# Curriculum Council
## Minutes
### Thursday, October 24, 2024

**Voting Members Present:**
Divya Ajinth, Alfonso Alanis, Dr. David Barreto, Spencer Brayton, Robert Cofield, Dani Fischer, Teri Fuller, Sharon Garcia, Lisa Giese, Dr. Kathleen Gorski, Elior Iseli, Todd Laufenberg, Laura Meredith, Donna Mikrut, Jessica Moreno, Eamon Newman, Dr. Diane Nyhammer, Patricia Saccone, Reshmi Sen, Ne'Keisha Stepney, Jo Lynn Theobald

**Voting Members Absent:**
Dr. Mary Beth Hutches.

**Ex-Officio Members Present:**
Kristine Cesario-Price, Laura Cronan, Dr. Dan McDonnell, Dr. Stacey Randall, Dr. Lisa Richardson,

**Ex-Officio Members Absent:**
Marc Dale, Mary Greenwood, Sarah Kocunik

**Guests Present:**
Amy Chaaban, Dr. Nancy Christensen, Mark Crawford, Toni Ford, Tyler Friedland, Cayla Fuechsl, Timothy Moriarty, Jason Rochon, Guy Tiberio, Dr. Sheela Vemu,

**Provost**
Dr. Diane Nyhammer

> Nyhammer called the meeting at 2:30 p.m.
>
> Nyhammer emphasized that civility and respect should be exercised during the meeting. She explained the "Point of Order" motion in the *Roberts Rules of Order* and stated the motion can be made if necessary.

**Learning Outcomes, Curriculum and Program Development**
Dean: Dr. Kathleen Gorski

> There were no announcements.

**Academic Support**
Dean: Jessica Moreno

> **No Submissions**

**Business, Technology, and Workforce Education**
Assistant Provost and Executive Dean: Ne'Keisha Stepney

### Automotive Technology: Originators – Tyler Friedland and Guy Tiberio

NEW Course
(Second Read Required — Vote on November 14th):

AUT 255 Comprehensive Diagnostic Principles
1 lec/5 lab, 3.0 semester hours.

***Effective date: Fall 2025***

*Summary of Changes*: New course is being added to the following programs: Automotive Service Technology A.A.S., Automotive Maintenance Occupational Certificate, Engine Performance Occupational Certificate, Automotive Electrical/Electronics Occupational Certificate, Automotive Transmission and Driveline Occupational Certificate, and NEW Hybrid and Electric Vehicle Certificate of Achievement Certificate.

*Rationale*: Course was developed to examine modernized diagnostics tools used in the industry.

**DECISION for AUT 255:**
Tiberio stated AUT 255 is an "umbrella" course and will prevent the current barriers for students.

This was the first read of the new course AUT 255 and it will be voted on at the November 14th Curriculum Council meeting.

**Major Course Revisions:**
*Rationale*: Courses currently aren't meeting the needs of the students. They have been revised to stay up-to-date with employers and industry trends.

***AUT 100 Maintenance and Light Repair***
1 lec/2 lab, 2.0 semester hours ***TO*** 1 lec/5 lab, 3.0 semester hours

***AUT 249 Hybrid and Electric Vehicle Systems***
1 lec/5 lab, 3.0 semester hours

***AUT 250 Light Duty Diesel Service and Repair***
1 lec/5 lab, 3.0 semester hours

*Summary of Changes*: Updates to course descriptions, AUT 249/AUT 250 recommended prerequisites, outcomes, assessment of student learning, and topics. Course objectives deleted. AUT 100 lab hours are being changed from 2 to 5.

**DECISION for AUT 100, 249 and 250:**
Friedland stated the increase in lab and semester hours for AUT 100 is due to the need to stay up-to-date with the industry. He also stated course AUT 249 has been changed from hybrid and alternative fuel to hybrid and electric vehicle systems to stay up-to-date with the industry. Friedland stated course AUT 250 has been condensed and the students will learn other skills on the job.

Nyhammer moved for a motion to vote on these major course revisions for AUT 100, 249 and 250. Theobald so moved and Saccone seconded the motion. The vote was called and passed. These major course revisions will be **effective Fall 2025**.

