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### Change Abbreviation Chart

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<tr>
<th>Dc</th>
<th>Program Revision</th>
<th>A-Tr</th>
<th>Academic Transfer</th>
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<td>P-Tr</td>
<td>Professional/Technical</td>
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<td>Prerequisite</td>
<td>F</td>
<td>Coop Fee</td>
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<tr>
<td>C</td>
<td>Capacity</td>
<td>Tu</td>
<td>Tuition Type</td>
</tr>
<tr>
<td>D</td>
<td>Catalog Course Description</td>
<td>Comp</td>
<td>Use of Computer</td>
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<td>CCLO</td>
<td>Course Content Learning Outcomes</td>
<td>RI</td>
<td>Related Instruction requirement</td>
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<td>Campus Wide Learning Outcomes</td>
<td>G</td>
<td>Grading</td>
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<td>Ad</td>
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<td>Cross Divisional Impact</td>
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**COURSE ADOPTION REVISION**  
**NEW COURSE**

The college is committed to assisting disabled and disadvantaged students with problems they may encounter at Green River. For information, registration assistance, accessibility, advisory, and liaison with faculty and staff, contact the disabled student services coordinator (ext. 2892).

**No reason for changes**

---

**Course Abbreviation:** BUS 340  
**Capacity:** 24  
**Long Course Title:** Project Management  
*(48 characters including spaces)*

**Short Course Title:** Project Management  
*(24 characters including spaces)*

---

**Tuition**  
- Normal  
- Different  
- Exempt

---

**Number of Sections Offered Each Quarter:**

<table>
<thead>
<tr>
<th>Quarter</th>
<th>Summer</th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
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**Number of Credits**

If variable credits, please fill in a minimum and maximum credit value. If not, variable credits, please fill in the credit under minimum column.

- Discussion/Lecture: 55
- Applied Learning (Lab): 
- Clinical (On-Site): 
- Total Contact Hours: 

---

**Fee Justification**  
*(Specify if for printed materials, classroom supplies, computer equipment, etc)*

---

**Will this course require computers?**

- Open Lab
- Classroom
- Library

---

**Will this course require library to purchase more library and media resources?**

- No  
- Yes

---

**Catalog Course Description** *(Must not exceed 60 words)*

Examines the theories and best practices for completing projects on time, on budget, and to specification. Students will learn to apply knowledge and skills to effectively initiate, plan, execute, and complete projects. Software-based project management tools will also be discussed. Course aligns with current PMBOK Guide.

---

**Prerequisites (if any)**

*(Make sure prerequisites are clear, especially when and/or or's are used. This could be interpreted several ways, use commas to clarify or write it out clearly.)*

**Admission into a bachelor’s program and instructor's permission.**

---

**Date Submitted:** 11/18/2012  
**Division Submitting:** 2B - Business  
**Effective Date:**  
- Quarter: Summer  
- Acad Year: 2013-2014

---

**Coop Fees**

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### Course Content Learning Outcomes

1. Define a project and how it contrasts with ongoing operations.
2. Demonstrate ability to identify stakeholders.
3. Demonstrate ability to write project charter, scope of work, communications plan, and responsibility matrix.
4. Examine risks to a project and methods for mitigating those risks.
5. Demonstrate ability to build a Work Breakdown Structure.
6. Demonstrate ability to identify task relationships and schedule tasks based on available resources.
7. Demonstrate ability to estimate project costs and timelines.
8. Demonstrate ability to rebalance project schedule and understand impact to cost, schedule, and quality.
9. Understand keys to building strong project team and solving common project problems.
10. Examine methods for monitoring project and closing out project.
11. Demonstrate ability to use common project management software tools to assist scheduling, estimating, and monitoring of project.

### Academic Transfer (Baccalaureate)

Does this course transfer to a baccalaureate institution? If yes, please select one or more applicable distribution below. Note that course transferability depends on acceptanc of at least 3 major Washington state universities.

#### Meets General Education Requirement (GER/GUR):
Select one or more from the list below

- [ ] Basic Skills/Communication
- [ ] Basic Skills/Quantitative Skills
- [ ] Humanities/Fine Arts/English
- [ ] Social Science
- [ ] Natural Science
- [ ] Lab Science
- [ ] Lifetime Fitness/Wellness/Activity

Activity is defined as a fully instructed course of study that primarily involves the student in an activity that develops technique or a skill. Explain in the space provided below, in 25 words or less, how this course meets the Activity requirement as defined above.

