3 hrs credit

Designed to acquaint students with the African roots of the African American with emphasis on the transition of Blacks from African warrior to American slave.

Humanities

(See also Philosophy)

HUMAN 101 (IAI: H5 904N)

Comparative Religions

Prerequisite: Placement into ENG 099 or higher

3 lectures per week: 3 hrs credit

The goal of the course is to enhance the understanding of what religion is through a study of some of the forms it takes.

HUMAN 102 (IAI: H5 901)

Foundational Religious Texts

Prerequisite: Placement into ENG 099 or higher

3 lectures per week: 3 hrs credit

This is a humanistic study of one or more of the foundational documents of the world's religions such as the Hebrew Bible, the New Testament, the Qur'an, or the Vedas.

HUMAN 201 (IAI: H9 900)

Humanities Themes: Myth, Reason, and God

Prerequisite: Placement into ENG 099 or higher

3 lectures per week: 3 hrs credit

This course deepens students' understanding of their own moral, political, and religious beliefs through examining the major humanities themes in Greek and Hebrew texts basic to Western culture. Literary, historical, and philosophical perspectives are explored in readings which include Homer, Plato, and the Bible.

HUMAN 202 (IAI: HF 900)

Form and Structure in the Arts

Prerequisite: Placement into ENG 099 or higher

3 lectures per week: 3 hrs credit

Coursework is divided among literature, painting, and music. Emphasis is on formal structure of these works, and on analysis rather than appreciation.