Program Information Report

School of Digital Media Arts

Creativity abounds in the School of Digital Media Arts which encompasses the disciplines of animation, graphic design, web design and development, photography and digital video. The programs in Digital Media Arts introduce students to foundational skills in these disciplines and prepare them for creative jobs.

Washtenaw Community College offers programs at several levels for students who want to begin new careers, or advance in their existing careers. The first level is the certificate, which can vary from nine to thirty-six credits, depending on the field. Certificates generally prepare students for entry-level jobs.

The next level, an Associate Degree, is available for some programs. Credit hours from the certificate can be applied to the credit hours needed for the Associate Degree.

Web Design and Development

Join the Web development industry through the completion of these certificates and degree.

Web Development (CVWDEV)

Advanced Certificate

Program Effective Term: Fall 2014

High Demand Occupation High Skill Occupation High Wage Occupation

This program is designed for students interested in Web application development and programming. Courses focus on the knowledge and skills necessary for creating database-enabled applications, dynamic content, and interactive Web sites.

Articulation:
Eastern Michigan University, BS degree.

Copies can be obtained from the Counseling Office, a program advisor, or from the Curriculum and Assessment Office Web site: www.wccnet.edu/departments/curriculum/articulation.php?levelone=colleges.

Program Admission Requirements:
Students must complete the Web Design and Development Certificate or have significant programming and HTML5/CSS3 experience prior to starting this certificate.

Major/Area Requirements		(11 credits)
WEB 230	Web Development III	4
WEB 250	Web Development IV	4
Elective	Any CPS class or CIS 121	3-4

Minimum Credits Required for the Program: **11**

WASHTENAW COMMUNITY COLLEGE

PROGRAM CHANGE OR DISCONTINUATION FORM

Program Code: CVWBDV

Program Name: Web Development

Effective Term: Fall 2014

Division Code: BCT

Department: DMA

DISC: WEB

Directions:

1. Attach the current program listing from the WCC catalog or Web site and indicate any changes to be made.
2. Draw lines through any text that should be deleted and write in additions. Extensive narrative changes can be included on a separate sheet.
3. Check the boxes below for each type of change being proposed. Changes to courses, discontinuing a course, or adding new courses as part of the proposed program change, must be approved separately using a Master Syllabus form, but should be submitted at the same time as the program change form.

Requested Changes:

- ☐ Review
- ☒ Remove course(s): INP 271, INP 275, INP 276, INP 281, INP 291
- ☒ Add course(s): WEB 230, WEB 250,
- ☒ Program title Web Development Advanced Certificate (title was Web Application Development)
- ☐ Description
- ☐ Type of award
- ☐ Advisors
- ☐ Articulation information
- ☐ Program admission requirements
- ☐ Continuing eligibility requirements
- ☐ Program outcomes
- ☐ Accreditation information
- ☒ Discontinuation (attach program discontinuation plan that includes transition of students and timetable for phasing out courses)
- X Other Add to Restricted Electives to Get Program over 9 credits.

Show all changes on the attached page from the catalog.

Rationale for proposed changes or discontinuation:

Because of the length of our programs and the increasing complexity of the subject matter, student success and completion rates have been below expectations. We are redesigning our programs and this class to provide a more targeted path for completion and allow for more time on task as ~~they~~ students tackle this complicated topic. Our advisory committee and outside industry have worked with us on these changes as well.

Financial/staffing/equipment/space implications:

None

List departments that have been consulted regarding their use of this program.

WEB, DMA

Signatures:

Reviewer	Print Name	Signature	Date
Initiator	Scott Shaper		10/31/2013
Department Chair	Jason Withrow	Jason Withrow	11/18/13
Division Dean/Administrator	Rosemary Wilson		11/22/13
Vice President for Instruction	William Abernathy		1/15/14
President			

Do not write in shaded area. Entered in: Banner ____ C&A Database 1/24/14 **Log File** 1/24/14 **Board Approval ____**

Please submit completed form to the Office of Curriculum and Assessment and email an electronic copy to sjohn@wccnet.edu for posting on the website.

DEAN BCT DIVISION NOV 18'13

logged 11/26/13 sj

WASHTENAW COMMUNITY COLLEGE

PROGRAM CHANGE OR DISCONTINUATION FORM

Program Code: CVWBDV

Program Name: Web Application Development Advanced Certificate

Effective Term: Fall 2012

Division Code: BCT

Department: DMA

Directions:

1. Attach the current program listing from the WCC catalog or Web site and indicate any changes to be made.
2. Draw lines through any text that should be deleted and write in additions. Extensive narrative changes can be included on a separate sheet.
3. Check the boxes below for each type of change being proposed. Changes to courses, discontinuing a course, or adding new courses as part of the proposed program change, must be approved separately using a Master Syllabus form, but should be submitted at the same time as the program change form.

Requested Changes:

- ☐ Review
- ☒ Remove course(s): INP261
- ☐ Add course(s):
- ☐ Program title (title was _____)
- ☒ Description
- ☐ Type of award
- ☒ Advisors
- ☐ Articulation information
- ☐ Program admission requirements
- ☐ Continuing eligibility requirements
- ☐ Program outcomes
- ☐ Accreditation information
- ☐ Discontinuation (attach program discontinuation plan that includes transition of students and timetable for phasing out courses)
- ☐ Other _____

Show all changes on the attached page from the catalog.

Rationale for proposed changes or discontinuation:

INP 261 has been moved to the Web Technology certificate and the courses in this advanced certificate are being changed to no longer list it as a Level 1 pre-req.

Financial/staffing/equipment/space implications:

None

List departments that have been consulted regarding their use of this program.

Signatures:

Reviewer	Print Name	Signature	Date
Initiator	Scott Shaper	[signature]	12-15-2011
Department Chair	Jason Withrow / Jennifer Baker	[signature]	12/15/2011
Division Dean/Administrator	Rosemary Wilson	[signature]	2/1/12
Vice President for Instruction	Stuart Blacklaw	[signature]	3/12/12
President	Rose Bellanca		

Do not write in shaded area. Entered in: Banner_____ C&A Database 4/27 **Log File** 4/27/12 **Board Approval** _____

Please submit completed form to the Office of Curriculum and Assessment and email an electronic copy to sjohn@wccnet.edu for posting on the website.

fn done logged 2/6/12 sj✓

Program Information Report

School of Digital Media Arts

Creativity abounds in the School of Digital Media Arts which encompasses the disciplines of animation, graphic design, internet professional, photography and digital video. The programs in Digital Media Arts introduce students to foundational skills in these disciplines and prepare them for creative jobs.