### Course is applicable to one or more of the following degrees:
Select one or more from the list below

- [ ] Associate in Arts degree (AA-DTA)
- [ ] Associate in Business (AB-DTA)
- [ ] Associate in Elementary Education (AEE-DTA)
<table>
<thead>
<tr>
<th>Program</th>
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<td>AM-DTA</td>
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<td>Associate in Pre-Nursing</td>
<td>APren-DTA/MRP</td>
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<td>AS-T Opt 1</td>
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<td>Associate of Science-Transfer</td>
<td>AS-T Opt 2</td>
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<td>Associate in Biology Education</td>
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<tr>
<td>Associate in Physics Education</td>
<td>AS-T Opt 2</td>
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<tr>
<td>Associate in Mechanical/Civil/Aeronautical/Industrial/Material Sciences Pre-Engr</td>
<td>AS-T Opt 2 MRP</td>
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<tr>
<td>Associate in Biological or Chemical Pre-Engr</td>
<td>AS-T Opt 2 MRP</td>
</tr>
<tr>
<td>Associate in Computer or Electrical Pre-Engr</td>
<td>AS-T Opt 2 MRP</td>
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</tbody>
</table>

List applicable programs in space provided below
List applicable programs in space provided below:

Campus-Wide Learning Outcomes (CWLO)
Select applicable from the list below and explain how students will demonstrate outcomes in the space provided:

- Critical Thinking
  1. Apply relevant criteria and standards when evaluating information, claims and arguments.
  2. Use appropriate reasoning to evaluate problems, make decisions and formulate solutions.
  3. Give reasons for conclusions, assumptions, beliefs and hypotheses.
  4. Seek out new information to evaluate and reevaluate conclusions, assumptions, beliefs and hypotheses.
  5. Exhibit traits evidencing disposition to reflect, assess and improve thinking or products of thinking.

Will be assessed through creation of project deliverables.

Responsibility

1. Identify and comply with clearly stated expectations, policies and procedures.
2. Recognize and accept consequences resulting from a failure to comply with stated expectations, policies and procedures.

3. Meet obligations necessary to complete individual and group tasks.

Will be assessed through creation of project deliverables.

4. Clearly communicate to affected parties any difficulties that may prevent them from fulfilling obligations.

5. Demonstrate common courtesies and show respect for the needs, difficulties, and rights of others.

Will be demonstrated through group projects.

6. Strive for excellence in contributions, performances and products.

7. Complete work independently and appropriately acknowledge the source of ideas and contributions of others.

Quantitative and Symbolic Reasoning

Written Communication

### Professional/Technical Degrees - Does this course apply towards a professional/technical degree?

<table>
<thead>
<tr>
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<th>Associate in Applied Science (AAS)</th>
<th>Professional/Technical Cert (Cert-P)</th>
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### Related Instruction Requirements:

Does this course meet the Related Instruction requirements for professional/technical degrees? If yes, select one or more from the following list.

- Written Communication
- Oral Communication
- Computation
- Human Relations

However, if you chose Human Relations from the list above, you must also choose a minimum of 80% (8 out of 10) of the US Dept of Labor Secretary’s Commission on Achieving Necessary Skills (SCANS) attributes listed below:

Demonstrates Responsibility
Demonstrates Self-worth
Demonstrates sociability in groups
Demonstrates self-management
Demonstrates integrity/honesty

Participates as a team member
Teaches/help others
Exhibits leadership
Negotiates Agreements
Appreciates and works with diverse group

Advisory Committee Approval Date __________

**Evaluation: (Grading System)**

- Pass/No Credit
- Satisfactory
- Competency-Based

**SIGNATURE APPROVALS**

Initiator: (Date): Faculty Course Review Committee (FCRC): (Date):

Division Chair: (Date): Instruction Council (IC): (Date):

Dean of Instruction: (Date): Vice President of Instruction: (Date):

---

**Institutional Intent Code:  CIP Code:  Educational Program Code:**

Preliminary Approval Requested

---

Do not write below line: For Education Support Services USE only:

---

**Course Abbreviation:** CMST 266  
**Capacity:** 28  

**Long Course Title:** Film and Television as Popular Culture  
(46 characters including spaces)  
**Short Course Title:** Film & TV as Pop Culture  
(24 characters including spaces)  

**Tuition**  
- Normal  
- Different  
- Exempt  

**Number of Sections Offered Each Quarter:**  
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<th>Winter</th>
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**Number of Credits**  
If variable credit, please fill in a minimum and maximum credit values.  
If not, variable credit, please fill in the credit under minimum column.

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**Contact Hours**  
- Discussion/Lecture: 55  
- Applied Learning(Lab)  
- Clinical (On-Site)  
- Total Contact Hours  

**Coop Fees**  
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**Fee Justification**  
(Specify if for printed materials, classroom supplies, computer equipment, etc)  
- Classroom Supplies and printed materials  

**Will this course require computers?**  
- Yes  
- No  
- Open Lab  
- Classroom  
- Library

**Catalog Course Description**  
*Must not exceed 60 words*  
Studies the dramatic and cinematic aesthetics of modern film and episodic television. Focuses on the examination of popular film and TV dramas and sitcoms for greater understanding of the power and scope of popular culture. Considers the role of pop culture in both society and self awareness. Satisfies a Humanities/Fine Arts/English requirement for AA degree. Formerly DRMA/FILM 141.
Eligible for ENGL 100 or instructor's permission.

### Course Content Learning Outcomes

Students will:
- Apply aesthetic standards to current films and episodic television.
- Understand diversity in our culture, as expressed in current films and episodic TV.
- Practice critical examination of films and television through various sources for a wider understanding of contemporary popular culture.
- Analyze the contemporary films and TV for prevailing images, values, and ideas.
- Examine various philosophies and definitions of popular culture and its impacts.
- Engage in interactive study of popular culture through film and television.

