

Course Descriptions

the art of this period. Includes lectures and class discussions.

ARTH 3070

Twentieth Century Art and Architectural History

3:3:0 On Sufficient Demand

•Prerequisite(s): (ARTH 2710 or ARTH 2720) or (HUM 2010 and HUM 2020)

For students interested in art history and the modern era. Studies leading artists, artworks, and movements. Explores the broad cultural, historical, and philosophical influences on modern and contemporary art and architecture. Includes lectures and class discussions on the modern and contemporary art and architecture.

ASL—AMERICAN SIGN LANGUAGE

ASL 1000

Introduction to the Deaf-World

3:3:0 F

Focuses on the nature, make up, and significance of the Deaf-World as a linguistic and cultural minority group. Gives significant attention to the different ways that deaf people form a minority group thereby adding diversity to society at large. Also addresses the diversity within the group and the sociological factors that affect its makeup. Introduces American Sign Language (ASL) and teaches some basic conversational skills. Gives special attention to the differences between the ways hearing and Deaf people construct meanings associated with deaf people. Taught in (or interpreted into) English.

ASL 1010

Beginning American Sign Language I

5:5:1 Su, F, Sp LH

Introduces American Sign Language (ASL) to students with no previous experience with ASL. Employs an immersion approach to language learning. Emphasizes basic expressive and receptive conversational skills. Includes introduction to American Deaf culture. Requires weekly lab.

ASL 1020

Beginning American Sign Language II

5:5:1 Su, F, Sp LH

•Prerequisite(s): Students should have equivalent knowledge of ASL 1010
Builds on the experiences in ASL 1010. Emphasizes basic expressive and receptive conversational skills through active student participation. Continues introduction to American Deaf culture. Employs an immersion approach to language learning. Requires a weekly lab.

ASL 1010

Intermediate American Sign Language I

5:5:1 Su, F, Sp LH

•Prerequisite(s): Students should have equivalent knowledge of ASL 1020

Reviews and builds upon the grammar and conversation skills learned in the first year courses. Concentrates on

understanding and acquiring more advanced conversational proficiency in ASL. Emphasizes the use of various kinds of ASL classifiers in the function of describing objects and in providing locative information. Analyzes Deaf culture with an emphasis on the struggles of this linguistic minority with a majority controlled educational establishment with particular attention to the effects on individual Deaf lives.

ASL 2020

Intermediate American Sign Language II

3:3:0 F, Sp HH

•Prerequisite(s): Students should have equivalent knowledge of ASL 2010

Continues applied conversation use of ASL through literature, narratives, poetry, and creative sign play. Analyzes ASL grammatical principles and Deaf cultural experiences to explore and understand various underlying metaphors found in ASL literature. Requires Deaf community exposure and involvement.

ASL 2030

Advanced Fingerspelling

1:1:0 On Sufficient Demand

•Prerequisite(s): ASL 1020

Focuses on the patterns of ASL fingerspelling, one of the hardest ASL skills to master. Designed to increase student's ability to accurately produce and comprehend ASL fingerspelling. Also gives attention to the nature and application of fingerspelling within the sociocultural context of the Deaf-World. Taught in ASL.

ASL 2040

ASL Numbers

1:1:0 On Sufficient Demand

•Prerequisite(s): ASL 1020

Focuses on the complex rule systems of ASL numbers, one of the hardest to learn elements of ASL. Designed to increase students' ability to accurately produce and comprehend ASL numbers. Taught in ASL.

ASL 2050

Advanced ASL Grammar

3:3:0 On Sufficient Demand

•Prerequisite(s): ASL 2020 or Instructor Approval

Explores the grammar of ASL focusing on areas typically difficult for English speakers. Provides extensive instruction and opportunity for students to improve both comprehension and production. Taught in ASL.

ASL 3050

Advanced American Sign Language

3:3:0 On Sufficient Demand

•Prerequisite(s): ASL 2020 or equivalent

Designed for non-native ASL users who have attained a fairly good mastery of basic ASL. Focuses on grammatical aspects of ASL, including sign formation, sentence forms, pronominalization, identifying subjects and objects, classifiers, pluralization, time concepts, locatives, and inflectional morphology. Includes

considerable study of the culture of Deaf people.