Washtenaw Community College offers programs at several levels for students who want to begin new careers, or advance in their existing careers. The first level is the certificate, which can vary from nine to thirty-six credits, depending on the field. Certificates generally prepare students for entry-level jobs.

The next level, an Associate Degree, is available for some programs. Credit hours from the certificate can be applied to the credit hours needed for the Associate Degree.

Internet Professional

Join the Web development industry through the completion of these certificates and degree.

Web Application Development (CVWBDV)

Advanced Certificate

Program Effective Term: Fall 2012

This program is designed for students interested in Web application development and programming. Courses focus on the knowledge and skills necessary for creating database-enabled applications, dynamic content, and interactive Web sites.

Articulation:
Eastern Michigan University, BS degree.

Copies can be obtained from the Counseling Office, a program advisor, or from the Curriculum and Assessment Office Web site: http://www.wccnet.edu/departments/curriculum/articulation.php?levelone=colleges.

Program Admission Requirements:
Students must complete the Web Technology Certificate or have significant programming and XHTML/CSS experience prior to starting this certificate

INP 271	Client-Side Web Programming	3
INP 275	Web Database	3
INP 276	Mobile Web Development	4
INP 281	Server-Side Web Programming	3
INP 291	Programming with HTML5 and CSS3	3

Minimum Credits Required for the Program: **16**

WASHTENAW COMMUNITY COLLEGE

PROGRAM CHANGE OR DISCONTINUATION FORM

Program Code: CVWB~~AF~~ DV

Program Name: Web Application Develop~~er~~ment

Effective Term: Fall 2011

2/11/11 per JWithrow JG

Division Code: BCT

Department: Digital Media Arts

Directions:

1. Attach the current program listing from the WCC catalog or Web site and indicate any changes to be made.
2. Draw lines through any text that should be deleted and write in additions. Extensive narrative changes can be included on a separate sheet.
3. Check the boxes below for each type of change being proposed. Changes to courses, discontinuing a course, or adding new courses as part of the proposed program change, must be approved separately using a Master Syllabus form, but should be submitted at the same time as the program change form.

Requested Changes:

- ☐ Review
- ☐ Remove course(s): _____
- ☒ Add course(s): INP 261, INP 276, INP 291_____
- ☐ Program title (title was _____)
- ☐ Description
- ☐ Type of award
- ☐ Advisors
- ☐ Articulation information
- ☐ Program admission requirements
- ☐ Continuing eligibility requirements
- ☐ Program outcomes
- ☐ Accreditation information
- ☐ Discontinuation (attach program discontinuation plan that includes transition of students and timetable for phasing out courses)
- ☐ Other _____

Show all changes on the attached page from the catalog.

RECEIVED 10 NOV -3 P1:34 DEAN OF BUSINESS WASHTENAW COMMUNITY COLLEGE

Rationale for proposed changes or discontinuation:

INP programming courses are being expanded and this advanced certificate pertains to programming.

Financial/staffing/equipment/space implications:

N/A

List departments that have been consulted regarding their use of this program.

N/A – this program is used solely by INP

Signatures:

Reviewer	Print Name	Signature	Date
Initiator	Jason Withrow	Jason Withrow	9/21/2010
Department Chair	Jennifer Baker	[signature]	11/3/10
Division Dean/Administrator	Rosemary Wilson	Rosemary Wilson	11/5/10
Vice President for Instruction	Stuart Blacklaw	[signature]	1/4/11
President	Larry Whitworth		

Do not write in shaded area. Entered in: Banner_____ C&A Database 2/10/11 **Log File** 11/9/10 SJ 2/10/11 **Board Approval** _____

Please submit completed form to the Office of Curriculum and Assessment and email an electronic copy to sjohn@wccnet.edu for posting on the website.

In done

Washtenaw Community College.
Certificates and Degrees.
http://www4.wccnet.edu/academicinfo/creditofferings/programs/degree.php?code=CVWBAP

Return to web format »

Web Application Developer (CVWBAP)

Advanced Certificate

Program requirements shown below are for catalog year: 2010 - 2011 Change Year

Description:
This program is designed for students interested in Web application development and programming. Courses focus on the knowledge and skills necessary for creating database-enabled applications, dynamic content, and interactive Web sites. Successful completion of the Web Technology Certificate is a prerequisite for enrolling in the Web Application Developer Advanced Certificate.

Contact Information:
Division: Business and Computer Technologies
School: School of Digital Media Arts
Department: Internet Professional
Advisors: Kelley Gottschang, Tim White, Jason Withrow

Articulation:
Eastern Michigan University, BS degree.

Copies can be obtained from the Counseling Office, a program advisor, or from the Curriculum and Assessment Office Web site: http://www.wccnet. edu/departments/curriculum /articulation.php?levelone=colleges.

Admission Requirements:
Students must complete the Web Technology Certificate or have significant industry experience prior to starting this certificate.

Major/Area Requirements		18 (~~21~~) **Credits)**
INP 271	~~Web Coding III~~ Client-Side Web Programming	3
INP 275	Web Database	3
INP 281	~~Web Coding IV~~ Server-Side Web Programming	3
INP 291	Emerging Web Technologies	3
Minimum Credits Required for the Program:		18 **Credits**
INP 276	Rich Internet Application Programming	3
INP 261	Introduction to Web Programming	3

This website is for informational purposes only and is not to be construed as a binding offer or contract between WCC and the student. The information presented here is believed accurate, but is NOT guaranteed and is subject to change without notice.

For official information, see an Advisor.

Return to web format »

INP Curriculum Changes for Fall 2011

Revised Web Application Developer Advanced Certificate

Number	Course Title	Credits
INP 261	Introduction to Web Programming	3
INP 271	Client-Side Web Programming	3
INP 275	Web Database	3
INP 276	Rich Internet Application Programming	3
INP 281	Server-Side Web Programming	3
INP 291	Emerging Web Technologies	3

Total Credits: 18

WASHTENAW COMMUNITY COLLEGE

PROGRAM CHANGE OR DISCONTINUATION FORM

Program Code: CVWBAP **Program Name:** Web Application Developer **Effective Term:** F2009

Division Code: BCT **Department:** Internet Professional

Directions:

1. Attach the current program listing from the WCC catalog or Web site and indicate any changes to be made.
2. Draw lines through any text that should be deleted and write in additions. Extensive narrative changes can be included on a separate sheet.
3. Check the boxes below for each type of change being proposed. Changes to courses, discontinuing a course, or adding new courses as part of the proposed program change, must be approved separately using a Master Syllabus form, but should be submitted at the same time as the program change form.