### Academic Transfer (Baccalaureate)

Does this course transfer to a baccalaureate institution? **If yes, please select one or more applicable distribution below.**

Note that course transferability depends on acceptance of at least 3 major Washington State universities.

Meets General Education Requirement (GER/GUR): Select one or more from the list below

<table>
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<th>Basic Skills/Communication</th>
<th>Diversity, check box and submit a separate form to the Diversity Committee.</th>
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<tbody>
<tr>
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</tr>
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<td></td>
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<tr>
<td>Lifetime Fitness/Wellness/Activity</td>
<td></td>
</tr>
</tbody>
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Course is applicable to one or more of the following degrees: Select one or more from the list below

- **Associate in Arts degree (AA-DTA)**
- **Associate in Business (AB-DTA)**
<table>
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</table>
List applicable programs in space provided below

<table>
<thead>
<tr>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transfer (AAS-T)</td>
</tr>
</tbody>
</table>

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<tr>
<td>Program 3</td>
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<tr>
<td>Program 2</td>
</tr>
<tr>
<td>Program 3</td>
</tr>
</tbody>
</table>

Campus-Wide Learning Outcomes (CWLO)

Select applicable from the list below and explain how students will demonstrate outcomes in the space provided:

- Critical Thinking
- Responsibility
- Quantitative and Symbolic Reasoning
- Written Communication

1. Demonstrate use of a writing process.

Many assignments will be formal essays.

2. Demonstrate a clear sense of purpose, focus, thesis, or design in writing.

All written work will be argumentative in nature.
3. Demonstrate the ability to develop an idea with support.

Professional/Technical Degrees - Does this course apply towards a professional/technical degree?

<table>
<thead>
<tr>
<th>Associate in Applied Arts</th>
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<tr>
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</tbody>
</table>

1. Demonstrate audience awareness in writing.
2. Demonstrate appropriate methods of integrating and documenting outside sources.
3. Demonstrate clear organization of thoughts in coherent written form.
4. All written assignments will require research for support.
5. All written work will be argumentative in nature.
6. Demonstrate ability to use common tools of information research in writing.

Related Instruction Requirements:

- Written Communication
- Oral Communication
- Computation
- Human Relations

All written work will be argumentative in nature.

8. Demonstrate appropriate choice of format, style and tone for each particular writing assignment.

All written work will be argumentative in nature.

However, if you choose Human Relations from the list above, you must also choose an additional minimum of 80% (8 out of 10) of the US Dept of Labor Secretary’s Commission on Achieving Necessary Skills (SCANS) attributes listed below:

- Demonstrates Responsibility
- Demonstrates self-worth of others
- Demonstrates self-management
- Demonstrates integrity/honesty
- Demonstrates sociability in groups
- Participates as a team member
- Teaches/helps others
- Exhibits leadership
- Negotiates Agreements
- Appreciates and works with diverse group

Advisory Committee Approval Date

Evaluation: (Grading System)

Grades will be assigned in accordance with the decimal grading system as outlined in the college catalog.

- Pass/No Credit
- Satisfactory
- Competency-Based

### SIGNATURE APPROVALS

<table>
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<th>Name</th>
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<td>William Scott</td>
<td></td>
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<td>Faculty Course Review Committee (FCRC):</td>
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<td></td>
</tr>
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</table>

**Institutional Intent Code:** 11  
**CIP Code:** 50.0101  
**Educational Program Code:**

**Preliminary Approval Requested**

---

**Reviewed/Processed by:** Educational Support Services  
**Date:**

---

[1/7/2013](https://www.gatornet.greenriver.edu/car/print/revised-car.aspx?crs=CMST+266&div=4L - ...)
**COURSE ADOPTION REVISION**

**NEW COURSE**

The college is committed to assisting disabled and disadvantaged students with problems they may encounter at Green River. For information, registration assistance, accessibility, advisory, advocacy, and assistance, contact the disabled student services coordinator (ext. 2801).

No reason for changes.

---

**Course Abbreviation:** CMST 338  
**Capacity:** 24  
**Long Course Title:** Diversity in the Workplace  
**(48 characters including spaces)**  
**Short Course Title:** Organizational Diversity  
**(24 characters including spaces)**

---

**Date Submitted:** 10/25/2012  
**Division Submitting:** 4L - Humanities  
**Effective Date:**  
- Quarter: Summer  
- Acad Year: 2013-2014  

---

**Number of Sections Offered Each Quarter:**

<table>
<thead>
<tr>
<th>Quarter</th>
<th>Summer</th>
<th>Fall</th>
<th>Winter</th>
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</tr>
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<td></td>
<td>0</td>
<td>1</td>
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<td>1</td>
</tr>
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</table>

---

**Number of Credits**

If variable credit, please fill in a minimum and maximum credit values. If not, variable credit, please fill in the credit under minimum column.

