

Academic Council Curriculum Committee – Agenda

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| **Date** | **Time** | **Location** |
| 2/26/25 | 1:00-2:00pm | Teams |

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| **Welcome** | |
| Attendance: Nick Shay, Carla Mayers Bletsch, Derek Spann, Irene Petten, Susini Desilva, Lainey Foster, Brent Funderburk, Adam Hagar, Amy Hart. | |
| Approval of Minutes: 1/29 meeting minutes were approved. | |
| Academic Council Meeting: | |
| * Proposals to review.   + See Below. * Updates   + See Below. | |
| Attachments |  |
| Guests | Madee Green; Anjali Gupta; Jeff Akers; Amy Hatfield; Adam Keller; Peter Morgan |

**Updates**

* **Discussion of changes to ANTH 2200 (Introduction to Biological Anth); Madee Green**
  + Change to a 4-credit lab course (from a 3-credit course non-lab component course) aligns with nationwide trends and the course content and processes that OSU implemented a dozen years ago.
  + The biggest change is the implementation of a lab manual for both available modalities (web and in-person) and lab a practical for each unit of study.
  + Jeff noted it will now be in the natural science lab-based course section of the course offerings for students starting in AU of this year.
* **Discussion of MATH 1146 (College Algebra Plus); Amy Hatfield** 
  + The course will become 4 credit hours instead of five with the shift from 4 lecture hours and 2 lab to 4 lab hours and two lecture hours; this better reflects the collaborative and active nature in which the course is taught.
  + The switch will also result in overall cost savings for students as well as aligning with credit hours of other college algebra offerings.
* **Discussion of QIS 1110 (The Second Quantum Revolution); Adam Keller** 
  + This burgeoning field will potentially have a significant impact on society; such courses have been launched at several 4-year institutions nationwide but so much at community colleges (if at all). The course was designed with a “STEAM” approach which, in addition to the hard science, includes consideration of the arts.
  + The low math requirement is deliberate in order to open up the introductory course to as many students as possible.
  + A team-teaching approach will be used to include someone from both the natural sciences and the arts/humanities or social sciences; both Dean Todd and Asst. Dean Goodhart are on board with this approach.
  + Nick noted that there was a minor lab fee correction that needed to be made by the originator.
* **Discussion of 2205 (Intermediate Drawing); Peter Morgan**
  + The course was created with both accessibility and transferability in mind. On the first item, the purpose was to make a drawing a class which allowed for a deeper variety of depictions of forms not previously included in other such courses. For the second item, other faculty at Ohio institutions were consulted to help ensure transferability.
* **CHEM 1171 (General Chemistry I)** 
  + Nick noted this was another fee change right in line with the CHEM changes approved in recent meetings. Jeff also noted there will likely be a lot more of these sorts of increases; these can also be presented before the state for approval (as well as fee reductions).
* **GEOG 1900 (Introduction to Weather and Climate); Jeff Akers**
  + Straightforward lab fee reduction due to a shift in the materials used for the course.
* **AMT discussion (12 courses total, see below for more detail); Robert Everett** 
  + As was noted in the last meeting in January, various changes implemented by the FAA (in 2022) created minor changes to subject areas to better prepare students for the aviation practical testing; piloting seat hours can be done with credit hours.
  + The program will also move back to full semesters as opposed to the five-week terms which are currently used.
  + Jeff asked if the FAA added another layer of approval requirements for the program; in 2022 the FAA removed itself from the approval process.
  + However, Robert is the liaison to the FAA and is in contact with various representatives from the organization and has already had to previously align the program with those 2022 standards.
* **Discussion of new Transportation Maintenance Technology courses (15 total, see below for full list) and programs of study (3 total, see below for full list); Derek Spann**
  + The trio of new programs was created to ensure that CSCC students can help meet what is a rising and considerable demand for new employees trained in automotive technology in the Columbus area (and beyond). As an example, the Honda PACT program works directly in partnership with CSCC and local dealerships to expand and strengthen job placement opportunities for students.
* **Closing notes**
  + Nick noted that membership confirmation for the coming would be occurring for those members wishing to stay on the committee.
  + He also noted that he will vacate the co-chair role in the summer term and that we would need a new person in this role by AU 25 if not before then,

* Proposals to review: (see below)