### Minor Course Revisions:
*Rationale*: Courses currently aren't meeting the needs of the students. They have been revised to stay up-to-date with employers and industry trends.

**AUT 232 Advanced Brakes and Suspension Systems**
1 lec/5 lab, 3.0 semester hours

**AUT 243 Advanced Engine Control Systems**
1 lec/5 lab, 3.0 semester hours

**AUT 246 Automotive Accessories and Diagnostics**
1 lec/5 lab, 3.0 semester hours.

*Summary of Changes*: Updates to course descriptions, outcomes, AUT 243, AUT 246 recommended prerequisites, assessment of student learning, and topics. Course objectives deleted.

## DECISION for AUT 232, 243 and 246:
Tiberio stated Automated Driver Assist Systems (ADAS) has been added to AUT 232.

Nyhammer moved for a motion to vote on these minor course revisions for AUT 232, 243 and 246. Saccone so moved and Iseli seconded the motion. The vote was called and passed. These minor course revisions will be **effective Fall 2025**.

### Course Withdrawals:
*Rationale*: The course information is no longer necessary or up-to-date for the current programs. Content is being incorporated in other courses.

**AUT 116 Automotive Service Adviser**
3 lec/0 lab, 3.0 semester hours

**AUT 117 Automotive Parts Specialist**
3 lec/0 lab, 3.0 semester hours

**AUT 123 Automotive Ignition Systems**
1 lec/5 lab, 3.0 semester hours

**AUT 233 Applied Automotive Fuels and Electricity**
1 lec/5 lab, 3.0 semester hours

**AUT 240 Service Shop Operations**
1 lec/5 lab, 3.0 semester hours

**AUT 251 Light Duty Diesel Vehicle Engine Service II**
1 lec/5 lab, 3.0 semester hours

*Summary of Changes*: Courses above are being withdrawn from the Automotive Technology curriculum.

**DECISION for AUT 116, 117, 123, 233, 240 and 251:**
Tiberio stated some of the content in AUT 116 and AUT 117 has been moved to AUT 100. He stated the content in AUT 123 is no longer needed due to there not being any more mechanical systems. He stated the content could be offered in a course as a community education option for students interested in classic cars.

Nyhammer moved for a motion to vote on these course withdrawals of AUT 116, 117, 123, 233, 240 and 251. Theobald so moved and Saccone seconded the motion. The vote was called and passed. These courses will be withdrawn **effective Fall 2025**.

NEW Program:
(Second Read Required — Vote on November 14th):

AUT 719A Hybrid and Electric Vehicle Certificate of Achievement
27.0 semester hours

*Effective date: Fall 2025*

*Summary of Changes*: New certificate added to Automotive Technology department.

*Rationale*: Added due to student interest and job opportunities.

**DECISION for AUT 719A:**
Friedland stated the new AUT 719A certificate program will streamline the courses so students can take them when it is convenient for them.

This was the first read of the new program AUT 719A and it will be voted on at the November 14th Curriculum Council meeting.

Major Program Revisions:

AUT 710A Automotive Service Technology Associate in Applied Science *(new title)*
65.0 semester hours *TO* 63.0 semester hours
(Second Read Required — Vote on November 14th)

AUT 712A Light Duty Diesel Repair Occupational Certificate
14.0 semester hours

AUT 713A Automotive Maintenance Occupational Certificate
50.0 semester hours *TO* 48.0 semester hours
(Second Read Required — Vote on November 14th)

AUT 715A Automotive Electrical/Electronics Occupational Certificate
15.0 semester hours *TO* 18.0 semester hours
(Second Read Required — Vote on November 14th)

AUT 716A Automotive Brake and Suspension Occupational Certificate
11.0 semester hours *TO* 12.0 semester hours
(Second Read Required — Vote on November 14th)

AUT 717B Automotive Transmission and Driveline Occupational Certificate
17.0 semester hours *TO* 18.0 semester hours
(Second Read Required — Vote on November 14th)

***Effective date: Fall 2025***

*Summary of Changes*: Revised title for AUT 710A, courses deleted and/or added to programs. With the exception of AUT 712A, total hours in programs have changed.

*Rationale*: To remain current and up-to-date with changes in the industry.

