WAUBONSEE COMMUNITY COLLEGE

CURRICULUM COUNCIL MEETING

Thursday, March 27, 2025
2:30 PM

Zoom meeting — https://waubonsee.zoom.us/j/8099211706

AGENDA

Faculty Presenters and Guests
Lisa LaMantia, Sr. Vice President, REVV Aviation Flight Academy
Guy Lieser, Vice President of Business Development, REVV Aviation
Linda O'Connell-Knuth, Professor, Early Childhood Education
Ramiro Cervantes, Instructor, Auto Collision and Refinishing Technology
Randy Hines, Associate Professor, Computer Aided Design and Drafting
Paul Smith, Subject-Matter Expert, Industrial Maintenance
Tom Bohr, Vendor, Moss Enterprises/Amatrol

As a reminder, only Curriculum Council members are eligible to vote in the polls that will be presented at the meeting. Ex-Officio members and guests are not eligible to vote.

Interim Provost
Dr. Kimberly Chavis

Introductions & Welcome
- Suzanne Markin, Workforce Education Manager
- Edith Rojas, Workforce Education Coordinator

Call to Order

Announcements
- Non-credit programming will be presented to the Curriculum Council moving forward to promote transparency amongst curriculum and ensure that non-credit offerings receive the same feedback as credit programs.

Academic Support
Dean: Jessica Moreno

No Submissions

Arts and Humanities
Dean: Dr. Danielle Hardesty

No Submissions

Business and Social Science
Dean: Dr. Tamekia Smith

Early Childhood Development: Originator – Linda O'Connell-Knuth

1. Minor Course Revisions:

ECE 205 Infant and Toddler Methods and Strategies
(3 lec/0 lab) 3 semester hours

ECE 237 Early Childhood Multilingual Classroom - Methods and Strategies
(2 lec/1 lab) 3 semester hours

Effective date: Fall 2025

Summary of Changes: Addition of enforced prerequisites.

Rationale: Ensure that students are well-prepared with both theoretical understanding and practical skills before they begin applying concepts with children, and have a solid theoretical foundation, allowing them to engage more effectively with the advanced methods and strategies for multilingual classrooms.

2. Minor Program Revision:

ECE 570B Early Childhood Education Associate in Applied Science A.A.S.
60 semester hours

Effective date: Fall 2025

Summary of Changes: ECE102 and ECE225 added as electives.

Rationale: This would eliminate the need for a substitution form each time a student enrolled in either of these courses, streamlining the process for students, support staff, and faculty.

Health Professions and Public Service
Dean: Bob Cofield

No Submissions

Industry and Technology
Assistant Provost of Workforce Development: Ne'Keisha Stepney
Interim Dean: Dr. Bill Marzano

Aviation Maintenance Technology: Originator – Toni Ford, Sr Program Dev Coord

3. **NEW Courses — Second Read**

AVT 100 Fundamentals of Aviation Maintenance

3 lec/2 lab, 4.0 semester hours

AVT 110 Aviation Mathematics and Physics
3 lec/2 lab, 4.0 semester hours

AVT 120 Aircraft Materials, Processes, and Corrosion Control
3 lec/2 lab, 4.0 semester hours

AVT 130 Electrical and Environmental Systems
3 lec/2 lab, 4.0 semester hours

AVT 140 Maintenance Documentation/Regulation
3 lec/1 lab, 3.0 semester hours

AVT 150 Airframe Structures and Repairs
2 lec/4 lab, 4.0 semester hours

AVT 155 Welding for Aviation
0 lec/2 lab, 1.0 semester hour

AVT 160 Hydraulic and Pneumatic Systems
2 lec/4 lab, 4.0 semester hours

AVT 170 Environmental Systems and Airframe Inspection
2 lec/6 lab, 5.0 semester hours

AVT 210 Power Plant Fundamentals and Reciprocating Engines
2 lec/6 lab, 5.0 semester hours

AVT 220 Engine Systems and Electrical Components
2 lec/6 lab, 5.0 semester hours

AVT 230 Turbine Engines and Propellers
2 lec/6 lab, 5.0 semester hours

Effective date: Summer 2026

Summary of Changes: New courses added to the new Aviation programs.

Rationale: The courses will cover all aspects of aircraft maintenance and allow students to work with real aircraft and equipment to gain practical experience.