Requested Changes:

- ☐ Review
- ☒ Remove course(s): INP 290, INP 295
- ☐ Add course(s): _____
- ☐ Program title (title was _____)
- ☒ Description
- ☐ Type of award
- ☒ Advisors – add Tim White
- ☐ Articulation information
- ☐ Program admission requirements
- ☐ Continuing eligibility requirements
- ☒ Program outcomes
- ☐ Accreditation information
- ☐ Discontinuation (attach program discontinuation plan that includes transition of students and timetable for phasing out courses)
- ☒ Other Credit hours changed to 9

Show all changes on the attached page from the catalog.

Rationale for proposed changes or discontinuation:

Tim White has been added as a full-time faculty member to the INP department, so he is being added to the advisors.

After completing the Web Technology certificate many students are ready to enter the industry, thus reducing their interest in (and need for) the INP 290 and INP 295 courses. Students already working in the industry see little need to take these courses. Even with offering the two courses just once per year (winter term) enrollments have been low. Over time the enrollments have continued to decline and are well under the number to successfully run the classes. By removing the courses from the advanced certificates it is easier for students to achieve those advanced certificates. Shorter and more focused certificates will help student's plan their education. Students who need to be retrained quickly because of job transitioning will be able to get their certificate faster.

Financial/staffing/equipment/space implications:
N/A

List departments that have been consulted regarding their use of this program.
N/A

Signatures:

Reviewer	Print Name	Signature	Date
Initiator	Kelley Gottschang	Kelley Gottschang	2/4/09
Department Chair	Jason Withrow	Jason Withrow	2/4/09
Division Dean/Administrator	Rosemary Wilson	Rosemary Wilson	2/12/09
Vice President for Instruction	Roger Palay	Roger M. Palay	3/19/09
President	Larry Whitworth		

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Please submit completed form to the Office of Curriculum and Assessment and email an electronic copy to sjohn@wccnet.edu for posting on the website.

Program Information Report

School of Information Technology

The School of Information Technology gathers the diverse areas that make up the computer technology of today. From basic programming languages to systems development through networking, these programs provide the core of information technology. Develop skills in computer forensics or learn how to run a successful e-business, the growing field of applied information technology is waiting for you.

Washtenaw Community College offers programs at several levels for students who want to begin new careers, or advance in their existing careers. The first level is the certificate, which can vary from nine to thirty-six credits, depending on the field. Certificates generally prepare students for entry-level jobs.

After completing a certificate, students can progress to the next level, the advanced certificate. The credit hours required for these programs also vary. This type of certificate provides a more specialized level of skill development, and often allows students to upgrade their positions at their places of employment.

The next level, an Associate in Applied Science, is available for some programs. For some career fields, it is possible to earn a certificate, advanced certificate, and an Associate in Applied Science degree in the same field. In these cases, the credit hours from the certificate and advanced certificate can be applied to the credit hours needed for the Associate in Applied Science degree.

Alternatively, students can earn an AAS in Occupational Studies by completing a certificate, advanced certificate and General Education requirements.

Internet Professional

Join the Web development industry through the completion of these certificates and degree.

Web Application Developer (CVWBAP)

Advanced Certificate

Program Effective Term: Fall 2009

This program is designed for students interested in Web application development and programming. Courses focus on the knowledge and skills necessary for creating database-enabled applications, dynamic content, and interactive Web sites. Students will have the opportunity to work with a real client and will also develop their portfolio Web sites as part of this program. Successful completion of the Web Technology Certificate is a prerequisite for enrolling in the Web Application Developer Advanced Certificate.

Program Admission Requirements:
Students must complete the Web Technology Certificate or have significant industry experience prior to starting this certificate.

Major/Area Requirements		(9 credits)
INP 271	Web Coding III	3
INP 275	Web Database	3
INP 281	Web Coding IV	3

Minimum Credits Required for the Program: **9**

E-Business (CVEBUS)

Advanced Certificat

Major/Area Requirements		(14 credits)
BMG 155	Business on the Internet	3
BMG 215	Planning an E-Commerce Business	3
INP 190	Web Project Management	3
INP 290	Web Design Practicum	3
INP 295	Professional Practices	2
Minimum Credits Required for the Program:		**14**

E-Business (CVEBUS)

This program is designed for students interested in e-bus ness. Courses focus on business and technical aspects e-commerce and Web applications, as well as the fund mentals of project management. Students will have t opportunity to work with a real client and will also develc their portfolio Web sites as part of this program. Successfi completion of the Web Technology Certificate is a prerequ site for enrolling in the E-Business Advanced Certificate

Program Admission Requirements: Students mu complete the Web Technology Certificate or have significar industry experience prior to starting this certificate.

Web Application Developer (CVWBAP)

Advanced Certificat

Major/Area Requirements		(9 ~~14~~ credits)
INP 271	Web Coding III	3
INP 275	Web Database	3
INP 281	Web Coding IV	3
~~INP 290~~	~~Web Design Practicum~~	~~3~~
~~INP 295~~	~~Professional Practices~~	~~2~~
Minimum Credits Required for the Program:		(9) ~~14~~

Web Application Developer (CVWBAP)

This program is designed for students interested in We application development and programming. Courses focu on the knowledge and skills necessary for creating dat base-enabled applications, dynamic content, and interacti Web sites. ~~Students will have the opportunity to work wit a real client and will also develop their portfolio Web site as part of this program~~. Successful completion of the We Technology Certificate is a prerequisite for enrolling in th Web Application Developer Advanced Certificate.

Program Admission Requirements: Students must com plete the Web Technology Certificate or have significar industry experience prior to starting this certificate.

Web Graphic Design (CVWBGR)

Advanced Certificat

Major/Area Requirements		(15 credits)
GDT 270	Web Site Design	4
INP 176	Web Animation I	3
INP 212	Web Graphics III	3
INP 290	Web Design Practicum	3
INP 295	Professional Practices	2
Minimum Credits Required for the Program:		**15**

Web Graphic Design (CVWBGR)

This program is designed for students interested in th creative aspects of Web development, including inter face design and interactive media. Courses focus on th knowledge and skills necessary for employment as a We graphic designer or production artist. Students will hav the opportunity to work with a real client and will als develop their portfolio Web sites as part of this program Successful completion of the Web Technology Certificat is a prerequisite for enrolling the Web Graphic Desig Advanced Certificate.