## DECISION for AUT 710A, 712A, 713A, 715A, 716A and 717B:
This was the first read of the major program revisions for AUT 710A, 713A, 715A, 716A and 717B, and they, as well as 712A, will be voted on at the November 14th Curriculum Council meeting.

Minor Program Revision:
(Second Read Required — Vote on November 14th)

AUT 714A Engine Performance Occupational Certificate
24.0 semester hours

***Effective date: Fall 2025***

*Summary of Changes*: Addition of new courses and others withdrawn from program.

*Rationale*: To remain current and up-to-date with changes in the industry.

## DECISION for AUT 714A:
This was the first read of the minor program revision for AUT 714A and it will be voted on at the November 14th Curriculum Council meeting.

**Program Withdrawal:**
*Rationale*: Program is no longer needed due to changes in the industry.

***AUT 711A Automotive Transportation Service Technology Associate in Applied Science***
60.0 semester hours

*Summary of Changes*: Program is being withdrawn from the Automotive Technology dept.

## DECISION for AUT 711A:
Tiberio stated there is another degree option and to follow this pathway, students needed to sacrifice other important classes.

Nyhammer moved for a motion to vote on this program withdrawal of AUT 711A. Gorski so moved and Saccone seconded the motion. The vote was called and passed. This course will be withdrawn **effective Fall 2025**.

**Computer Information Systems: Originator – Timothy Moriarty**

NEW Courses:
(Second Read Required — Vote on November 14th)

CIS 151 Management Systems
3 lec/0 lab, 3.0 semester hours

CIS 212 Data Analytics with Excel Power Tool and Power BI
2 lec/2 lab, 3.0 semester hours

CIS 238 CMS Plugin Development
3 lec/0 lab, 3.0 semester hours

CIS 259 Client Side Development
2 lec/2 lab, 3.0 semester hours

CIS 265 Full Stack Development
2 lec/2 lab, 3.0 semester hours

CIS 272 Capstone
2 lec/2 lab, 3.0 semester hours

***Effective date: Fall 2025***

*Summary of Changes*: New courses are being added to the following programs: IT Support Technician A.A.S., IT Support Technician Occupational Certificate, Software Development A.A.S., and Computer Software Development Occupational Certificate.

*Rationale*: Courses are being added based on employer and industry needs and changes over the time.

**DECISION for CIS 151, 212, 238, 259, 265 and 272:**
Newman stated CIS 151 provides students with experience in content management systems. Moriarty stated new tools have been added to data/system analytics in CIS 212. Moriarty stated CIS 259 and CIS 265 are replacements for java script. Moriarty also stated CIS 265 is the last class in the software development pathway. Newman stated students start on the same pathway, then branch out with the CIS 272 Capstone course. CIS 272 covers developing an artifact and provides job-hunting skills.

This was the first read of the new courses CIS 151, 212, 238, 259 and 272 and they will be voted on at the November 14th Curriculum Council meeting.

**Major Course Revisions:**
*Rationale*: Courses are being updated based on employer and industry needs and changes over the time.

***CIS 107 Information Technology Fundamentals***
1 lec/3 lab, 3.0 semester hours ***TO*** 2 lec/2 lab, 3.0 semester hours

***CIS 136 Data Analytics Programming (new title)***
3 lec/0 lab, 3.0 semester hours ***TO*** 2 lec/2 lab, 3.0 semester hours

### CIS 261 Server Side Development (new title)
2 lec/2 lab, 3.0 semester hours

*Summary of Changes*: Updates to CIS 136 and CIS 261 titles, course descriptions, outcomes, prerequisites, assessment of student learning, and topics. Course objectives deleted for CIS 136. Lecture and lab hours changed for CIS 107 and CIS 136.

## DECISION for CIS 107, 136 and 261:
Rochon stated CIS 107 is the pipeline to many different programs. Moriarty stated lecture and lab time have been changed for CIS 136. Moriarty stated CIS 261 focuses on the services side.