<table>
<thead>
<tr>
<th>Number of Credits</th>
<th>Minimum</th>
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</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5</td>
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**Contact Hours**

<table>
<thead>
<tr>
<th>Type</th>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discussion/Lecture</td>
<td>55</td>
<td>55</td>
</tr>
<tr>
<td>Applied Learning (Lab)</td>
<td></td>
<td></td>
</tr>
<tr>
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<td></td>
</tr>
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**Fee Justification**

(Specify if for printed materials, classroom supplies, computer equipment, etc)

<table>
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<tr>
<th>Coop Fees</th>
<th>Amount</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>0.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Indicate when variable credits apply**

- None

**Sequence Course(s)**

*(if applicable)*

**Cross-Listed Course(s)**

*(if applicable)*

---

**Will this course require computers?**

- [ ] No  
- [x] Yes  
- [ ] Open Lab  
- [ ] Classroom  
- [ ] Library

---

**Will this course require library to purchase more library and media resources?**

- [ ] No  
- [ ] Yes  
- [ ] Open Lab  
- [ ] Classroom  
- [ ] Library

---

**Catalog Course Description** *(Must not exceed 60 words)*

This course will explore and analyze the issues, challenges and opportunities related to changing demographics and increasing diversity in the workplace. Through intercultural communication theories, concepts, and principles, the course will examine ways in which challenges of effective communication in a diverse workplace can be identified and work to develop tools and skills to improve communication competency in these situations.

---

**Prerequisites (if any)** *(Make sure prerequisites are clear, especially when and's & or's are used. This could be interpreted several ways, use commas to clarify or write it out cleanly.)*

---

**Course Content Learning Outcomes**

*List student achievement during course*
Admission into a bachelor's program, and ENGL & 101, and instructor's permission.

* Students will be able to explain what is encompassed under the term diversity and the various workplace populations it can address. * Students will be able to discuss and write about the history of diversity in the workplace and the challenges posed by changing demographics in the workplace. * Students will be able to define key diversity terms, types of discrimination, productive characteristics of diversity, and inclusion practices and policies. * Students will be able to research and examine research supportive of individual and organizational benefits of diversity. * Students will be able to explain some tools and strategies organizations can use to promote diversity and inclusion in the workplace. * Students will be able to explain the tensions that can arise in a workplace setting between in-groups and out-groups. * Students will be able to research, examine, and apply some of the key legislative efforts and effects of addressing diversity in the workplace systematically.

**Academic Transfer (Baccalaureate)**

Does this course transfer to a baccalaureate institution? **If yes, please select one or more applicable distribution below.** Note that course transferability depends on acceptance of at least 3 major Washington state universities.

Meets General Education Requirement (GER/GUR): Select one or more from the list below

- Basic Skills/Communication
- Basic Skills/Quantitative Skills
- Humanities/Fine Arts/English
- Social Science
- Natural Science
- Lab Science
- Lifetime Fitness/Wellness/Activity

Diversity, check box and submit a separate form to the Diversity Committee.

Activity is defined as a fully instructed course of study that primarily involves the student in an activity that develops technique or a skill. Explain in the space provided below, in 25 words or less, how this course meets the Activity requirement as defined above.

**Course is applicable to one or more of the following degrees:** Select one or more from the list below

- Associate in Arts degree (**AA-DTA**)
- Associate in Business (**AB-DTA**)
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*List applicable programs in space provided below*
List applicable programs in space provided below:

1. Apply relevant criteria and standards when evaluating information, claims and arguments.
2. Use appropriate reasoning to evaluate problems, make decisions and formulate solutions.

Students will do research and write reports addressing problems, challenges, and benefits of diversity in the workplace.

Students will provide a solid support base for all work assigned in the course. Research and referencing are required for all written work in class.
3. Give reasons for conclusions, assumptions, beliefs and hypotheses.
4. Seek out new information to evaluate and reevaluate conclusions, assumptions, beliefs and hypotheses.

Students will do research and write reports addressing problems, challenges, and benefits of diversity in the workplace.

5. Exhibit traits evidencing disposition to reflect, assess and improve thinking or products of thinking.

Responsibility
Quantitative and Symbolic Reasoning

Written Communication

1. Demonstrate use of a writing process.

Students will do research and write reports addressing problems, challenges, and benefits of diversity in the workplace.

2. Demonstrate a clear sense of purpose, focus, thesis, or design in writing.

Students will do research and write reports addressing problems, challenges, and benefits of diversity in the workplace.

3. Demonstrate the ability to develop an idea with support.

Students will provide a solid support base for all work assigned in the course. Research and referencing are required for all written work in class.

4. Demonstrate audience awareness in writing.

5. Demonstrate appropriate methods of integrating and documenting outside sources.

Students will provide a solid support base for all work assigned in the course. Research and referencing are required for all written work in class.

6. Demonstrate ability to use common tools of information research in writing.

Students will do research and write reports addressing problems, challenges, and benefits of diversity in the workplace.

7. Demonstrate clear organization of thoughts in coherent written form.

8. Demonstrate appropriate choice of format, style and tone for each particular writing assignment.

9. Use appropriate mechanics, grammar and word usage based on the language of instruction.

As an upper division course with an ENGL&101 prerequisite, college level writing is expected in the course.