ASL 3310

Interpreting I

3:3:0 On Sufficient Demand

•Prerequisite(s): Any 3000 level ASL course

Introduces bidirectional (ASL-to-English and English-to-ASL) interpreting between Deaf and hearing people. Studies the profession and skills necessary to be an interpreter. Includes history, models, and professional certification procedures of interpreting; cognitive processes, physical and psychological factors, intercultural communication, ethics, and situational interpreting. Deaf students are encouraged to enroll.

ASL 3330

Cross-Cultural Communication and Interpreting

3:3:0 On Sufficient Demand

•Prerequisite(s): ASL 3310 and Instructor Approval

Builds on course ASL 3310. Focuses heavily on the practice of interpreting with special emphasis on the dimension of intercultural communication. Requires regular skill-building exercises in both consecutive and simultaneous interpretation, both English-to-ASL and ASL-to-English. Deaf students are encouraged to enroll. Taught in ASL.

ASL 3350

Consecutive Interpreting

3:3:1 On Sufficient Demand

•Prerequisite(s): ASL 3310 or Instructor Approval

Introduces students to skills and processes required to produce consecutive interpretations. Focuses on developing basic cognitive, semantic, and dual tasking abilities required to interpret rehearsed and/or spontaneous texts. Also teaches students to incorporate semantic choice, register, and ethical behavioral decisions and understand how they impact their interpretations. Develops sets of technical or field-specific signs and applying these to interpretative work. Includes one-hour per week lab. Taught in ASL.

ASL 3360

Simultaneous Interpreting

3:3:1 On Sufficient Demand

•Prerequisite(s): ASL 3350 or Instructor Approval

Introduces students to skills and processes required to produce simultaneous interpretations. Focuses on transitioning students from consecutive interpreting to time-limited simultaneous interpreting. Develops cognitive, semantic, and dual tasking abilities required to interpret spontaneous texts. Teaches and incorporates more advanced semantic choices and negotiation techniques, work with a variety of audience sizes and types. Helps students better understand how ethics impact behavioral decisions and interpretations. Gives more consideration to developing sets of technical or field-specific signs and applying these to

interpretative work. Includes one-hour per week lab. Taught in ASL.

ASL 3510
Deaf Culture to 1817

3:3:0 On Sufficient Demand
•Prerequisite(s): ASL 2020 or equivalent
Explores chronologically to 1817 the formation and treatment of the Deaf community and culture. Completers should acquire an understanding of the ethnic development and linguistic history of the Deaf. Presentations and class instruction conducted entirely in ASL.

ASL 3520
Deaf Culture 1817 to 1970

3:3:0 On Sufficient Demand
•Prerequisite(s): ASL 2020 or equivalent
Explores chronologically from 1817 to 1970 the evolution and treatment of the Deaf community and culture. Completers should acquire an understanding of the ethnic development and linguistic history of the Deaf. Presentations and class instruction conducted entirely in ASL.

ASL 3530
Deaf Culture from 1970

3:3:0 On Sufficient Demand
•Prerequisite(s): ASL 2020 or equivalent
Explores chronologically from 1970 to the present the evolution and treatment of the Deaf community and culture. Completers should acquire an understanding of the ethnic development and linguistic history of the Deaf. Presentations and class instruction conducted entirely in ASL.

ASL 3610
ASL Literature

3:3:0 On Sufficient Demand
•Prerequisite(s): ASL 2020 or equivalent
Explores chronologically representative ASL authors. Emphasizes literary analysis and criticism. Completers should develop knowledge of literary history, acquire skills in interpreting literary texts, and deepen understanding of ASL. Presentations and class instruction conducted entirely in ASL.

ASL 3800 **LH**
ASL Deaf Culture Studies

3:3:0 On Sufficient Demand
•Prerequisite(s): ASL 2020 or equivalent, or instructor consent.
Explores various aspects of American Deaf culture, including the identity of the Deaf community, causes and implications of deafness, and important contemporary Deaf issues such as the state of Deaf education and fundamental rights of Deaf people. Improves advanced conversational ASL through daily association with native Deaf signers.