Nyhammer moved for a motion to vote on these major course revisions for CIS 107, 136 and 261. Theobald so moved and Fischer seconded the motion. The vote was called and passed. These major course revisions will be **effective Fall 2025.**

### Minor Course Revision:
*Rationale*: Updated to match current trends and terminology.

### CIS 202 Database Management
3 lec/0 lab, 3.0 semester hours

*Summary of Changes*: Updates to course description, enforced prerequisite, outcomes, and topics. Course objectives deleted.

## DECISION for CIS 202:
Moriarty stated CIS 202 is presented with a more modern database.

Nyhammer moved for a motion to vote on this minor course revision for CIS 202. Theobald so moved and Saccone seconded the motion. The vote was called and passed. This minor course revision will be **effective Fall 2025.**

### Major Program Revisions:
(Second Read Required — Vote on November 14th)

CIS 220D Software Development Associate in Applied Science A.A.S.
60.0 semester hours

CIS 223A IT Support Technician Associate in Applied Science A.A.S.
60.0 semester hours

CIS 243B IT Support Technician Occupational Certificate
27.0 semester hours *TO* 30.0 semester hours

**Effective date: Fall 2025**

*Summary of Changes*: Title changes and course deletions/additions to curricula. Total hours in the IT Support Tech Cert program have increased by 3.

*Rationale*: Programs are being updated based on employer and industry needs and changes over the time.

**<u>DECISION for CIS 220D, CIS 223A and CIS 243B:</u>**
Moriarty stated the general education course requirements have changed for CIS 220D.
Newman stated courses have been swapped for courses more relevant to the industry in CIS
223A and CIS 243B.

This was the first read of these major program revisions for CIS 220D, CIS 223A and CIS 243B
and they will be voted on at the November 14th Curriculum Council meeting.

Minor Program Revision:
(Second Read Required — Vote on November 14th)

CIS 228B Computer Software Development Occupational Certificate
15.0 semester hours

*Effective date: Fall 2025*

*Summary of Changes*: CIS 110 removed from curriculum and CIS 115 and CIS 259 added.

*Rationale*: Program is being updated based on employer and industry needs and
changes over the time.

**<u>DECISION for CIS 228B:</u>**
Moriarty stated a business class has been removed and the Client Side Development class has
been added.

This was the first read of the minor program revision for CIS 228B and it will be voted on at the
November 14th Curriculum Council meeting.

**Website Development: Originators – Amy Chaaban and Eamon Newman**

NEW Courses:
(Second Read Required — Vote on November 14th)

CIS 123 Web Development I
3 lec/0 lab, 3.0 semester hours

CIS 128 UX/UI I
3 lec/0 lab, 3.0 semester hours

CIS 133 Web Development II
2 lec/2 lab, 3.0 semester hours

CIS 138 UX/UI II
3 lec/0 lab, 3.0 semester hours

CIS 222 E-Commerce
3 lec/0 lab, 3.0 semester hours

CIS 239 CMS Theme Development
3 lec/0 lab, 3.0 semester hours

*Effective date: Fall 2025*

*Summary of Changes*: New courses added to Web UX/UI Associate in Applied Science A.A.S. and Web UX/UI Certificate Occupational Certificate programs.

*Rationale*: Courses are being updated based on employer and industry needs and changes over the time.

## DECISION for CIS 123, 128, 133, 138, 222 and 239:

Chaaban stated CIS 123 and 128 will provide the skillsets to obtain entry-level jobs. She also stated CIS 138, 222 and 239 are more advanced website development courses.

This was the first read of the new courses CIS 123, 128, 133, 138, 222 and 239 and they will be voted on at the November 14th Curriculum Council meeting.

**Course Withdrawal:**
*Rationale*: The course is no longer meeting student need and has been removed from WEB 331B, AAS and WEB 337A, Certificate programs.

### WEB 230 Dreamweaver
2 lec/2 lab, 3.0 semester hours

*Summary of Changes*: The course is being withdrawn.

## DECISION for WEB 230:

Chaaban stated the software is inadequate and the course needs to be withdrawn.

Nyhammer moved for a motion to vote on the withdrawal of course WEB 230. Saccone so moved and Theobald seconded the move. The vote was called and passed. This course will be withdrawn **effective Spring 2025**.