10. Improve the ability to evaluate, revise, edit and proofread individual work and the work of others.

Professional/Technical Degrees - Does this course apply towards a professional/technical degree?
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**Related Instruction Requirements:**

Does this course meet the Related Instruction requirements for professional/technical degrees? If yes, select one or more from the following list:

- Written Communication
- Oral Communication
- Computation
- Human Relations

However, if you chose Human Relations from the list above, you must also choose a minimum of 80% (8 out of 10) of the US Dept of Labor Secretary’s Commission on Achieving Necessary Skills (SCANS) attributes listed below:

- Demonstrates Responsibility
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- Participates as a team member
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- Appreciates and works with diverse group

Advisory Committee Approval Date ____________

**Evaluation: (Grading System)**

- Grades will be assigned in accordance with the decimal grading system as outlined in the college catalog.
- Pass/No Credit
- Satisfactory
- Competency-Based

**SIGNATURE APPROVALS**
Initiator: (Date): 
William Scott

Faculty Course Review Committee (FCRC): (Date):

Division Chair: (Date):
William Scott

Instruction Council (IC): (Date): 

Dean of Instruction: (Date):
Joyce Hammer

Vice President of Instruction: (Date):

Institutional Intent Code: CIP Code: Educational Program Code:

Preliminary Approval Requested

Vice President of Instruction
Date

Reviewed/Processed by: Educational Support Services Date
COURSE ADOPTION REVISION

REVISED COURSE

The college is committed to assisting disabled and disadvantaged students with problems they may encounter at Green River. For information, registration assistance, accessibility, advising, and liaison with faculty and staff contact the Disabled Student Services Coordinator (ext. 2831)

Change course abbreviation from HUMAN 272 to FILM 122.

Course Abbreviation: **Film 122**
Capacity: 28

Long Course Title: Introduction to Film: Genres
(48 characters including spaces)

Short Course Title: Intro to Film: Genres
(24 characters including spaces)

Tuition

- Normal
- Different
- Exempt

Number of Sections Offered Each Quarter:

<table>
<thead>
<tr>
<th>Quarter</th>
<th>Summer</th>
<th>Fall</th>
<th>Winter</th>
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Contact Hours

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Fee Justification

(Specify if for printed materials, classroom supplies, computer equipment, etc)

Will this course require computers? Yes

Open LabClassroomLibrary

Will this course require library to purchase more library and media resources: No

Geo-Course Description

*Must not exceed 60 words*

Introduces film genres such as thrillers, film noir, melodramas, westerns, documentary or culturally specific films. Examines the literary, mythic and historical aspects of the different genres. Examines the social and political significance of different genres through the use of specific films watched in class. RECOMMEND: College-level reading and writing. Satisfies a humanities/fine arts/English requirement for AA degree.
Prerequisites (if any)  

(Make sure prerequisites are clear, especially when and's & or's are used. This could be interpreted several ways, use commas to clarify or write it out clearly.)

Course Content Learning Outcomes

Upon completion of the course, students should be able to identify and describe the characteristics and qualities of various film genres. Upon completion of the course, students should be able to apply and analyze the theoretical elements of film genre to specific films.

Academic Transfer (Baccalaureate)

Does this course transfer to a baccalaureate institution? If yes, please select one or more applicable distribution below. Note that course transferability depends on acceptance of at least 3 major Washington State universities.

Meets General Education Requirement (GER/GUR): Select one or more from the list below

- Basic Skills/Communication
- Basic Skills/Quantitative Skills
- Humanities/Fine Arts/English
- Social Science
- Natural Science
- Lab Science
- Lifetime Fitness/Wellness/Activity

Diversity, check box and submit a separate form to the Diversity Committee.

Activity is defined as a fully instructed course of study that primarily involves the student in an activity that develops technique or a skill. Explain in the space provided below, in 25 words or less, how this course meets the Activity requirement as defined above.

Course is applicable to one or more of the following degrees: Select one or more from the list below

- Associate in Arts degree (AA-DTA)
- Associate in Business (AB-DTA)
- Associate in Elementary Education (AEE-DTA)
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*List applicable programs in space provided below*
List applicable programs in space provided below:

- Associate in Applied Arts (AAA)
- Associate in Applied Science (AAS)
- Professional/Technical Cert (Cert-P)

Campus-Wide Learning Outcomes (CWLO)
Select applicable from the list below and explain how students will demonstrate outcomes in the space provided:
- Critical Thinking
- Responsibility
- Quantitative and Symbolic Reasoning
- Written Communication

Professional/Technical Degrees - Does this course apply towards a professional/technical degree?
### Related Instruction Requirements:

Does this course meet the Related Instruction requirements for professional/technical degrees? If yes, select one or more from the following list:

- Written Communication
- Oral Communication
- Computation
- Human Relations

### Evaluation: (Grading System)

Grades will be assigned in accordance with the decimal grading system as outlined in the college catalog.