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|  | Action | Review Date | Proposal Type | Organization | Title | Justification/ Rationale | Originator |
|  |  |  | New Career Tech Course | Transportation Maintenance Technology | AMT 1110 - Aviation Maintenance Fundamentals | To fully capitalize on the opportunities presented by recent FAA regulatory changes, our faculty, alongside Karen Hill and Laurie Johns, collaborated during the 2022-2023 academic year to redesign our curriculum. Our main goals were to streamline the program by reducing contact and credit hours, implementing a four-day class schedule, aligning our courses with the new Airmen Certification Standards (ACS), and enabling students to take the FAA General written exam early, as per the changes to CFR Part 147. However, as we entered the 2023-2024 school year, it became clear that our initial plan wouldn't adequately serve our growing student population. Facing wait-lists and resource shortages, we swiftly adapted our approach. Building upon our initial plan, we created a new one, allowing for year-round classes and admitting new students each Fall, Spring, and Summer. This modification, rather than a complete overhaul, ensures that our curriculum remains compliant with FAA regulations while better meeting the needs of our students. | Robert Everett |
|  |  |  | New Career Tech Course | Transportation Maintenance Technology | AMT 1120 - Basic Electricity |
|  |  |  | New Career Tech Course | Transportation Maintenance Technology | AMT 1130 - Aircraft Materials and Hardware |
|  |  |  | New Career Tech Course | Transportation Maintenance Technology | AMT 1140- Publications and Regulations |
|  |  |  | New Career Tech Course | Transportation Maintenance Technology | AMT 1210 - Aircraft Structures |
|  |  |  | New Career Tech Course | Transportation Maintenance Technology | AMT 1220 - Aircraft Electrical Systems |
|  |  |  | New Career Tech Course | Transportation Maintenance Technology | AMT 1230 - Aircraft Systems I |
|  |  |  | New Career Tech Course | Transportation Maintenance Technology | AMT 1250 - Airframe Inspections |
|  |  |  | New Career Tech Course | Transportation Maintenance Technology | AMT 2110 - Turbine Engine Maintenance |
|  |  |  | New Career Tech Course | Transportation Maintenance Technology | AMT 2120 - Powerplant Systems |
|  |  |  | New Career Tech Course | Transportation Maintenance Technology | AMT 2130 - Reciprocating Engine Maintenance |
|  |  |  | New Career Tech Course | Transportation Maintenance Technology | AMT 2140 - Powerplant Inspection |
|  |  |  | Significant Changes | Arts & Sciences | MATH-1146 College Algebra Plus | The change in lectures and lab hours is to accurately reflect how the course is being taught, reducing the direct cost for students. There are 2 hours of lecture each week with 4 hours of hands-on active learning lab time. 2 LE + 4 LB = 4 CR is a true reflection of the course. | Amy Hatfield |
|  |  |  | New Arts and Sciences Course | Arts & Sciences | ART 2205 - Intermediate Drawing | Intermediate Drawing will serve as an alternative to the Life Drawing course. This is an advanced drawing course that does not include rendering live human models, focusing on composition and drawing technique. | Alesa Mansfield |
|  |  |  | Significant Changes | Arts & Sciences | Geog 1900 Introduction to Weather & Climate | 09/16/2024 Updated documents provided by Eric Neubauer by email for OT36 Course Administrative Updates.  09/23/2024 Decrease in lab fees. | Jeff Akers |
|  |  |  | Significant Changes | Arts & Sciences | ANTH2200 - Introduction to Biological Anthropology | See Rationale Below: | Madee Green |
|  |  |  | Significant Changes | Arts & Sciences | CHEM1171 - General Chemistry I | Lab fees need to be increased to cover the increasing cost of supplies. | Brian Peebles |
|  |  |  | New General Education Course | Arts & Sciences | QIS 1100 - The Second Quantum Revolution | See rationale below | Karen Rippe |
|  |  |  | Program Deactivation | Business | Entrepreneurship Certificate - Automotive Technology Management | Deactivation of this certificate was requested by the Automotive Department. Several classes on the certificate have been discontinued. (See Curriqunet files for email documentation & list of current active students.) | Charla Fraley |
|  |  |  | New Program | Transportation Maintenance Technology | Automotive Technology - Honda PACT A.A.S. | The office of academic affairs signed an agreement with American Honda Motor Company, Inc. to include American Honda Professional Automotive Career Training (PACT) in its Automotive Technology program at Columbus State. Demand from area Honda and Acura dealerships for highly trained employees was the catalyst for this program. This program is an essential part of allowing Columbus State and the Automotive Technology department to offer an enhanced educational and career entry pathway for students, and increase student career entry and employment. | Dereck Spann |
|  |  |  | New Program | Transportation Maintenance Technology | Honda Automotive Service Technician (HONDA-AST) Certificate |
|  |  |  | New Program | Transportation Maintenance Technology | Honda Maintenance and Light Repair (HONDA-MLR) Certificate |
|  |  |  | New Career Tech Course | Transportation Maintenance Technology | PACT 1110 - Engines: Diagnosis and Repair | New Honda/Acura specific courses to support the new Honda PACT program. The new Honda PACT program will be a 2-year lock-step cohort, therefore courses will be offered every 2 years. |
|  |  |  | New Career Tech Course | Transportation Maintenance Technology | PACT 1206 - Honda PACT Orientation and Shop Service |
|  |  |  | New Career Tech Course | Transportation Maintenance Technology | PACT 1240 - Steering and Suspension: Diagnosis and Repair |
|  |  |  | New Career Tech Course | Transportation Maintenance Technology | PACT 1250 - Brake Systems: Diagnosis and Repair |
|  |  |  | New Career Tech Course | Transportation Maintenance Technology | PACT 1260 - Electrical Systems: Diagnosis and Repair |
|  |  |  | New Career Tech Course | Transportation Maintenance Technology | PACT 1270 - Heating and Air Conditioning: Diagnosis and Repair |
|  |  |  | New Career Tech Course | Transportation Maintenance Technology | PACT 2120 - Automatic Transmissions: Diagnosis and Repair |
|  |  |  | New Career Tech Course | Transportation Maintenance Technology | PACT 2130 - Manual Driveline Diagnosis and Repair |
|  |  |  | New Career Tech Course | Transportation Maintenance Technology | PACT 2180 - Engine Performance: Operation and Diagnosis |
|  |  |  | New Career Tech Course | Transportation Maintenance Technology | PACT 2280 - Advanced Engine Performance: Diagnosis and Repair |
|  |  |  | New Career Tech Course | Transportation Maintenance Technology | PACT 2360 - Electronic Systems: Diagnosis and Repair |
|  |  |  | New Career Tech Course | Transportation Maintenance Technology | PACT 2951 - Cooperative Work Experience/Seminar I |
|  |  |  | New Career Tech Course | Transportation Maintenance Technology | PACT 2952 - Cooperative Work Experience/Seminar II |
|  |  |  | New Career Tech Course | Transportation Maintenance Technology | PACT 2953 - Cooperative Work Experience/Seminar III |
|  |  |  | New Career Tech Course | Transportation Maintenance Technology | PACT 2954 - Cooperative Work Experience/Seminar IV |