Articulation: Eastern Michigan University, BS degre Copies can be obtained from the Counseling Office, program advisor, or from the Curriculum and Assessmen Office Web site: http://www.wccnet.edu/departments/cu riculum/articulation.php?levelone=colleges.

Program Admission Requirements: Students must com plete the Web Technology Certificate or have significan industry experience prior to starting this certificate.

WASHTENAW COMMUNITY COLLEGE

PROGRAM CHANGE OR DISCONTINUATION FORM

Program Code: CVWBAP

Program Name: Web Application Developer

Effective Term: Fall 08

Division Code: BCT

Department: Internet Professional

Directions:

1. Attach the current program listing from the WCC catalog or Web site and indicate any changes to be made.
2. Draw lines through any text that should be deleted and write in additions. Extensive narrative changes can be included on a separate sheet.
3. Check the boxes below for each type of change being proposed. Changes to courses, discontinuing a course, or adding new courses as part of the proposed program change, must be approved separately using a Master Syllabus form, but should be submitted at the same time as the program change form.

Requested Changes:

- ☐ Review
- ☒ Remove course(s): _INP 280_Web Content Management__
- ☒ Add course(s): __INP 281 Web Coding IV_____
- ☐ Program title (title was _____)
- ☐ Description
- ☐ Type of award
- ☐ Advisors
- ☐ Articulation information
- ☐ Program admission requirements
- ☐ Continuing eligibility requirements
- ☐ Program outcomes
- ☐ Accreditation information
- ☐ Discontinuation (attach program discontinuation plan that includes transition of students and timetable for phasing out courses)
- ☐ Other_____

Show all changes on the attached page from the catalog.

Rationale for proposed changes or discontinuation:

INP 280 has been discontinued. The certificate will now require INP 281, Web Coding IV.

Financial/staffing/equipment/space implications:

List departments that have been consulted regarding their use of this program.

Signatures:

Reviewer	Print Name	Signature	Date
Initiator	Kelley K. Gottschang	Kelley K. Gottschang	05/01/08
Department Chair	Kelley K. Gottschang	Kelley K. Gottschang	05/01/08
Division Dean/Administrator	Rosemary Wilson		5/1/08
Vice President for Instruction			6/6/08
President			

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Web Technology (CTWBTC) — Certificate

Major/Area Requirements		(18 Credits)
INP 150	Web Coding I	3
INP 152	Web Graphics I	3
INP 153	Designing User Experience I	3
INP 170	Web Coding II	3
INP 182	Web Graphics II	3
INP 203	Designing User Experience II	3
Minimum Credits Required for the Program:		**18 Credits**

Web Technology (CTWBTC)
This program is designed for students interested in the Web development industry. Students will create standards-compliant, accessible, and usable Web interfaces that meet both user and client needs. Effective Web graphic design, user experience, and coding are stressed. Students will also learn the process of Web development, from conception to product delivery.

Program Admission Requirements: A high school course or equivalent course in basic computer skills, including use of the Internet.

Web Application Developer (CVWBAP) Advanced Certificate

Major/Area Requirements		(15 Credits)
INP 271	Web Coding III	3
INP 275	Web Database	3
~~INP 280~~	~~Web Content Management~~	~~4~~
INP 290	Web Design Practicum	3
INP 295	Professional Practices	2
ADD INP 281	Web Coding IV	3
Minimum Credits Required for the Program:		~~15~~ **Credits**

14

Should have already been changed

Web Application Developer (CVWBAP)
This program is designed for students interested in Web application development and programming. Courses focus on the knowledge and skills necessary for creating database-enabled applications, dynamic content, and interactive Web sites. Students will have the opportunity to work with a real client and will also develop their portfolio Web sites as part of this program. Successful completion of the Web Technology Certificate is a prerequisite for enrolling in the Web Application Developer Advanced Certificate.

Program Admission Requirements: Students must complete the Web Technology Certificate or have significant industry experience prior to starting this certificate.

Program Information Report

School of Information Technology

The School of Information Technology gathers the diverse areas that make up the computer technology of today. From basic programming languages to systems development through networking, these programs provide the core of information technology. Develop skills in computer forensics or learn how to run a successful e-business, the growing field of applied information technology is waiting for you.

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After completing a certificate, students can progress to the next level, the advanced certificate. The credit hours required for these programs also vary. This type of certificate provides a more specialized level of skill development, and often allows students to upgrade their positions at their places of employment.

The next level, an Associate in Applied Science, is available for some programs. For some career fields, it is possible to earn a certificate, advanced certificate, and an Associate in Applied Science degree in the same field. In these cases, the credit hours from the certificate and advanced certificate can be applied to the credit hours needed for the Associate in Applied Science degree.

Alternatively, students can earn an AAS in Occupational Studies by completing a certificate, advanced certificate and General Education requirements.

Internet Professional

Join the Web development industry through the completion of these certificates and degree.

Web Application Developer (CVWBAP)

Advanced Certificate

Program Effective Term: Fall 2008

This program is designed for students interested in Web application development and programming. Courses focus on the knowledge and skills necessary for creating database-enabled applications, dynamic content, and interactive Web sites. Students will have the opportunity to work with a real client and will also develop their portfolio Web sites as part of this program. Successful completion of the Web Technology Certificate is a prerequisite for enrolling in the Web Application Developer Advanced Certificate.

Program Admission Requirements:
Students must complete the Web Technology Certificate or have significant industry experience prior to starting this certificate.

Major/Area Requirements		(14 credits)
INP 271	Web Coding III	3
INP 275	Web Database	3
INP 281	Web Coding IV	3
INP 290	Web Design Practicum	3
INP 295	Professional Practices	2

Minimum Credits Required for the Program: **14**

WASHTENAW COMMUNITY COLLEGE

PROGRAM CHANGE OR DISCONTINUATION FORM

Program Code: CVWBAP **Program Name: Web Application Developer Advanced Certificate** **Effective Term: Fall 2007**

Division Code: BCT **Department: Internet Professional**

Directions:

1. Attach the current program listing from the WCC catalog or Web site and indicate any changes to be made.
2. Draw lines through any text that should be deleted and write in additions. Extensive narrative changes can be included on a separate sheet.
3. Check the boxes below for each type of change being proposed. Changes to courses, discontinuing a course, or adding new courses as part of the proposed program change, must be approved separately using a Master Syllabus form, but should be submitted at the same time as the program change form.

