

# ACADEMIC BRIEFING

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This publication is to inform other colleges and universities as well as Oakton's stakeholders about pertinent course and curriculum revisions that are reflected in current catalog. Some of them may affect articulation.

*Note: unless otherwise stated, course and curriculum revisions and additions are effective Fall 2024.*

## Associate in Arts

### Curriculum revision

Associate in Arts (A.A.)

Change total semester credit hours for electives to 20-23

Change graduation requirements: A maximum of 12 credit hours in career and technical courses may be applied to the A.A. degree.

Total semester credit hours for the degree remain the same

## Associate in Fine Arts

### Curriculum revision

Associate in Fine Arts (A.F.A.) - Art

Add ART 238 to the list of electives (*effective Spring 2024*)

Total semester credit hours for the degree remain the same

## Associate in Science

### Curriculum revision

Associate in Science (A.S.)

General Education requirements: make MAT 250 a required course

Major requirements: eliminate CSC 170/CSC 172 course sequence

Total semester credit hours for the degree remain the same

## Accounting

### Curricula revisions

Accounting Associate A.A.S.

Add ACC 280 as a recommended elective course

Total semester credit hours for the degree remain the same

Accounting Associate Certificate

Add ACC 280 as a recommended elective course

Total semester credit hours for the certificate remain the same

Accounting Technology Certificate

Add ACC 280 to program requirements

Increase total semester credit hours for the certificate to 22

Professional Accounting – CPA Preparation Certificate

Add ACC 280 to program requirements

Increase total semester credit hours for the certificate to 37

## Automotive Technology

### Course additions

ATA 117 Introduction to Hybrid and Electric Vehicle Systems (*effective Spring 2024*)

ATA 217 Advanced Hybrid and Electrical Vehicle Systems (*effective Spring 2024*)

## Biology

### Course addition

BIO 115 Animals and Society (*effective Spring 2024*)

## Cancer Registry Management

### Curriculum revision

Cancer Registry Management Certificate

Decrease total semester credit hours for the certificate to 25

## Cardiac Sonography

### Course additions

CDS 100 Medical Terminology for the Cardiac Sonographer (*pending ICCB approval*)

CDS 101 Introduction to Sonography and Patient Care (*pending ICCB approval*)

CDS 102 Basic EKG for the Cardiac Sonographer (*pending ICCB approval*)

CDS 103 Anatomy and Physiology for the Cardiac Sonographer (*pending ICCB approval*)

CDS 104 Doppler Physics and Hemodynamics for the Cardiac Sonographer (*pending ICCB approval*)

CDS 105 Ultrasound Physics and Instrumentation I (*pending ICCB approval*)

CDS 106 Cardiac Sonography I (*pending ICCB approval*)

CDS 107 Cardiac Sonography Lab Practicum I (*pending ICCB approval*)

CDS 108 Cardiac Sonography Lab Practicum II (*pending ICCB approval*)

CDS 201 Ultrasound Physics and Instrumentation II (*pending ICCB approval*)

CDS 202 Cardiac Sonography Lab Practicum III (*pending ICCB approval*)

CDS 204 Cardiac Sonography II (*pending ICCB approval*)

CDS 205 Registry Review and Advancing Trends in Cardiac Sonography (*pending ICCB approval*)

CDS 206 Ultrasound Physics and Instrumentation Review (*pending ICCB approval*)

CDS 207 Pharmacology for the Cardiac Sonographer (*pending ICCB approval*)

CDS 208 Cardiac Sonography Clinical Externship I (*pending ICCB approval*)

CDS 209 Cardiac Sonography Clinical Externship II (*pending ICCB approval*)

### Curriculum addition

Cardiac Sonography A.A.S. (*pending ICCB and IBHE approval*)

## Chemistry

### Course revisions

CHM 101 Introductory Chemistry

Change prerequisite (*effective Spring 2024*)

CHM 105 Elements of Chemistry

Change prerequisite; add recommendation (*effective Spring 2024*)

CHM 122 General College Chemistry II

Change course description (*effective Spring 2024*)

## Computer Information Systems

### Course additions

CIS 106 Foundational AI (*effective Spring 2024*)

CIS 112 AI Ethics (*effective Summer 2024; pending ICCB approval*)  
CIS 119 Prompt Engineering (*effective Summer 2024; pending ICCB approval*)  
CIS 136 Project Management Fundamentals Using Agile Principles (*pending ICCB approval*)  
CIS 212 No Code Machine Learning (*pending ICCB approval*)  
CIS 270 Automated Testing and Deployment (*pending ICCB approval*)

## Course revisions

CIS 218 Linux Essentials  
Change course title, description and credit:lecture:lab ratio

CIS 228 Linux I  
Change course title, description and credit:lecture:lab ratio  
Add prerequisite; remove recommendation

CIS 238 Linux II  
Change course title, description and credit:lecture:lab ratio  
Add prerequisite; remove recommendation

## Curriculum addition

Essential Applications of AI Certificate (*pending ICCB approval*)

## Curriculum revisions

Linux Certificate  
Change program requirements  
Total semester credit hours for the certificate remain the same

Software Developer A.A.S.  
Change program title (was Computer Programmer A.A.S.)  
Change program requirements  
Decrease total semester credit hours for the degree to 61

Software Developer Certificate  
Change program title (was Computer Programmer Certificate)  
Change program requirements  
Increase total semester credit hours for the certificate to 42