Major Program Revisions:
(Second Read Required — Vote on November 14th)

WEB 331B Web UX/UI Associate in Applied Science A.A.S.
60.0 semester hours

WEB 337A Web UX/UI Occupational Certificate
21.0 semester hours

*Effective date: Fall 2025*

*Summary of Changes*: Titles updated with "UX/UI" and course requirements were revised. Total hours in both programs remain the same.

*Rationale*: Programs are being updated based on employer and industry needs and to match current trends.

## DECISION for WEB 331B and WEB 337A:
This was the first read of the major program revisions for WEB 331B and WEB 337A and they will be voted on at the November 14th Curriculum Council meeting.

### Cybersecurity: Originator – Jason Rochon

NEW Courses:
(Second Read Required — Vote on November 14th)

CIS 103 Data Analyst Essentials
2 lec/1 lab, 3.0 semester hours

CIS 119 Information Technology Professional II
2 lec/2 lab, 3.0 semester hours

CIS 213 Cybersecurity Analyst
2 lec/2 lab, 3.0 semester hours

CIS 214 Digital Forensics
2 lec/2 lab, 3.0 semester hours

CIS 267 Cisco III
2 lec/2 lab, 3.0 semester hours

*Effective date: Fall 2025*

*Summary of Changes*: New courses added to Cybersecurity A.A.S. and Cybersecurity Certificate programs.

*Rationale*: Cyber industry and employer need.

## DECISION for CIS 103, 119, 213, 214 and 267:
This was the first read of the new courses CIS 103, 119, 213, 214 and 268 and they will be voted on at the November 14th Curriculum Council meeting.

### Major Course Revisions:
*Rationale*: Cyber industry and employer need.

*CIS 118 Information Technology Professional I*
2 lec/3 lab, 3.0 semester hours *TO* 2 lec/2 lab, 3.0 semester hours

*CIS 137 CISCO I*
2 lec/3 lab, 3.0 semester hours *TO* 2 lec/2 lab, 3.0 semester hours

*CIS 200 Cloud Technology*
2 lec/3 lab, 3.0 semester hours *TO* 2 lec/2 lab, 3.0 semester hours

*CIS 237 CISCO II*
2 lec/3 lab, 3.0 semester hours *TO* 2 lec/2 lab, 3.0 semester hours

*Summary of Changes*: Updates to lab hours, course descriptions, recommended/enforced prerequisite(s), outcomes, and topics. Course objectives revised or deleted.

## DECISION FOR CIS 118, 137, 200 and 237:

Rochon stated CIS 137 was a long course and now has been separated into three. He also stated CIS 200 was first taught as cloud essentials and now it will be taught as an official cloud plus course.

Nyhammer moved for a motion to vote on these major course revisions for CIS 118, 137, 200 and 237. Saccone so moved and Theobald seconded the motion. The vote was called and passed. These major course revisions will be **effective Fall 2025**.

**Minor Course Revision:**
*Rationale*: Cyber industry and employer need.

### CIS 210 Ethical Hacking
2 lec/2 lab, 3.0 semester hours

*Summary of Changes*: Updates to course description, enforced & recommended prerequisites, objectives, outcomes, assessment of student learning, and topics.

## DECISION for CIS 210:

Rochon stated the security awareness course was needed before getting into ethical hacking.

Nyhammer moved for a motion to vote on the minor course revision for CIS 210. Theobald so moved and Fuller seconded the motion. The vote was called and passed. This minor course revision will be **effective Fall 2025**.

Major Program Revision:
(Second Read Required — Vote on November 14th)

CIS 251A Cybersecurity Occupational Certificate
27.0 semester hours *TO* 30.0 semester hours

***Effective date: Fall 2025***

*Summary of Changes*: CIS 107, CIS 109, and CIS 137 removed from curriculum and new courses added. Total hours in the program have increased by 3.

*Rationale*: Program is being updated based on employer and industry need and changes over the time.

Minor Program Revision:
(Second Read Required — Vote on November 14th)

CIS 250A Cybersecurity Associate in Applied Science A.A.S.
60.0 semester hours

***Effective date: Fall 2025***

*Summary of Changes*: CIS 107, CIS 109, CIS 211 removed from curriculum and new courses added.

*Rationale*: Program is being updated based on employer and industry need and changes over the time.