Requested Changes:

- ☐ Review
- ☒ Remove course(s): INP 280 (4 credit hours)
- ☒ Add course(s): INP 281(3 credit hours)
- ☐ Program title (title was _____)
- ☐ Description
- ☐ Type of award
- ☐ Advisors
- ☐ Articulation information
- ☐ Program admission requirements
- ☐ Continuing eligibility requirements
- ☐ Program outcomes
- ☐ Accreditation information
- ☐ Discontinuation (attach program discontinuation plan that includes transition of students and timetable for phasing out courses)
- ☒ Other Total credit hours reduced from 15 to 14.

Show all changes on the attached page from the catalog.

Rationale for proposed changes or discontinuation: New course (INP 281) created to replace outdated information in INP 280 at the request of Office of Curriculum and Assessment.

Financial/staffing/equipment/space implications: Reduce credit hours for program reduces classroom space usage.

List departments that have been consulted regarding their use of this program. Internal change only

Signatures:

Reviewer	Print Name	Signature	Date
Initiator	Jason Withrow	Jason Withrow	7/3/07
Department Chair	Kelley Gottschang	Kelley K Gottschang	7/9/07
Division Dean/Administrator	Ros emary Wilson	Rosemary Wilson	7/10/07
Vice President for Instruction	Roger Palay	Roger A. Palay	7/16/07
President	Larry Whitworth	Larry Whitworth	7/17/07

Do not write in shaded area. Entered in: Banner_____ C&A Database 9/20 Log file 7/11/07 9/20 Board Approval _____

Please submit completed form to the Office of Curriculum and Assessment and email an electronic copy to sjohn@wccnet.edu for posting on the website.

Web Technology (CTWBTC) — Certificate

Major/Area Requirements		(18 Credits)
INP 150	Web Coding I	3
INP 152	Web Graphics I	3
INP 153	Designing User Experience I	3
INP 170	Web Coding II	3
INP 182	Web Graphics II	3
INP 203	Designing User Experience II	3

Minimum Credits Required for the Program: **18 Credits**

Web Technology (CTWBTC)

This program is designed for students interested in the Web development industry. Students will create standards-compliant, accessible, and usable Web interfaces that meet both user and client needs. Effective Web graphic design, user experience, and coding are stressed. Students will also learn the process of Web development, from conception to product delivery.

Program Admission Requirements: A high school course or equivalent course in basic computer skills, including use of the Internet.

Web Application Developer (CVWBAP) Advanced Certificate

Major/Area Requirements		(15 Credits)
INP 271	Web Coding III	3
INP 275	Web Database	3
~~INP 280~~	~~Web Content Management~~	~~4~~
INP 290	Web Design Practicum	3
INP 295	Professional Practices	2
INP 281	Web Coding IV	3

Minimum Credits Required for the Program: ~~15~~ Credits 14

Web Application Developer (CVWBAP)

This program is designed for students interested in Web application development and programming. Courses focus on the knowledge and skills necessary for creating database-enabled applications, dynamic content, and interactive Web sites. Students will have the opportunity to work with a real client and will also develop their portfolio Web sites as part of this program. Successful completion of the Web Technology Certificate is a prerequisite for enrolling in the Web Application Developer Advanced Certificate.

Program Admission Requirements: Students must complete the Web Technology Certificate or have significant industry experience prior to starting this certificate.

WASHTENAW COMMUNITY COLLEGE

PROGRAM CHANGE OR DISCONTINUATION FORM

Program Code: ___CVWBAD___ **Program Name:** _____Web Application Developer_____ **Effective Term:** _F2006__

Division Code: __BCT____ **Department:** ____Internet Professional_____

Directions:

1. Attach the current program listing from the WCC catalog or Web site and indicate any changes to be made.
2. Draw lines through any text that should be deleted and write in additions. Extensive narrative changes can be included on a separate sheet.
3. Check the boxes below for each type of change being proposed. Changes to courses, discontinuing a course, or adding new courses as part of the proposed program change, must be approved separately using a Master Syllabus form, but should be submitted at the same time as the program change form.

Requested Changes:

- ☐ Review
- ☒ Remove course(s): CPS 171, CPS 185, CPS 276, CIS 270
- ☒ Add course(s): _____INP 295_____
- ☐ Program title (title was _____)
- ☒ Description
- ☐ Type of award
- ☒ Advisors
- ☐ Articulation information
- ☒ Program admission requirements
- ☐ Continuing eligibility requirements
- ☐ Program outcomes
- ☐ Accreditation information
- ☐ Discontinuation (attach program discontinuation plan that includes transition of students and timetable for phasing out courses)
- ☒ Other Credits 20/21 to 15

Show all changes on the attached page from the catalog.

Rationale for proposed changes or discontinuation:
Courses are being changed to focus more on the core web design competencies, building student skills in those areas to improve their employment prospects and attract more students to the program.

Financial/staffing/equipment/space implications:
N/A

List departments that have been consulted regarding their use of this program.
CIS

Signatures:

Reviewer	Print Name	Signature	Date
Initiator	Jason Withrow	Jason Withrow	11/2/05
Department Chair	Jason Withrow	Jason Withrow	11/2/05
Division Dean/Administrator			2/6/06
Vice President for Instruction			2/24/06

Do not write in shaded area.
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Please submit completed form to the Office of Curriculum and Assessment.

Washtenaw Community College.
Certificates and Degrees A to Z.
http://www.wccnet.edu/academicinfo/creditofferings/programs/atoz/atoz2.php?code=CVWBAD

Return to web format »

Programs: Web Application Developer (CVWBAD)

Advanced Certificate
Program requirements shown below are for catalog year: 2005 - 2006 Change Year

Description: This program is designed for students who wish to develop skills in Web application development and programming, specializing in creating dynamic server-side applications for Web sites. It provides the knowledge and skills necessary for creating database-enabled applications, dynamic content, and interactive Web sites. The student will learn and use object-oriented programming, and apply industry-standard Web technologies, protocols, concepts, and practices in the development of effective and interactive systems for the Web. Successful completion of the Web Technology Certificate is a prerequisite for enrolling in the Web Application Developer Advanced Certificate.

see attached document

Division: Business and Computer Technologies

Department: Internet Professional

Advisors: ~~Laurence Krieg,~~ Jason Withrow, Kelley Gottschang

Admission Requirements:
Students must complete the Web Technology Certificate, ~~Object-Oriented Programming with C++ Advanced Certificate~~ or have significant industry experience prior to starting this certificate.

