Curriculum Changes 101: A Session Designed for Advisors
Goal of Presentation

- This will be a session designed exclusively for academic advisors. System office curriculum liaisons will provide a high level overview of the significant curriculum changes for 2019-20. After the overview from each liaison, we will “breakout” into small groups/individuals sessions throughout the room where each liaison will answer additional questions.

  Aaron Baute - Business, Logistics & Supply Chain
  Vearl Turnpaugh – Applied Engineering & Technology
  Glen Roberson & Teresa Hess – Advanced Manufacturing, Engineering & Applied Science
  Skip Hahnert – Information Technology
  Jewel Diller – Nursing
  Nichole Stitt – Health Schools
  Marcus Kolb - Accreditation
  Susan Hawkins-Wilding – Academic Advising
School of Business, Logistics, and Supply Chain

Human Services Changes - Social Work TSAP - Social and Behavioral Ways of Knowing increased to 12 credit hours max with PSYC 101, SOCI 111, and PSYC 205 being indicated as required.

Business Operations, Applications, and Technology Changes - There is a CINS 101 test out available to students who feel they have those skills

Supply Chain Management Changes - CDL Plus
• LOGM 100, 102, 103, 104 and 180 - All for the CDL Plus Program
• LOGM 102 - Fee of $4250 approved as pass through for CDL vendor payment for CDL Plus Program.
• Add LOGM 100, 102, 103, 104 and 180 on the certification crosswalk for the CDL A Licensure
Ivy Tech Agriculture Program 2019

Associate of Science in Agriculture
Program Code: AGRI
CIP Code: 01.0000

Associate of Applied Science in Agriculture
Program Code: AGRI
CIP Code: 01.0000

Certificate in Urban Horticulture
Program Code: HORT
CIP Code: 01.0601

Certificate in Grain Systems
Program Code: GSYS
CIP Code: 01.0204

Certificate in Hydroculture
Program Code: HYDC
CIP Code: 01.0604

Certificate in Landscape Technician
Program Code: LAND
CIP Code: 01.0605

Certificate in Horticulture
/Landscape Management

Certificate in Animal Agribusiness

Certificate in Agribusiness Management

Certificate in Plant Production

Certificate in Food Science

Environmental Design - New to Manufacturing Production and Operations Electronics & Computer Technology

Electrical Engineering Technology (TSAP)
Engineering Technology
Mechanical Engineering Technology (TSAP)
Engineering (No Open Enrollment)

Aviation Flight
Aviation Management
Aviation Maintenance Technology
Design Technology
Agriculture
Precision Agriculture

Applied Engineering and Technology

Environmental Design - New to Manufacturing Production and Operations Electronics & Computer Technology

Electrical Engineering Technology (TSAP)
Engineering Technology
Mechanical Engineering Technology (TSAP)
Engineering (No Open Enrollment)
Advanced Automation & Robotics Technology - AAS Degree
Stackable Technical Certificates
Automation & Robotics Technology
Stackable Certificate
Mechatronics Level 1

Automotive Technology- AAS Degree
Stackable Technical Certificates
Auto Body – Auto Service – Diesel Heavy Truck - Motorsports
Stackable Certificates
Advanced Diesel Electronics –Collision Repair – Electric & Hybrid Vehicle – Maintenance & Light Repair

Building Construction Technology - AAS Degree
Stackable Technical Certificates
Building Construction Management Specialist – Carpentry Specialist – Electrical Specialist
Stackable Certificates
Building Construction Management Specialist – Carpentry Specialist – Electrical Specialist

***2019-20 School Year***

Construction Management Technology - AAS Degree
Stackable Technical Certificates
Building Construction Management Specialist

Construction Management Technology - AS Degree & AS Online

Diesel Technology- AAS Degree
Stackable Technical Certificate
Diesel Heavy Truck
Stackable Certificates
Advanced Diesel Electronics – Truck Chassis