ASL 4410
ASL Linguistics

3:3:0 On Sufficient Demand
•Prerequisite(s): ASL 3050
Introduces basics of linguistic properties of American Sign Language (ASL). Includes phonology, morphology, syntax, and

language in use. Encourages students to think critically about the structure of ASL and the claims researchers make about that structure. Taught entirely in ASL.

ASTR—ASTRONOMY

ASTR 290R

Independent Study
1 to 5:0 to 5:0 to 15 On Sufficient Demand
For students interested in advanced topics in astronomy and cosmology. Students may choose their own course of study under the guidance of an assigned faculty member.

ASTR 3050 (Cross-listed with: PHYS 3050)

Astrophysics
3:3:0 Sp
•Prerequisite(s): PHYS 2220, MATH 1220
Covers the physics of stars, star clusters, and galaxies. Treats in detail the current methods of astronomical data collection and analysis. Discusses the mathematics of the Theories of Relativity and its implications for the origin and structure of the Universe.

AUT—AUTOMOTIVE TECHNOLOGY

AUT 1000

Survey of Automotive Technology
2:2:0 F, Sp
An introductory course for those interested in Automotive Technology. Presents basic automotive repair lessons on ignition and fuel systems, brakes, CV joints, and emissions for state inspections. Discusses electrical accessories, computerized engine controls, and chassis components.

AUT 1110

Brakes and Wheels
4:2:6 F
For automotive majors and other interested community members. Covers the principles of automotive braking including hydraulic theory, diagnosis, and service of brake systems. Studies drum, disc, and power units. Includes wheel bearing adjustments, packing, and troubleshooting. Discusses tire construction including both lateral and radial run out and wheel balancing techniques. Covers acetylene and mig welding with emphasis on welding safety. Includes lab experience in all areas. Taught in a five week block.

AUT 1120

Manual Drive Trains and Safety
4:2:6 F
For automotive majors and other interested community members. Studies diagnosis and repair of manual transmissions including transaxles, differentials, drive shafts, and four wheel drive components. Discusses clutch theory with torque and gear application. Teaches general and trade oriented safety common to the

automotive trades. Stresses accident prevention for personal safety along with equipment safety. Includes lab experience. Taught in a five week block.

AUT 1130

Engine Repair†
4:3:5 F
For automotive majors and other interested community members. Studies construction, operation, and performances of various types of engines. Covers the theory of combustion, and characteristics of fuels, lubrication systems, cooling systems, timing, valves, and wear problems with all other parts of the engine. Includes lab experience.

AUT 113A

Engine Repair
2:1:3 F, Sp
For automotive majors and other interested community members. Studies construction, operation, and performance of various types of engines. Covers the theory of combustion, and characteristics of fuels, lubrication systems, cooling systems, timing valves, and wear problems with all other parts of the engine. Includes lab experience.

AUT 113B

Engine Repair
2:1:3 F, Sp
Designed for anyone interested in small-engine repair. Includes hands-on application with shop time. Offers practical information about small engines, theory, operations, and maintenance. Provides information, troubleshooting and service techniques for snowmobiles, 4-wheelers, personal watercraft, mowers, tillers, and other small engine applications.

AUT 1210

Suspension Steering and Air Conditioning
4:2:6 Sp
For automotive majors and other interested community members. Studies steering and suspension components. Teaches steering, gear, rack and pinion, conventional and Macpherson strut design. Includes steering geometry, and factor of tire wear. Presents different methods of front end alignment including computerized laser alignment. Studies troubleshooting and repair of heating and air conditioning system, includes A/C evacuation and seal replacement. Discusses electrical and service tools. Includes lab experience. Taught in a five week block.

AUT 1220

Automatic Transmissions and Transaxles
4:3:5 Sp
For automotive majors and other interested community members. Studies diagnosis, repair, and adjustment of most automatic transmissions and transaxles. Covers basic planetary gearing. Includes hydraulic theory, strategies for operation, and service