4. NEW Programs — Second Read

AVT 790 Aviation Maintenance Technology Certificate
48.0 semester hours

AVT 795 Aviation Maintenance Technology Associate in Applied Science A.A.S.
63.0 semester hours

Effective date: Summer 2026

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

Rationale: The proposed Aviation Maintenance program will provide students with a comprehensive education that covers all aspects of aircraft maintenance, including airframe structures, power plants, electrical systems, avionics, and more. It will also include hands-on training opportunities, allowing students to work with real aircraft and equipment to gain practical experience.

Automotive Collision and Refinishing Technology: Originator – Ramiro Cervantes

5. Major Course Revisions:

ACR 100 Automotive Collision and Refinishing Welding
1 lec/4 lab, 3.0 semester hours

ACR 105 Sheet Metal Repair
1 lec/2 lab, 2.0 semester hours

ACR 110 Fiberglass Panel and Plastic Repair
1 lec/2 lab, 2.0 semester hours

ACR 115 Automotive Collision Repair
2 lec/4 lab, 4.0 semester hours

ACR 120 Automotive Painting and Refinishing
2 lec/4 lab, 4.0 semester hours

ACR 125 Automotive Collision and Refinishing Careers
1 lec/0 lab, 1.0 semester hour

ACR 130 Automotive Collision Appraisal
.5 lec/1 lab,1.0 semester hour

ACR 135 Frame Repair
3 lec/6 lab, 6.0 semester hours

ACR 140 Glass Service
.5 lec/1 lab, 1.0 semester hour

ACR 145 Automotive Collision Repair
3 lec/6 lab, 6.0 semester hours

ACR 150 Chassis and Electrical Systems for Automotive Collision
2 lec/0 lab, 2.0 semester hours

ACR 215 Automotive Collision Repair
1 lec/4 lab, 3.0 semester hours

ACR 297 Automotive Collision and Refinishing Technology Internship
0 lec/5 lab, 1.0 semester hour

ACR 298 Automotive Collision and Refinishing Technology Internship
0 lec/10 lab, 2.0 semester hours

ACR 299 Automotive Collision and Refinishing Technology Internship

0 lec/15 lab, 3.0 semester hours

6. Major Program Revisions:

ACR 700B Automotive Collision and Refinishing Technology Associate in Applied Science
60.0 semester hours

ACR 703B Basic Automotive Collision and Refinishing Occupational Certificate
16.0 semester hours

ACR 705B Advanced Collision and Refinishing Occupational Certificate
38.0 semester hours

Effective date: Fall 2025

Summary of Changes: Program title changes and updates to courses prefixes/titles (where applicable) within curricula from ABR to ACR.

Rationale: Program name updated to Automotive Collision and Refinishing Technology to reflect current industry terminology.

Computer-Aided Design and Drafting: Originator – Randy Hines

7. Minor Course Revisions:

CAD 100 Technical Drawing I
2 lec/2 lab, 3.0 semester hours

CAD 102 AutoCAD I
2 lec/2 lab, 3.0 semester hours

CAD 118 Technical Drawing II
2 lec/2 lab, 3.0 semester hours

Effective date: Fall 2025

Summary of Changes: Enforced coreqs changed to recommended coreqs.

Rationale: Reflects updates to the institutional course outcome.

8. Minor Program Revisions:

CAD 200A CAD - Computer Aided Design and Drafting Associate in Applied Science A.A.S.
60.0 semester hours

Effective date: Fall 2025

Summary of Changes: CAD118 and CAD120 went from *OR* to **AND**, and electives decreased by 3 semester hours.

Rationale: Students will now need to take both Technical Drawing II and AutoCAD II, which will better prepare them for the work force.

Mathematics and Science
Dean: Dr. Eric Aurand

No Submissions

Workforce Education
Manager: Suzanne Markin

*****FOR INFORMATIONAL PURPOSES ONLY*****

Industrial Maintenance: Originator – Suzanne Markin

9. New Non-Credit Certificates

Five Certified Industry Systems Specialist certifications offered within program:

1. Mechanical Systems Specialist
2. Electrical Systems Specialist
3. Controls Systems Specialist
4. Electro Fluid Power Systems
5. Automation Systems Specialist

Effective date: Fall 2025

Summary of Changes: New non-credit courses being added to WCC curriculum under the Industrial Maintenance program.

Rationale: The Industrial Maintenance non-credit program provides hands-on training in essential maintenance technologies, equipping participants with the skills needed for high-demand technical careers. Utilizing a stackable credential framework, the program covers key competencies in mechanical systems, electrical fundamentals, controls, fluid power, and automation. Designed for both entry-level learners and experienced professionals seeking upskilling, this program offers a flexible, skills-based pathway to career advancement in industrial and manufacturing settings.