

Management & IS Department Chair's Report, Fall2018

prepared for the Fall 2018 IT Alliance Meeting



Romain College of Business

I would like to take this opportunity to thank...

- It Alliance Members, for your unconditional support.
- Doug Petitt, ITA Chair, Vice President, Information Technology & Chief Information Officer from Vectren Corporation, for leading today's meeting.
- CIS and CS students, who worked so hard on the senior projects they presented today.
- My hard-working, dedicated colleagues.

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- Dr. Ken Shemroske organized the Southwest Indiana Cyber Security Conference at USI in October
- Dr. Ken Shemroske has been invited to become a member of the Indiana Executive Council on Cybersecurity, representing the academic sector for our region. The council will meet several times a year in Indianapolis.
- Dr. Dinko Basic recently attended a two-day DataRobot Essentials class, in Chicago, to prepare for integrating DataRobot into CIS344 Automated Machine Learning for All, which is one of the Data Analytics for Business certificate courses.
- In spring, 2019, we will align the CIS core courses with the new certificates.
- Our MBA enrollment has reached almost to 700
- Search underway for a new CS faculty

THE SIX STAGES OF DIGITAL TRANSFORMATION



BUSINESS AS USUAL:



PRESENT AND ACTIVE:



FORMALIZED:



STRATEGIC:



CONVERGED:



INNOVATIVE AND ADAPTIVE:

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- **Data Analytics for Business Certificate--12-hour curriculum, approved, with implementation in Fall, 2019** (Initiated and developed by Dr. Dr. Dinko Bacic)

CIS333 – Data Visualization and Story Telling

CIS344 – Automated Machine Learning for All

CIS388 – Data Management for BI and Analytics

Electives – students have the option of taking one direct elective course in CIS/CS, DSCI, ECON, ENGR, MKT, POL, PSY, SOC, STAT, or TECH.

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Cyber Security Certificate — Curriculum 12 credit hours, approved, implemented this fall. (Initiated and developed by Dr. Kenneth Shemroske)

CIS367 – Data Communications

CIS345 - Information Security and Risk Management

CIS346 – Cybersecurity Assessment and Network Defense

Elective - CIS349 – Special Topics in Cybersecurity such as computer forensics - ethical hacking – cryptography, and more.

What is next:

- In spring, 2019, we will align the CIS core courses with the new certificates, to directly benefit our CIS students.
- With new CS faculty resources, we can focus more on data science.

Data Science -- Data/Business Analytics -- Business Intelligence