Major/Area Requirements		**(20 - 21 Credits)**
INP 271	Web Coding III	3
INP 275	Web Database	3
INP 280	Web Content Management	4
INP 290	Web Development II	3
~~CPS 171 or~~	~~Introduction to Programming with C++~~	
CPS 185	Introduction to Visual Basic .Net Programming	~~4~~
CIS 270 or	Perl Programming	
CPS 276	Web Programming Using Apache, MySQL, and PHP	~~3 - 4~~
INP 295	Professional Practicer	2

Total Credits Required for the Program: ~~20 - 21~~ Credits
15

Additional Information:

Related Web Sites:

This website is for informational purposes only and is not to be construed as a binding offer or contract between WCC and the student. The information presented here is believed accurate, but is NOT guaranteed and is subject to change without notice.

For official information, see an Advisor.

Back to the A to Z List of Programs

Web Application Developer Advanced Certificate

First Semester	Second Semester
INP 271: Web Coding III (3)	INP 280: Web Content Management (4)
INP 275: Web Database (3)	INP 290: Web Design Practicum (3)
	INP 295: Professional Practices (2)

Total Credits: **15**

Description:

This program is designed for students interested in web application development and programming. Courses focus on the knowledge and skills necessary for creating database-enabled applications, dynamic content, and interactive websites. Students will have the opportunity to work with a real client and will also develop their portfolio website as part of this program. Successful completion of the Web Technology Certificate is a prerequisite for enrolling in the Web Application Developer Advanced Certificate.

Advisors:

Jason Withrow, Kelley Gottschang

Admission Requirements:

Students must complete the Web Technology Certificate or have significant industry experience prior to starting this certificate.

Computer Internet

Web Application Developer (CVWBAD)
Advanced Certificate

Program Effective Term: Fall 2006

This program is designed for students interested in Web application development and programming. Courses focus on the knowledge and skills necessary for creating database-enabled applications, dynamic content, and interactive Web sites. Students will have the opportunity to work with a real client and will also develop their portfolio Web sites as part of this program. Successful completion of the Web Technology Certificate is a prerequisite for enrolling in the Web Application Developer Advanced Certificate.

Program Admission Requirements:
Students must complete the Web Technology Certificate or have significant industry experience prior to starting this certificate.

Major/Area Requirements		**(15 credits)**
INP 271	Web Coding III	3
INP 275	Web Database	3
INP 280	Web Content Management	4
INP 290	Web Development II	3
INP 295	Professional Practices	2

Minimum Credits Required for the Program **15**

WASHTENAW COMMUNITY COLLEGE

PROGRAM CHANGE FORM

Program Code:	Program Name:	Effective Term:
CVWBAD	Web Application Developer	F2004

Directions:

1. Attach the current program listing from the WCC catalog and indicate any changes to be made.
2. Draw lines through any text that should be deleted and write in additions. Extensive narrative changes can be included on a separate sheet.
3. Check the boxes below for each type of change being proposed. Changes to courses, discontinuing a course, or adding new courses as part of the proposed program change, must be approved separately using a Course Syllabus Form, but should be submitted at the same time as the program change form.

Requested Changes:

- ☒ Remove 1 course(s)
- ☒ Add 1 course(s)
- ☐ Total credits: Current credits_____ After changes _____
- ☐ Title (title was _____)
- ☐ Description

Show all changes on the attached page from the catalog.

- ☐ Advisors
- ☐ Articulation information
- ☐ Program admission requirements
- ☐ Continuing eligibility requirements
- ☐ Program outcomes

Other _____

Rationale for proposed changes:

Current INP 270 course was incorrectly numbered, causing a conflict with a previously offered course. Course number is being changed to INP 271 (see Course and Syllabus Form submitted with this document).

Financial/staffing/equipment/space implications:

List departments that have been consulted regarding the use of this program.

Signatures:

Reviewer	Print Name	Signature	Date
Program Change Initiator	Jason Withrow	Jason Withrow	3/10/04
Department Chair	Jason Withrow	Jason Withrow	3/10/04
Division Dean/Administrator	Rosemary Wilson	Rosemary Wilson	3/17/04
Vice President for Instruction	Roger Palay	Roger M. Palay	3/25/04

Please submit completed form to the Office of Curriculum and Articulation Services.

Office of Curriculum & Articulation Services

Program Change Form 8-2003

Processed . . .

Access Program File 4/5

Log 4/5

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Office of Curriculum & Articulation Services

Programs: Web Application Developer (CVWBAD)

Advanced Certificate

Program requirements shown below are for catalog year: 2003 - 2004 Change Year

Description: This program is designed for students who wish to develop skills in web application development and programming, specializing in creating dynamic server-side applications for websites. It provides the knowledge and skills necessary for creating database-enabled applications, dynamic content, and interactive websites. The student will learn and use object-oriented programming, and apply industry-standard web technologies, protocols, concepts, and practices in the development of effective and interactive systems for the web. Successful completion of the Web Technology Certificate is a prerequisite for enrolling the Web Application Developer Advanced Certificate.

Division: Business and Computer Technologies

Department: Internet Professional

Advisors: Laurence Krieg, Jason Withrow

Admission Requirements:
Students must complete the Web Technology Certificate, Object-Oriented Programming Certificate or have significant industry experience prior to starting this certificate.

Major/Area Requirements		**(20 - 21 Credits)**
INP ~~270~~ 271	Web Coding III	3
INP 275	Web Database	3
INP 280	Web Content Management	4
INP 290	Web Development II	3
Choose:	CPS 171 Introduction to Programming with C++ or	
	CPS 185 Introduction to Visual Basic .Net Programming	4
Choose:	CIS 270 Perl Programming or	
	CPS 276 Web Programming Using Apache, MySQL, and PHP	3 - 4

Total Credits Required for the Program: **20 - 21 Credits**

Web Application Developer (CVWBAD)
Advanced Certificate

Program Effective Term: Fall 2004

This program is designed for students who wish to develop skills in web application development and programming, specializing in creating dynamic server-side applications for websites. It provides the knowledge and skills necessary for creating database-enabled applications, dynamic content, and interactive websites. The student will learn and use object-oriented programming, and apply industry-standard web technologies, protocols, concepts, and practices in the development of effective and interactive systems for the web. Successful completion of the Web Technology Certificate is a prerequisite for enrolling the Web Application Developer Advanced Certificate.