- Pass/No Credit
- Satisfactory
- Competency-Based

### Advisory Committee Approval Date __________

### SIGNATURE APPROVALS

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**Faculty Course Review Committee (FCRC):** (Date):  
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Joyce Hammer

Vice President of Instruction: (Date):

Institutional Intent Code: 11
CIP Code: 
Educational Program Code: 

Preliminary Approval Requested

☑

Vice President of Instruction

Date

Reviewed/Processed by: Educational Support Services Date

Do not write below line: For Education Support Services USE only:
COURSE ADOPTION REVISION

NEW COURSE

PHIL 412

Professional Ethics

No reason for changes

Date Submitted: 11/15/2012
Division Submitting: 4L - Humanities
Effective Date: Quarter: Fall
Acad Year: 2013-2014

Number of Sections Offered Each Quarter:

<table>
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<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

Number of Credits: Minimum 5

Contact Hours

- Discussion/Lecture: 55.0
- Clinical (On-Site)
- Total Contact Hours

Coop Fees

<table>
<thead>
<tr>
<th>Course</th>
<th>Amount</th>
<th>Budget Number</th>
<th>Fee Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>40</td>
</tr>
<tr>
<td>2</td>
<td>0.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Fee Justification

(Specify if for printed materials, classroom supplies, computer equipment, etc)

Will this course require computers? Open Lab Classroom Library

Will this course require library to purchase more library and media resources: No Yes

Catalog Course Description (Must not exceed 50 words)

This course provides an advanced approach to ethical issues across the professions. Topics covered include intellectual property rights and piracy; truth-telling vs. well-meaning deception; privacy and confidentiality; conflicts of interest and loyalty; self-regulation; and whistle-blowing.

Prerequisites (if any)

Admission into a bachelor's program, and ENGL 101, and instructor's permission.

Course Content Learning Outcomes

List student achievement during course

Meets General Education Requirement (GER/GUR): Select one or more from the list below

- Basic Skills/Communication

Diversity, check box and submit a separate form to the Diversity Committee.
Students will gain an understanding and appreciation of the key issues in professional ethics, especially in information technology. Students will also learn to think and write more clearly and more critically about ethical matters.

### Academic Transfer (Baccalaureate)

**Does this course transfer to a baccalaureate institution?** If yes, please select one or more applicable distribution below. Note that course transferability depends on acceptance by at least 3 major Washington state universities.

<table>
<thead>
<tr>
<th>Basic Skills/Quantitative Skills</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities/Fine Arts/English</td>
<td>✔</td>
</tr>
<tr>
<td>Social Science</td>
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<tr>
<td>Lab Science</td>
<td></td>
</tr>
<tr>
<td>Lifetime Fitness/Wellness/Activity</td>
<td></td>
</tr>
</tbody>
</table>

Activity is defined as a fully instructed course of study that primarily involves the student in an activity that develops technique or a skill. **Explain in the space provided below, in 25 words or less, how this course meets the Activity requirement as defined above.**

---

**Course is applicable to one or more of the following degrees:** Select one or more from the list below

- Associate in Arts degree (AA-DTA) ✔
- Associate in Business (AB-DTA)
- Associate in Elementary Education (AEE-DTA)
- Associate in Fine Arts (AFA-DTA)
- Associate in Math Education (AM-DTA)
<table>
<thead>
<tr>
<th>Program Description</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate in Pre-Nursing</td>
<td>APren-DTA/MPR</td>
</tr>
<tr>
<td>Associate of Science-Transfer</td>
<td>(AS-T Opt 1)</td>
</tr>
<tr>
<td>Associate of Science-Transfer</td>
<td>(AS-T Opt 2)</td>
</tr>
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<tr>
<td>Associate in General Science Education</td>
<td>(AS-T Opt 1)</td>
</tr>
<tr>
<td>Associate in Physics Education</td>
<td>(AS-T Opt 2)</td>
</tr>
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<td>(AS-T Opt 2 MRP)</td>
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<td>(AS-T Opt 2 MRP)</td>
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<tr>
<td>Associate in Computer or Electrical Pre-Engr</td>
<td>(AS-T Opt 2 MRP)</td>
</tr>
</tbody>
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List applicable programs in space provided below:

<table>
<thead>
<tr>
<th>Program</th>
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<td></td>
</tr>
</tbody>
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<table>
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</tr>
</tbody>
</table>

Campus-Wide Learning Outcomes (CWLO)

Select applicable from the list below and explain how students will demonstrate outcomes in the space provided:

Critical Thinking

1. Apply relevant criteria and standards when evaluating information, claims and arguments.
2. Use appropriate reasoning to evaluate problems, make decisions and formulate solutions.
3. Give reasons for conclusions, assumptions, beliefs and hypotheses.
4. Seek out new information to evaluate and reevaluate conclusions, assumptions, beliefs and hypotheses.
5. Exhibit traits evidencing disposition to reflect, assess and improve thinking or products of thinking.

