

COMMISSION FOR HIGHER EDUCATION

Friday, August 10, 2012

DECISION ITEM A-2: Academic Degree Programs on Which Staff Propose Expedited Action

Staff Recommendation

That the Commission for Higher Education approve by consent the following degree programs, in accordance with the background information provided in this agenda item:

- Associate of Science in Pre-Engineering to be offered by Ivy Tech Community College-Lafayette at Lafayette
- Certificate, Technical Certificate, and Associate of Applied Science in Heating, Ventilation, and Air Conditioning (HVAC) to be offered by Ivy Tech-Richmond at Richmond and Sellersburg at Sellersburg
- Technical Certificate and Associate in Applied Science in Energy Technology to be offered by Ivy Tech-Gary at Valparaiso; South Bend at South Bend; Fort Wayne at Fort Wayne; Muncie at Muncie; Terre Haute at Terre Haute; Indianapolis at Indianapolis; Evansville at Evansville; Sellersburg at Sellersburg; and Bloomington at Bloomington
- Technical Certificate in Advanced Manufacturing to be offered by Ivy Tech-Gary at Gary, Valparaiso, and East Chicago; South Bend at South Bend and Warsaw; Fort Wayne at Fort Wayne; Lafayette at Lafayette; Kokomo at Kokomo and Logansport; Muncie at Muncie and Anderson; Terre Haute at Terre Haute; Indianapolis at Indianapolis; Richmond at Richmond and Connersville; Columbus at Columbus; Madison at Madison and Lawrenceburg; Evansville at Evansville; Sellersburg at Sellersburg; and Bloomington at Bloomington

Background

At its August and September 2004 meetings, the Commission for Higher Education began implementing a new policy on new academic degree programs on which staff proposes expedited action. These programs meet the criteria identified in that policy and are hereby presented for action by consent, in accordance with the aforementioned policy and the information presented in the supporting documents.

Supporting Documents

- (1) *Background Information on Academic Degree Programs on Which Staff Propose Expedited Action, May 25, 2012*
- (2) *Policy for New Academic Degree Programs on Which Staff Propose Expedited Action, September 2, 2004*

Background Information on Academic Degree Programs on Which Staff Propose Expedited Action

July 27, 2012

CHE 12-21 Associate of Science in Pre-Engineering to be offered by Ivy Tech Community College-Lafayette at Lafayette

Proposal received on: July 6, 2012
CIP Code: Federal – 140102; State – 140102
Projected Annual Headcount: 37; FTEs: 30; Degrees: 9

Similar Programs in the Public Sector:

The Commission approved the first A.S. in Pre-Engineering programs for Ivy Tech in May 2006 for the Valparaiso and Evansville campuses. In June 2011, the Commission approved additional A.S. in Pre-Engineering programs for Ivy Tech for the South Bend, Warsaw, Fort Wayne, and Indianapolis campuses.

Evidence of Employer Demand for the Program:

The program does not prepare students for direct entry into the workforce.

Articulation Agreements

Ivy Tech has statewide articulation agreements in place with the following public institutions, which will apply to this program: Purdue University Calumet, Purdue University North Central, IUPUI, and the University of Southern Indiana.

CHE 12-22 Certificate, Technical Certificate, and Associate of Applied Science in Heating, Ventilation, and Air Conditioning (HVAC) to be offered by Ivy Tech-Richmond at Richmond and Sellersburg at Sellersburg

Proposal received on: July 6, 2012

CIP Code: Federal – 470201; State – 470201

Richmond:

Projected Annual Headcount: 53; FTEs: 38; Degrees: 12

Sellersburg:

Projected Annual Headcount: 85; FTEs: 62; Degrees: 20

Similar Programs in the Public Sector:

In June 2011, the Commission authorized Ivy Tech to consolidate three HVAC concentrations, which were part of Certificate and Technical Certificate programs in Industrial Technology and Construction Technology, into stand alone programs. Ivy Tech is currently authorized to offer the Certificate, T.C., and A.A.S. in HVAC at the following campuses: Valparaiso, South Bend, Fort Wayne, Lafayette, Kokomo, Muncie, Terre Haute, Indianapolis, Evansville, and Bloomington.

Evidence of Employer Demand for the Program:

In June 2012, the Indiana Department of Workforce Development projected that the statewide growth rate for HVAC mechanics through 2018 will be 22 percent; the rate for the Richmond and Sellersburg Ivy Tech regions is project to be 26 and 37 percent, respectively.

Articulation Agreements

The A.A.S. in not designed to transfer, so no articulation agreements are in place.

CHE 12-23 Technical Certificate and Associate of Applied Science in Energy Technology to be offered by Ivy Tech-Gary at Valparaiso; South Bend at South Bend; Fort Wayne at Fort Wayne; Muncie at Muncie; Terre Haute at Terre Haute; Indianapolis at Indianapolis; Evansville at Evansville; Sellersburg at Sellersburg; and Bloomington at Bloomington

Proposal received on: July 6, 2012
CIP Code: Federal – 150503; State – 150503

Valparaiso:
Projected Annual Headcount: 85; FTEs: 66; Degrees: 20
South Bend:
Projected Annual Headcount: 30; FTEs: 20; Degrees: 7
Fort Wayne:
Projected Annual Headcount: 87; FTEs: 68; Degrees: 21
Muncie:
Projected Annual Headcount: 51; FTEs: 40; Degrees: 12
Terre Haute:
Projected Annual Headcount: 77; FTEs: 56; Degrees: 18
Indianapolis:
Projected Annual Headcount: 85; FTEs: 64; Degrees: 20
Evansville:
Projected Annual Headcount: 67; FTEs: 48; Degrees: 16
Sellersburg:
Projected Annual Headcount: 61; FTEs: 42; Degrees: 14
Bloomington:
Projected Annual Headcount: 73; FTEs: 54; Degrees: 17

Similar Programs in the Public Sector:

In May 2009, the Commission authorized Ivy Tech Lafayette to offer the T.C. and A.A.S. in Sustainable Energy. The name of the program was later changed to Energy Technology.