## Computer Networking and Systems

### Course addition

CNS 218 Linux Essentials

### Course revisions

CNS 228 Linux I  
Change course title, description and credit:lecture:lab ratio  
Add prerequisite; remove recommendation

CNS 238 Linux II  
Change course title, description and credit:lecture:lab ratio  
Add prerequisite; remove recommendation

## Computer Science

### Course revisions

CSC 170 Introduction to Numerical Methods  
Change course prerequisite

CSC 180 Introduction to Artificial Intelligence  
Change course prerequisite

CSC 204 Computer Architecture and Organization  
Change course prerequisite

CSC 206 Software Cybersecurity

Change course prerequisite

CSC 208 Data Science  
Change course prerequisite

CSC 240 C++ Data Structures  
Change course description and prerequisite

CSC 241 Java Data Structures  
Change course description and prerequisite

CSC 242 Python Data Structures  
Change course description and prerequisite

CSC 255 Objects and Algorithms  
Change course description

## Course withdrawal

CSC 172 FORTRAN Programming for Engineers (*effective Spring 2024*)

## Early Childhood Education

### Course addition

ECE 230 Literacy Methods for Preschool - Second Grade

## Health Information Technology

### Course revision

HIT 202 Cancer Registry Clinical Practicum  
Change credit:lecture:lab ratio (*effective Summer 2024*)

## History

### Course withdrawal

HIS 139 History of the Non-Western World to 1900 (*effective Spring 2024*)  
HIS 223 Environmental History of the U.S. (*effective Spring 2024*)  
HIS 240 History of Illinois (*effective Spring 2024*)  
HIS 241 History of Chicagoland (*effective Spring 2024*)

## Law Enforcement and Criminal Justice

### Course revisions

LAE 221 Criminal Law  
Change course description

LAE 239 Forensics II  
Change course prerequisite

LAE 247 Advanced Commercial Drone Pilot  
Change course prerequisite

LAE 251 Law Enforcement and Criminal Justice Internship  
Change course title, description and credit:lecture:lab ratio

## Marketing

### Course revisions

MKT 115 Innovation in Business  
Change course title and description

MKT 215 Introduction to Advertising  
Change course title, description and recommendation (*effective Spring 2024*)

MKT 230 Consumer Behavior

Change course description and recommendation

MKT 236 Marketing Research

Change course description (*effective Summer 2024*)

MKT 266 Digital Marketing

Change course title, description and recommendation

MKT 275 Social Media Marketing

Change course title, description and recommendation

## Mathematics

### Course revisions

MAT 128 Foundations of Mathematics for Elementary Teachers I

Change course description (*effective Spring 2024*)

MAT 129 Foundations of Mathematics for Elementary Teachers II

Change course description (*effective Spring 2024*)

## Medical Assistant

### Curriculum revision

Medical Assistant Certificate

Change program requirements

Decrease total semester credit hours for the certificate to 17

## Medical Laboratory Technology

### Course withdrawal

MLT 125 Pharmacy Technician (*effective Spring 2024*)

MLT 251 Pharmacy Technician Internship (*effective Spring 2024*)

## Physics

### Course revision

PHY 101 Applied Physics

Change course prerequisite (*effective Spring 2024*)

PHY 223 Modern Physics

Change course description (*effective Summer 2024*)

## Political Science

### Course withdrawal

PSC 104 Illinois Government (*effective Spring 2024*)

## Psychology

### Course addition

PSY 112 Health Psychology

### Course revision

PSY 202 Social Psychology

Remove prerequisite; add recommendation

## Radiography

### Course additions

XRY 100 Introduction to Radiography and Patient Care (*pending ICCB approval*)

XRY 101 Radiographic Procedures I (*pending ICCB approval*)

XRY 102 Radiography Practicum I (*pending ICCB approval*)

XRY 103 Radiographic Imaging I (*pending ICCB approval*)

XRY 105 Radiography Practicum II (*pending ICCB approval*)

XRY 106 Radiographic Procedures II (*pending ICCB approval*)

XRY 108 Radiographic Imaging II (*pending ICCB approval*)

XRY 110 Radiography Practicum III (*pending ICCB approval*)

XRY 201 Radiography Practicum IV (*pending ICCB approval*)

XRY 202 Radiographic Imaging III (*pending ICCB approval*)

XRY 203 Advanced Imaging Procedures (*pending ICCB approval*)

XRY 204 Radiographic Image Analysis (*pending ICCB approval*)

XRY 205 Radiographic Pathology (*pending ICCB approval*)

XRY 206 Radiation Biology and Safety (*pending ICCB approval*)

XRY 207 ARRT Review (*pending ICCB approval*)

XRY 208 Radiography Practicum V (*pending ICCB approval*)

XRY 209 Radiography Practicum VI (*pending ICCB approval*)

### Curriculum addition

Radiography A.A.S. (*pending ICCB and IBHE approval*)

## Surgical Technology

### Course additions

SUR 101 Introduction to Surgical Technology (*pending ICCB approval*)

SUR 102 Surgical Procedures I (*pending ICCB approval*)

SUR 201 Surgical Procedures II (*pending ICCB approval*)

SUR 202 Surgical Technology Review I (*pending ICCB approval*)

SUR 203 Surgical Technology Review II (*pending ICCB approval*)

SUR 204 Surgical Technology Clinical Externship I (*pending ICCB approval*)

SUR 205 Surgical Technology Clinical Externship II (*pending ICCB approval*)

### Curriculum addition

Surgical Technology A.A.S. (*pending ICCB and IBHE approval*)