Responsibility

Quantitative and Symbolic Reasoning

Written Communication

1. Demonstrate use of a writing process.
2. Demonstrate a clear sense of purpose, focus, thesis, or design in writing.

**Professional/Technical Degrees** - Does this course apply towards a professional/technical degree?

| Students will be assessed on the basis of a variety of assignments, such as exams, written work, presentations, and/or class activities. |
|---|---|---|---|
| 1. 1. | 2. 2. | 3. 3. | 4. 4. |
| 3. 3. | 4. 4. | 5. 5. | 6. 6. |

**Related Instruction Requirements:**

Does this course meet the related instruction requirements for professional/technical degrees? If yes, select one or more from the following list.

- Written Communication
- Oral Communication
- Technical
- Computation

**Human Relations**

Does this course meet the related instruction requirements for professional/technical degrees? If yes, select one or more from the following list:

- Demonstrates responsibility
- Demonstrates self-worth
- Demonstrates sociability in groups
- Demonstrates self-management
- Demonstrates integrity/honesty

**Student will be assessed on the basis of a variety of assignments, such as exams, written work, presentations, and/or class activities.**

| Students will be assessed on the basis of a variety of assignments, such as exams, written work, presentations, and/or class activities. |
|---|---|---|---|
| 1. 1. | 2. 2. | 3. 3. | 4. 4. |
| 5. 5. | 6. 6. |

**Advisory Committee Approval Date:**

| Students will be assessed on the basis of a variety of assignments, such as exams, written work, presentations, and/or class activities. |
|---|---|---|---|
| 1. 1. | 2. 2. | 3. 3. | 4. 4. |
| 5. 5. | 6. 6. |

**Evaluation (Grading System):**

- Use appropriate mechanics, grammar and word usage based on the language of instruction.

Grades will be assigned in accordance with the decimal grading system as outlined in the college catalog.

<table>
<thead>
<tr>
<th>Grades</th>
<th>Competency-Based</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satisfactory</td>
<td>Competency-Based</td>
</tr>
</tbody>
</table>

**Signatures Approvals**

| Initiator: (Date): | Faculty Course Review Committee (FCRC): (Date): |
Division Chair: (Date):

Instruction Council (IC): (Date):

Dean of Instruction: (Date): Vice President of Instruction: (Date):

Institutional Intent Code: CIP Code: Educational Program Code:

Preliminary Approval Requested

Reviewed/Processed by: Educational Support Services Date

Vice President of Instruction
Date

Do not write below line: For Education Support Services USE only:
**Course Abbreviation:** ECE 100  
**Capacity:** 20

**Long Course Title:** Basic STARS Training  
(48 characters including spaces)

**Short Course Title:**  
(24 characters including spaces)

---

**Tuition**  
- Normal  
- Different  
- Exempt

---

**Number of Sections Offered Each Quarter:**

<table>
<thead>
<tr>
<th>Summer</th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

---

**Number of Credits**  
If variable credit, please fill in a minimum and maximum credit values.  
If not, variable credit, please fill in the credit under minimum column.

**Number of Contacts**

<table>
<thead>
<tr>
<th>Discussion/Lecture</th>
<th>Applied Learning(Lab)</th>
<th>Clinical (On-Site)</th>
<th>Total Contact Hours</th>
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</thead>
<tbody>
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<td>33.0</td>
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**Date Submitted:** 11/16/2012  
**Division Submitting:** 2I - Health Science  
**Effective Date:** Quarter: Summer  
**Acad Year:** 2013-2014

---

**Coop Fees**

<table>
<thead>
<tr>
<th>Number</th>
<th>Amount</th>
<th>Budget Number</th>
<th>Fee Code</th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
</tr>
<tr>
<td>2</td>
<td>0.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Fee Justification**  
(Specify if for printed materials, classroom supplies, computer equipment, etc)

---

**Will this course require computers?**  
- Open Lab  
- Classroom  
- Library

---

**Catalog Course Description**  
*Must not exceed 60 words*

Offers students the required training set forth by the Washington State Training and Registry System (STARS), a career development system for those who work in child care, early education, and school-age care. Content areas include child growth and development, child guidance, and health and safety.
# Course Content Learning Outcomes

1. Demonstrate knowledge of age and culturally appropriate expectations.
2. Demonstrate knowledge that children learn through play and active involvement in their environment by describing a skill a child might gain or enhance in each of the activities.
3. Demonstrate knowledge of planning activities based on the needs of children.
4. List at least 3 ways that any individual family practices/culture, environment, developmental needs, caregiver behaviors, inappropriate adult expectations, and/or child’s physical needs may influence a child’s behavior.
5. Demonstrate knowledge of the relationship between the child’s development level and appropriate guidance techniques.
6. Show proper hand washing, appropriate diapering/toilet procedures, and routine disinfecting of toys/equipment to help prevent the spread of communicable disease.
7. Demonstrate an understanding of proper food handling procedures.
8. Demonstrate knowledge of the state licensing regulations related to medication management.
9. List five community resources for children with special needs. Include addresses and phone numbers.
10. Demonstrate knowledge of child abuse indicators and reporting procedures.
11. Demonstrate knowledge of safety procedures and accident prevention.
12. Demonstrates an understanding of licensing standards.
13. Demonstrate an understanding of working with parents as partners.
14. Demonstrate an understanding of professionalism as it relates to the early childhood field.