Energy Technology - AAS Degree
Stackable Technical Certificates
Electric Line Technology – Industrial Wind Technology – Natural Gas Technology – Power Plant Technology – Renewable Energy Technology

Heating, Ventilation & Air Conditioning- AAS Degree
Stackable Technical Certificate
Heating, Ventilation & Air Conditioning
Stackable Certificate
Heating, Ventilation & Air Conditioning
Advanced Manufacturing, Engineering, and Applied Sciences

Industrial Technology- AAS Degree
Stackable Technical Certificates
  Stackable Certificate

Machine Tool Technology- AAS Degree
Stackable Technical Certificates
- CNC Production Machinist – Machine tool Technology
  Stackable Certificates
- CNC Production Machinist – Machine tool Technology

Manufacturing Production and Operations - AAS Degree - Online
Stackable Technical Certificate
- Manufacturing Production and Operations - Online

***2019-20 School Year***

***Please Refer all Advising for Apprenticeship and Interdisciplinary Workforce Degree to your Campus Apprenticeship Manager/Workforce Consultant***

Construction & Industrial Apprenticeship Technology - AAS Degree
Stackable Technical Certificates
- All Apprenticeship Pathways have Stackable Technical Certificates
  Stackable Certificates
- All Apprenticeship Pathways have stackable Workforce Certificates

Interdisciplinary Industrial Workforce- AAS Degree
Stackable Technical Certificate
- All Pathways have stackable Technical Certificates
  Stackable Certificate
- All Pathways have Stackable Certificates
Ivy Tech’s New Manufacturing Pathways

Structured Pathways ➔ Embedded Certifications ➔ Contextualized Curriculum

Advanced Automation & Robotics Technology Degree (AAS) 75 credits

Industrial Technology Degree (AAS) 60 credits

Automation & Robotics Technology Degree (TC)

Industrial Electrical Technology Degree (TC)

Industrial Mechanical Technology Degree (TC)

Process Operations Technology Degree (TC)

Quality Assurance Technology Degree (TC)

Welding Technology Degree (TC)

Structural Welding Certificate (CT)

Mechatronics Certificate (CT)

Industrial Electrical Certificate (CT)

Industrial Mechanical Certificate (CT)

Interdisciplinary Industrial Workforce Certificate (CT)

*Interdisciplinary Industrial Workforce Degree (TC)
Information Technology

New Program (Web Design & Development) – pending approval – (AAS, TC, and a CT in “UX/UI”)  
• For timing reasons, not likely to be approved for rollout Fall 2019, but maybe  
• Even if not approved for Fall 2019, it is largely a mix of SDEV and VISC, and students interested in that curriculum could be ‘advised’ accordingly.

Several new CTs – pending approval –  
• In cross-IT areas (Emerging Technology, UX/UI – see above, Salesforce)  
• In program specific areas (SVAD Red Hat, AWS), SDEV (Junior/Associate Programmer)

Other – pending approval –  
• Minor curriculum changes  
• Some courses moved to Synch Online from Traditional online  
• Some online courses moved to OAU  
• A few new courses, e.g. ITSP 175
Nursing

• ASN Program: Math Requirement changes
• MEAS to NRSG Transition Track Planning/Work
• Pre-Nursing CT Work
Health Sciences

• Medical Office Administration and Insurance and Billing and Coding CT - Medical Assisting

• Pre-Nursing CT - Nursing

• TMAS - State Requirements

• Other Programs - See Handout @ Breakout
• ENGL 112 is replaced with ENGL 215
• Fine Arts Degree - MATH 123 or Higher
• COMM 212 - Culture and Communication
• New STGEC Courses:
  • ENGL 215
  • MATH 200
  • PSYC 253
  • ASTR 102
  • CHEM 101/106/211/212/215
  • BIOL 100/122
  • GERM 201/202
Breakout and Move to Individual School Designations
School of Health Sciences