Program Admission Requirements:
Students must complete the Web Technology Certificate, Object-Oriented Programming Certificate or have significant industry experience prior to starting this certificate.

Major/Area Requirements		**(20 credits)**
INP 271	Web Coding III	3
INP 275	Web Database	3
INP 280	Web Content Management	4
INP 290	Web Development II	3
CPS 171 or	Introduction to Programming with C++	
CPS 185	Introduction to Visual Basic .Net Programming	4
CIS 270 or	Perl Programming	
CPS 276	Web Programming Using Apache, MySQL, and PHP	3-4

Minimum Credits Required for the Program: **20**

Computer Internet

Web Application Developer (CVWBAD)
Advanced Certificate

'UNDER CONSTRUCTION'

Program Effective Term: Fall 2003

This certificate prepares you for employment as a web application developer/programmer. These professionals specialize in creating dynamic server-side applications for websites. Courses focus on basic object-oriented programming concepts, developing database-enabled web applications, creating dynamic content for the web and creating effective and interactive systems for the web.

Business and Computer Technologies Division
Internet Professional Department

Advisor:

Program Admission Requirements:
Students must complete the Web Technology Certificate, Object-Oriented Programming Certificate or have significant industry experience prior to starting this certificate.

Major/Area Requirements (21 Credits)

INP 270	Web Coding III	3
INP 275	Web Database	3
INP 280	Web Content Management	4
INP 290	Web Development II	3
Choose:	CPS 171 Introduction to Programming with C++ or CPS 185 Introduction to Visual Basic .Net Programming	4
Choose:	CIS 270 Perl Programming or CPS 276 Web Programming Using Apache, MySQL, and PHP	4

Minimum Credits Required for the Program: 21

PROGRAM APPROVAL DOCUMENT (PAD)

Program Name: Web Application Developer Program Code:

Division: BCT Department: INP CIP Code:

Type of Award: ☐A.A. ☐A.S. ☐A.A.S. ☐ Certificate ☐ Certificate of Completion ☒ Advanced Certificate ☐ Post/Cert

Is this an occupational program eligible for Perkins Funding? ☐yes ☐no Effective Year: Fall 2003

Program Features

Provide a general description of the program's purpose and general goals. State the criteria for entry into the program, along with projected enrollment figures. Explain any connection to other WCC programs, as well as accrediting agencies or professional organizations. Note any special features of the program, such as jobs for which the student will be prepared, as well as potential career paths.

This certificate prepares you for employment as a web application developer/programmer. These professionals specialize in creating dynamic server-side applications for websites. Courses focus on basic object-oriented programming concepts, developing database-enabled web applications, creating dynamic content for the web and creating effective and interactive systems for the web.

Students should have completed the Web Technology Certificate, Object-Oriented Programming Certificate or have significant industry experience prior to starting this certificate.

The current INP program has approximately 850 students enrolled in classes for the 2002-2003 semester. Approximately 2/5 of these students are currently taking Technical-Option classes or are pursuing the Technical-Option certificate or degree.

We are not currently going to offer industry certification with this program. However, we are looking at organizations such as CIW, Adobe and Macromedia for possible accreditation in the future.

Students can combine this certificate with the Web Technology Certificate and the necessary General Education requirements to complete the Associate Degree in Applied Science, or they can build upon these foundation skills with one of our specialized Advanced Certificates.

Our Associate Degree in Applied Science can currently be transferred to Wayne State University and Eastern Michigan University in the following programs:

- EMU College of Technology - Technology Management

  The articulation agreement states that INP students can transfer their INP Associate in Applied Science degree directly to the Technology Management program. The INP credits will count toward the Technical Concentration credits (46 credits) and some of the General Education requirements. This is a 2+2 agreement.

- EMU College of Technology - Communication Technology

  INP students can transfer almost all of their INP Associate in Applied Science degree to the Communication Technology program. The INP credits will count toward the Technical Concentration credits as well as some of the General Education requirements. Advisors in the Communication Technology have agreed to work with INP students on an individual basis to figure out the best solution for transferring credits.

Need

State the need for the program and provide evidence to support the stated need.

The current INP curriculum does not provide enough flexibility to add in new material as technologies evolve. We are limited by the number of credits required for both the Certificate (36) and Associate Degree (64). We cannot add new material without removing old material, and the evolution of Web technology doesn't always mean that old technology disappears.

In addition, students do not get enough of a well-rounded foundation, nor do they have the opportunity to specialize in a particular area of web development. Currently they have only two options: Design or Technical. These are somewhat vague and do not give the students enough of a specialization to compete in a tight economic market.

We have created a new structure that allows students the flexibility to obtain multiple advanced certificates as well as the opportunity to obtain a more well-rounded preparation for employment. In addition, it provides a framework into which new content can be added as the industry evolves. Furthermore, the new curriculum structure also allows students to obtain certification in a more reasonable amount of time - 2 semesters for each certificate as opposed to 3 full semesters plus spring semester.

The Web Application Developer certificate is one of several new certificates we are offering with this new structure. It allows students who have completed the Web Technology certificate to specialize in an area of web development (creating web applications). This provides students with both the core skills necessary for all web developers as well as specialized skills to give them a competitive advantage.

The INP Advisory Committee has verified the need for these changes to the INP curriculum in order to make sure our students are receiving the necessary skills for employment in an increasingly competitive market.

Outcomes

State the overall knowledge to be gained, skills to be learned, and attitudes to be developed by students who participate in this program.

Students will acquire a foundation knowledge of web design and development from the Web Technology Certificate and will then refine their skills in the area of web application development with this Advanced Certificate. Skills to be learned include object-oriented programming, creating database-enabled, dynamic websites and creating effective and interactive systems for the web. Students will also gain experience working with a real client as well as additional experience working in a team environment.

Curriculum

List the sequence of courses in the program by semester, including credit hours, co- and pre-requisites.

Number	Course	Credits	Pre-requisites*
First Term			
INP 270	Web Coding III	3	INP 170
INP 275	Web Databases	3	INP 170
Restricted Elective - choose one of the following:			
CPS 171	Introduction to Programming with C++	4	CPS 120 (Level II)
- or -			
CPS 185	Introduction to Visual Basic Programming	4	CPS 120 (Level II)
Second Term:			
INP 280	Web Content Management	4	(CPS 171 or 185) and INP 270
INP 290	Web Development II	3	INP 170 and 190
Restricted Elective - choose one of the following:			
CIS 270	Perl Programming	3	CIS 265 (Level II)
- or -			
CPS 276	Web Programming Using Apache, PHP and MySQL	4	CPS 171 or 185 or CIS 175 or CIS 277 (Level II)

* Pre-requisites assumed to be Level I unless otherwise stated.

