

## Occupational Studies – Associate in Applied Science (OCST.AAS)

This Associate of Applied Science is designed specifically for students who have completed an apprenticeship program and received a certificate of completion from the U.S. Department of Labor/Bureau of Apprenticeship and Training. Apprenticeship occupations accepted are carpenter, cement mason, structural draftsman, machine builder, machine repair and maintenance, millwright, wood model maker, mold maker (plaster and die cast), operating engineer, plumber, pipe fitter, tool and die maker. Other apprenticeship programs would need to be reviewed on a case-by-case for consideration by the lead faculty. The curriculum will provide students with a strong academic foundation and introduce them to new ideas in sustainability, business, entrepreneurship and computer systems.

*Minimum credits: 60*

*Minimum cumulative GPA: 2.0*

*Minimum grade in all courses: 2.0*

*Minimum Jackson College credits: 15*

### GENERAL EDUCATION REQUIREMENTS (20-23 CREDITS)

#### **GEO 1: Write clearly, concisely and intelligibly**

**Take the following:**

ENG 131 Writing Experience I

#### **GEO 2: Recognize the importance of equity and inclusion in a diverse society (3 credits)\*\***

**Choose one of the following:**

ANT 131 Cultural Anthropology

HIS 211 Minority Groups in America

PLS 262 International Relations

HUM 131 Cultural Connections

#### **GEO 3: Demonstrate computational skills and mathematical reasoning**

**Take the following:**

MAT 13 Quantitative Reasoning (or higher)

#### **GEO 4: Demonstrate scientific reasoning\*\***

**Choose one of the following:**

BIO 110 Introductory Biology

CEM 131 Fundamentals of Chemistry

GEL 109 Earth Science

NSC 131 Contemporary Science

PHY 131 Conceptual Physics

**GEO 5: Understand human behavior and social systems, and the principles which govern them\*\***

**Choose one of the following:**

ECN	231	Macroeconomics
ECN	232	Microeconomics
PLS	141	American National Government
PSY	140	Introduction to Psychology
SOC	231	Principles of Sociology

**GEO 6: Identify artistic, linguistic, and theoretical perspectives across the human experience**

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**Choose one of the following:**

ART	111	Art History: Prehistoric to 1400
ART	112	Art History: Renaissance to Present
MUS	131	Understanding Music
THR	116	Introduction to Theatre

**OCCUPATIONAL STUDIES ELECTIVE REQUIREMENTS (23 CREDITS)**

OCCUPATIONAL STUDIES APPRENTICESHIP CREDIT (14 - 45 CREDITS): Credit for completed apprenticeship will be assessed on the following formula: On-the-job training (OJT) will be credited at a rate of 1 college credit hour per 150 hours of OJT, and then rounded up to the nearest whole number. Related training and instruction (RTI) will be credited at a rate of 1 college credit hour per 15 classroom hours of RTI, rounded up to the nearest whole credit hour. The maximum amount of credit awarded between RTI and OJT courses will be 45 credit hours. Example: An apprentice completes 1600 hours of OJT and 400 hours of RTI.  $1600 \text{ hours of OJT} / 150 = 10.67$ , which rounds up to 11 credit hours  $400 \text{ hours of RTI} / 15 = 26.67$ , which rounds up to 27 credit hours In this scenario, 38 credit hours would be awarded since  $11 + 27 = 38$ .

Additional elective hours can be used from the following areas: Choose elective courses relevant to apprenticeship and career goals from among the following disciplines: ALT, BUA, CIS, CNS, CAD, EGY, ELT, MFG, NSC, STM, WLD. Other disciplines may be considered if deemed relevant and appropriate to the apprenticeship by faculty department chairs and program directors.

*\*\*We have listed the preferred course option(s) in this category, but other courses may be used to meet this requirement. Your student success navigator will assist you making the best course selection based on your schedule and interests. You can view the complete list of approved GEO courses in the [Jackson College Catalog](#) on pages 14-16.*