Course Changes

• Therapeutic Massage
  o TMAS 220 – Removed TMAS 201 as a pre-requisite

• Healthcare Specialist
  o PHLB 257
    ▪ Pre-Requirements: PHLB 212, HLHS 121, HLHS 105 or HLHS 106, and HLCS Program Chair Approval
    ▪ Co-Requisites: HLHS 121 and HLHS 105 or HLHS 106
  o CARD 208
    ▪ Pre-Requisites: Program Advisor Approval and HLHS 121
    ▪ Co-Requisites: HLHS 121
  o CSTC 108
    ▪ Pre-Requisite: CSTC 102, CSTC 105, CSTC 107, HLHS 105, and HLHS 104
    ▪ Proposed Co-Requisite: HLHS 105
  o CSTC 105 - Proposed Pre-Requisite/Co-Requisite: HLHS 101
  o HLHS 115
    ▪ Current Co-Requisite: HLHS 102
    ▪ Proposed Co-Requisite: HLHS 102 and HLHS 101

• Kinesiology and Exercise Science
  o EXER 219 to become EXER 119

• Medical Assisting
  o MEAS 238, 239, and 209 – Added HLHS 101 as a Pre-Requisite

• Medical Imaging
  o RADT 115 – Added RADT 113 as a Co-Requisite
  o RADT 209 – Added RADT 201 as a Co-Requisite

• Respiratory Therapy
  o RESP 207 – Added RESP 201 Pre-Req/Co-Req
  o RESP 208 – Added RESP 201 as a Pre/Co Req

• Paramedic Science
  o PARM 102 Pre-Requisite Change:
    ▪ Current:
      • Completion of the ACCUPLACER placement exam
      • 18 years of age prior to course completion
      • Copy of high school diploma or GED must be supplied by course completion
      • Completion of the College Health Examination Form and required immunizations and tests, regionally determined
      ▪ Current Health Care Provider CPR card
    ▪ Changed To:
      • 18 years of age prior to course completion
      • Prior to clinical rotations, students must complete:
        o College Health Examination Form and required immunizations and screenings, regionally determined
        o Background Check
        o Drug Test
      ▪ Current Health Care Provider CPR card
  o PARM 115 – Added PARM 112 as a Co-requisite.
Curriculum Changes

Dental Assisting
  - DENT 115 (4 Credits) - To Become DENT 113 and 114 (2 Credits Each)
  - DENT 118 - To Become DENT 120 and 121
  - DENT 130 - To Become DENT 133 and 134

Healthcare Specialist
  - Added HLHS 123 to the Elective List
  - Increased Maximum on statewide electives to 22 (AAS) – 5-19 now it is 3-22

Kinesiology and Exercise Science
  - Removal of Humanities XXX and replaced with EXER XXX
  - New Courses Added – EXER 204, EXER 220, 221, 205
  - EXER 219 TO BECOME EXER 119

Physical Therapy Assistant
  - PTAS 202 - Added PTAS 201 as a co-requisite

Medical Laboratory Tech
  - MEDL 214 – Medical Chemistry - Combined MEDL 207 and MEDL 227
  - MEDL 217 – Microbiology Concentrations (replaced MEDL 215)
  - MEDL 203 – Immunohematology Techniques (New course number)
  - MEDL 216 – Microbiology Techniques
  - MEDL 218 – New Course Number to MEDL 279.
  - Removed HLHS 105 from curriculum

Medical Assisting
  - Medical Office Administration
    - Replaced CINS 101 with MEAS 2XX
    - Replaced HLHS 102 with MEAS 110
  - Insurance Billing and Coding
    - Replaced INCO 213 and 220 with MEAS 203 and 204

Respiratory Therapy
  - Replaced CHEM 101, 111, and 115 with CHEM 1XX

Radiation Therapy
  - Removed IVYT 112 as Pre-requisite into program
  - Replaced RADT 117 with RDTH 160

Optometric Tech
  - Removed APHY 101 from the AAS and replaced with OPTI 252