Credits required to complete the program: 20-21

Assessment
Describe the assessment process that will be used to determine the effectiveness of the program.

The outcomes expected upon successful completion of this program include:

- Obtain the necessary skills for successful employment in reasonable amount of time
- Enhance existing skills (for professional development students)

Direct measures to be used in assessing these outcomes may include:

- Portfolio assessment

Indirect measures to be used in assessing these outcomes may include:

- Employer surveys
- Annual graduate surveys
- Alumni surveys

Budget
Specify program costs in the following areas, per academic year, including any start-up costs: faculty, training, travel, materials, resources, facilities, equipment, and any other costs.

There will be no start-up or additional costs for this program. The current year's budget (2002-2003) will be sufficient for supporting this new program.

Faculty: $230,900

Training/Travel: approximately $3000

Resources: No new resources needed

Facilities: Existing facilities in GM 005, GM 018 and TI 237 are sufficient

Equipment: No new equipment needed, including software and hardware

Additional Costs: None anticipated

Approval Recommended:	Print Name	Signature	Date
Program Initiator:	Catherine Hayes	Catherine Hayes	3/14/03
Dept. Chair/Director:	Catherine Hayes	Catherine Hayes	3/14/03

Dean/Administrator: Rosemary Wilson Rosemary Wilson 3/7/03

VP of Instruction: Roger M. Patsey 3/26/03

President: LARRY WHITWORTH Larry Whitworth 4/18/02

Date of Board Approval:

Needs Assessment

Needs assessment was deemed unnecessary because this program (together with the additional certificates) is effectively replacing an existing program - CFINPC.

Advisory Committee

List the names, titles, and organizational affiliations of members of the advisory committee that has been selected to advise the college on the development and implementation of this occupational program. Include the committee's program recommendations.

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WASHTENAW COMMUNITY COLLEGE
PRELIMINARY PROGRAM APPROVAL FORM

Proposed Name of Program: __
Web Application Developer

Faculty/Initiator(s): Catherine Hayes, Laurence Krieg, Jason Withrow

Division: BCT **Department:** INP **Projected Start up Term:** FALL 2003

Type of Program: ☐ A.A. ☐ A.S. ☐ A.A.S.

☐ Certificate of Completion ☐ Certificate ☒ Advanced Certificate ☐ Post Associate Certificate

1. General Description of Program (purpose, curriculum design, need for new courses):

This certificate prepares you for employment as a web application developer/programmer. These professionals specialize in creating server-side applications for websites. Courses focus on basic object-oriented programming concepts, developing database-enabled web applications, creating dynamic content for the web and creating effective and interactive systems for the web.

2. Need/rationale for Program (new jobs, industry changes, transfer etc...):

As web development needs become more complex, varied and specialized, there is an increasing need for developers who specialize in creating dynamic, interactive web-based applications that are database-enabled. The need for this specialization has increased as websites become larger and user demands more complex. In addition, many businesses and organizations need to put internal systems and processes online, which requires programmers who can create interactive web-based systems that can organize and manipulate large amounts of information.

Our Advisory Committee as well as several industry organizations and trade journals have concurred this need.

3. Enrollment Projections:

The current INP program has approximately 600 students enrolled in classes for the 2002-2003 academic year. Of the students pursuing a certificate or degree in the INP program, less than the majority have a technical focus. While an approximate number is difficult to project at this point, it's possible that up to 50 - 100 students could pursue the Web Application Developer certificate.

4. Instructional Resources and Space Needs (equipment, labs, classrooms, consumable supplies):

All necessary resources already exist.

5. Faculty Resources (full-time, part-time, consultant):

All necessary resources already exist.

6. Curricular Connections/Accreditations (Other WCC instructional units affected, articulation agreements):

This certificate can be used in conjunction with the INP Web Technology certificate to form the basis for the INP Associate in Applied Science degree. This degree can then be transferred to two different programs at Eastern Michigan University:

EMU College of Technology - Technology Management
- The articulation agreement states that INP students can transfer their INP Associate in Applied Science degree directly to the Technology Management program. The INP credits will count toward the Technical Concentration credits (46 credits) and some of the General Education requirements. This is a 2+2 agreement.

EMU College of Technology - Communication Technology
- INP students can transfer almost all of their INP Associate in Applied Science degree to the Communication Technology program. The INP credits will count toward the Technical Concentration credits as well as some of the General Education requirements. Advisors in the Communication Technology have agreed to work with INP students on an individual basis to figure out the best solution for transferring credits.

7. Program Development Plan (timetable, costs, personnel):

All courses relevant to this new program either already exist in the current INP curriculum or are already developed and waiting approval from the Curriculum Committee for inclusion in the Fall 2003 curriculum. Once approved, we plan to implement this program starting Fall 2003.

The current INP curriculum will be replaced with this new program. To help students, advisors and other faculty through the transition, we plan to take the following measures:

1. All INP students will be sent a letter during the Spring/Summer semester informing them of the upcoming changes. This mailing will also include the list of equivalent courses in the new program and the contact information for all full-time INP faculty.

2. An email containing the same information as the letter will be sent to the INP student email list (inp-announce@wccnet.org).

3. The INP website will be updated to reflect the new certificates and associate's degree and will prominently feature the course equivalencies between the old and the new programs.

4. INP faculty will hold an informational session for the WCC counselors and advisors to introduce them to the new certificates and degrees and provide them with the course equivalency information.

5. INP faculty will take part in academic advising sessions to assist students in choosing the appropriate classes in the new curriculum.

No additional costs or personnel are necessary for the development, implementation or maintenance of this program.

Signatures:

Faculty/Initiator: _____ Date: 2/26/03

Department Chair/Director: _____ Date: 2/26/03

Comments:

Dean(s)/Administrator: _____ Date: 3/3/03

Comments:

Vice President of Instruction:

☒ Approved for development of Program Approval Document (PAD)

☐ Returned for additional review/development (details attached)

☐ Not approved

Signature: _____ Date: 3/26/03

Copies: IAC: _____ , Curriculum Committee: _____
Copies: President's Staff, Faculty/Initiator, Department Chair/Director, Dean, Curriculum Files