*Rationale for ANTH 2200*

*The course is to be approved as both a Natural Science with Lab and a social science requirement for the AA and AS degrees and the Natural Science with Lab requirement takes precedence over the social science requirement. This ANTH 2200 will replace the older ANTH 2200 for grade replacement purposes.*

*Shifting courses to match content, credit-hours, and lab-focused assignments in line with a nation-wide restructuring of Introduction to Biological Anthropology. Changes are threefold: 1) increase credit hours to 4-credits. This includes a 1-hour lab credit and 3-hours of lectures, 2) adopt a lab-based method of assessment with supporting assignments. Biological anthropology is a natural science, and ongoing reanalysis at a discipline level focuses on interactive labs in teaching rather than primarily lecture materials. A shift to lab exercises in addition to reflection-based and bi-weekly quizzes emphasize the natural science elements of biological anthropology. Finally, 3) increase lab fees to accommodate the lab materials.*

*Rationale for QIS 1110*

*Adam Keller and Karen Rippe have been working on a grant with OSU and a large group from across multiple colleges, universities, and community colleges. The purpose of this grant was to create a series of courses that will create a minor in QIS. This course is the first in a four-course sequence used for this minor. The course is being designed in tandem with OSU; however, OSU still has not established a permanent course number so we cannot apply for a TAG yet. In fact, our counterparts at OSU hope to learn from our course once we begin teaching it. This course will be an ideal CCP course and general science elective for any major that uses cryptosecurity such as business, finance and marketing. The credit hours for this class will thus fulfil the existing credit requirement but will not add any requirements to any degrees.*

*Rationale for Automotive Technology - Honda PACT A.A.S.*

*The office of academic affairs signed an agreement with American Honda Motor Company, Inc. to include American Honda Professional Automotive Career Training (PACT) in its Automotive Technology program at Columbus State. Demand from area Honda and Acura dealerships for highly trained employees was the catalyst for this program. This program is an essential part of allowing Columbus State and the Automotive Technology department to offer an enhanced educational and career entry pathway for students and increase student career entry and employment.*