## DECISION for CIS 251A and CIS 251A:

In the interest of time, Nyhammer moved for a motion to table the major program revision for CIS 251A and minor program revision for CIS 250A and discuss them at the November 14th Curriculum Council meeting. Saccone so moved and Theobald seconded the motion. These major and minor course revisions will be discussed at the November 14th Curriculum Council meeting.

### Water/Wastewater: Originators – Nancy Christensen and Sheela Vemu

#### NEW Courses:
**\*\*Request to waive second read\*\***
*Rationale*: The courses listed below aim to equip students with core skills and competencies in the water/wastewater sector.

*WTE 101 Water Operations I*
3 lec/0 lab, 3.0 semester hours

*WTE 102 Water Operations II*
3 lec/0 lab, 3.0 semester hours

*WTE 105 Math for Water Technology I*
3 lec/0 lab, 3.0 semester hours

*WTE 106 Math for Water Technology II*
3 lec/0 lab, 3.0 semester hours

*WTE 109 Science for Water Technology*
2 lec/2 lab, 3.0 semester hours

*WTE 111 Wastewater Operations I*
3 lec/0 lab, 3.0 semester hours

*WTE 112 Wastewater Operations II*
3 lec/0 lab, 3.0 semester hours

*WTE 296 Special Topics/Water and Wastewater*
1 lec/0 lab, 1.0 semester hours

*Summary of Changes*: New courses added to the new Wastewater program.

#### NEW Program:
**\*\*Request to waive second read\*\***
*Rationale*: This program aims to equip students with core skills and competencies in the water/wastewater sector and build awareness of careers in this field. It seeks to fill the middle skills gap in the water sector by offering the first such certificate in the northern Illinois region.

*WTE 501 Water/Wastewater Occupational Certificate*
27.0 semester hours

*Effective date: Fall 2025*

*Summary of Changes*: New program added to the list of BTWE disciplines.

*Rationale*: This program aims to equip students with core skills and competencies in the water/wastewater sector and build awareness of careers in this field. It seeks to fill the middle skills gap in the water sector by offering the first such certificate in the northern Illinois region.

## DECISION FOR WTE 101, 102, 105, 106, 109, 111, 112, 296 and WTE 501:

Gorski stated the process for a second read will cause a barrier since the process is a much longer for the Water/Waste Water program. Nyhammer moved for a motion to waive the second read for new courses WTE 101, 102, 105, 106, 109, 111, 112, 296 and new program WTE 501. Garcia so moved and Saccone seconded the motion. The vote was called and passed. The second read was waived.

Christensen stated the WTE courses were built on the highest level requirements. Crawford stated WTE 106 and 106 provide the necessary math requirements that need to be covered to complete the program. Christensen stated the topics for WTE 296 will include employability skills.

Nyhammer moved for a motion to vote on the new courses WTE 101, 102, 105, 106, 109, 111, 112, 296 and new program WTE 501. Saccone so moved and Theobald seconded the motion. The vote was called and passed. These new courses and program will be **effective Fall 2025**.


### Health Professions and Public Service
Dean: Bob Cofield

#### No Submissions


### Liberal Arts and Sciences – LAS and VPAES
Assistant Provost and Executive Dean: Sharon Garcia

### Chemistry: Originator – Nancy Christensen

#### Minor Course Revision:
*Rationale*: Updating prerequisite to match CHM100 and align with Developmental Math Pathway

##### *CHM 101 Introduction to Chemistry Laboratory*
0 lec/3 lab, 1.0 semester hour

*Effective date: Spring 2025*

*Summary of Changes*: MTH067 removed as an enforced prerequisite, MTH066 or MTH068 have been added to prerequisite language.

## DECISION for CHM 101:

Nyhammer moved for a motion to vote on the minor course revision for CHM 101. Saccone so moved and Fuller seconded the motion. The vote was called and passed. This minor course revision will be **effective Spring 2025**.

## Meeting Adjourned

With no further agenda items, Nyhammer moved to end the meeting at 4:01 p.m. Hearing no objections, the meeting was adjourned. The next meeting of the Curriculum will be held on November 21, 2024, at 2:30 p.m. via Zoom.