Evidence of Employer Demand for the Program:

The Center for Energy Workforce Development (CEWD) – a non-profit consortium of electric, natural gas, and nuclear energy utilities and their associations – issued its third annual report in 2011, which projects that between 40-62 percent of the utilities skilled workers and engineers could retire by 2020. According to Economic Modeling Specialists, Inc. employment growth for electric power line installers and repairs nationally will grow by 8 percent through 2016. Data on employment growth for Indiana and each of the Ivy Tech regions seeking program authorization was presented on the following occupations: industrial machinery mechanics; power plant operators; electrical and electronic repairs, powerhouse, substation, and relay; and gas plant operators.

Articulation Agreements

The A.A.S. in not designed to transfer, so no articulation agreements are in place.

CHE 12-24 Technical Certificate in Advanced Manufacturing to be offered by Ivy Tech-Gary at Gary, Valparaiso, and East Chicago; South Bend at South Bend and Warsaw; Fort Wayne at Fort Wayne; Lafayette at Lafayette; Kokomo at Kokomo and Logansport; Muncie at Muncie and Anderson; Terre Haute at Terre Haute; Indianapolis at Indianapolis; Richmond at Richmond and Connersville; Columbus at Columbus; Madison at Madison and Lawrenceburg; Evansville at Evansville; Sellersburg at Sellersburg; and Bloomington at Bloomington

Proposal received on: July 24, 2012

CIP Code: Federal – 150613; State – 150613

Gary:

Projected Annual Headcount: 8; FTEs: 6; Degrees: 2

Valparaiso:

Projected Annual Headcount: 47; FTEs: 32; Degrees: 11

East Chicago:

Projected Annual Headcount: 6; FTEs: 5; Degrees: 1

South Bend:

Projected Annual Headcount: 37; FTEs: 26; Degrees: 9

Warsaw:

Projected Annual Headcount: 43; FTEs: 27; Degrees: 10

Fort Wayne:

Projected Annual Headcount: 91; FTEs: 63; Degrees: 22

Lafayette:

Projected Annual Headcount: 37; FTEs: 27; Degrees: 9

Kokomo:

Projected Annual Headcount: 8; FTEs: 7; Degrees: 2

Muncie:

Projected Annual Headcount: 14; FTEs: 10; Degrees: 3

Anderson:

Projected Annual Headcount: 16; FTEs: 12; Degrees: 4

Terre Haute:

Projected Annual Headcount: 12; FTEs: 8; Degrees: 3

Indianapolis:

Projected Annual Headcount: 24; FTEs: 16; Degrees: 6

Richmond:

Projected Annual Headcount: 24; FTEs: 14; Degrees: 6

Connersville:

Projected Annual Headcount: 16; FTEs: 12; Degrees: 4

Madison:

Projected Annual Headcount: 8; FTEs: 6; Degrees: 2

Lawrenceburg:

Projected Annual Headcount: 8; FTEs: 6; Degrees: 2

Evansville:

Projected Annual Headcount: 28; FTEs: 18; Degrees: 7

Sellersburg:

Projected Annual Headcount: 12; FTEs: 9; Degrees: 3

Bloomington:

Projected Annual Headcount: 12; FTEs: 9; Degrees: 3

Similar Programs in the Public Sector:

In June 2008, the Commission authorized Ivy Tech to split its Manufacturing and Industrial Technology program into two separate programs: Advanced Manufacturing and Industrial Technology. The A.A.S. in Advanced Manufacturing is available in all Ivy Tech regions.

Evidence of Employer Demand for the Program:

Numerous reports cited by the College – including two issued in 2012 by the President’s Council of Advisors and Technology and by Conexus Indiana (the Indiana Manufacturing Scorecard) – emphasize the improving the skill level of Indiana’s manufacturing workforce.

Articulation Agreements

Not applicable.

Policy for New Academic Degree Programs on Which Staff Propose Expedited Action

September 2, 2004

Pursuant to the Commission's desire to expedite action on new academic degree program requests whenever possible, the staff has identified a set of factors, which though not exhaustive, suggest when a request might be considered for expedited action by consent and when a request would require Commission consideration prior to action. With respect to the latter, the presence of one or more of the following factors might suggest a significant policy issue for which Commission attention is needed before action can be taken:

- Consistency with the mission of the campus or institution
- Transfer of credit
- New program area
- New degree level for a campus
- Accreditation
- Unnecessary duplication of resources
- Significant investment of state resources

In the absence of these factors or an objection from another institution, Commission staff will propose expedited action on new program requests. Examples of situations that pose no policy issues for the Commission include, but are not limited to:

- Adding a second degree designation to an existing program (e.g. A.S. to an A.A.S.)
- Delivering an on-campus program to an off-campus site through faculty available on-site or traveling to the site
- Adding a degree elsewhere in a multi-campus system to a new campus within the system.

All requests to offer new academic degree programs must continue to be accompanied by a full program proposal, unless otherwise specified in the guidelines. It is only after a proposal is received that a determination will be suggested as to how the request might be handled.