# Academic Transfer (Baccalaureate)

Does this course transfer to a baccalaureate institution? *If yes, please select one or more applicable distribution below.*

Note that course transferability depends on acceptance of at least 3 major Washington state universities.

Meets General Education Requirement (GER/GUR): Select one or more from the list below

- [ ] Basic Skills/Communication
- [ ] Diversity, check box and submit a separate form to the Diversity Committee.
- [ ] Basic Skills/Quantitative Skills
- [ ] Activity is defined as a fully instructed course of study that primarily involves the student in an activity that develops technique or a skill. Explain in the space provided below, in 25 words or less, how this course meets the Activity requirement as defined above.
- [ ] Humanities/Fine Arts/English
- [ ] Social Science
- [ ] Natural Science
- [ ] Lab Science
- [ ] Lifetime Fitness/Wellness/Activity

Course is applicable to one or more of the following degrees: Select one or more from the list below

- [ ] Associate in Arts degree (AA-DTA)
<table>
<thead>
<tr>
<th>Associate in Business (AB-DTA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate in Elementary Education (AEE-DTA)</td>
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<tr>
<td>Associate in Fine Arts (AFA-DTA)</td>
</tr>
<tr>
<td>Associate in Math Education (AM-DTA)</td>
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<tr>
<td>Associate of Science-Transfer (AS-T Opt 2)</td>
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<tr>
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</tr>
<tr>
<td>Associate in Physics Education (AS-T Opt 2)</td>
</tr>
<tr>
<td>Associate in Mechanical/Civil/Aeronautical/Industrial/Material Sciences Pre-Engr (AS-T Opt 2 MRP)</td>
</tr>
<tr>
<td>Associate in Biological or Chemical Pre-Engr (AS-T Opt 2 MRP)</td>
</tr>
</tbody>
</table>
### Associate in Computer or Electrical Pre-Engr (AS-T Opt 2 MRP)

List applicable programs in space provided below:

- T List applicable programs in space provide below:

List applicable programs in space provided below:

---

**Campus-Wide Learning Outcomes (CWLO)**

*Select applicable from the list below and explain how students will demonstrate outcomes in the space provided:*

- Critical Thinking
- Responsibility
- Quantitative and Symbolic Reasoning
- Written Communication

---

<table>
<thead>
<tr>
<th>Associate in Applied Arts degree (AAA)</th>
<th>Associate in Applied Science (AAS)</th>
<th>Professional/Technical Cert (Cert-P)</th>
</tr>
</thead>
</table>
**Professional/Technical Degrees - Does this course apply towards a professional/technical degree?**

1. Early Childhood Education
2. 
3. 
4. 
5. 
6.

**Related Instruction Requirements:**
Does this course meet the Related Instruction requirements for professional/technical degrees? If yes, select one or more from the following list:

- Written Communication
- Oral Communication
- Computation
- Human Relations

**However, if you chose Human Relations from the list above, you must also choose a minimum of 80% (8 out of 10) of the US Dept of Labor Secretary’s Commission on Achieving Necessary Skills (SCANS) attributes listed below:**

- Demonstrates Responsibility
- Demonstrates Self-worth
- Demonstrates sociability in groups
- Demonstrates self-management
- Demonstrates integrity/honesty
- Participates as a team member
- Teaches/help others
- Exhibits leadership
- Negotiates Agreements
- Appreciates and works with diverse group

**Advisory Committee Approval Date _________**

**Evaluation: (Grading System)**

Grades will be assigned in accordance with the decimal grading system as outlined in the college catalog.

- [x] Pass/No Credit
- Satisfactory
- Competency-Based

**SIGNATURE APPROVALS**
Initiator: (Date):
Diana Holz 11/16/2012

Faculty Course Review Committee (FCRC):
(Date):

Division Chair: (Date):
Leslie Kessler 11/16/201

Instruction Council (IC): (Date):

Dean of Instruction: (Date):
Sidney Weldele-Wallace

Vice President of Instruction: (Date):

Institutional Intent Code: 21-Voc Prep
CIP Code: 20.0201
Educational Program Code: 402

Preliminary Approval Requested

Vice President of Instruction
Date

Reviewed/Processed by: Educational Support Services Date

Do not write below line: For Education Support Services USE only:

https://www.gatornet.greenriver.edu/car/print/revised-car.aspx?crs=ECE+100&div=2I - Hea...
# COURSE ADOPTION REVISION

## NEW COURSE

The college is committed to assisting disabled and disadvantaged students with problems they may encounter at Green River. For information, registration assistance, accessibility, advisory and liaison with faculty and staff contact the disabled student services coordinator (ext. 2881)

---

**Course Abbreviation:** ECED& 160  
**Capacity:** 20

**Long Course Title:** Curriculum Development in ECE  
(48 characters including spaces)

**Short Course Title:** Curriculum Development  
(24 characters including spaces)

---

**Tuition**
- Normal
- Different
- Exempt

---

**Number of Sections Offered Each Quarter:**

<table>
<thead>
<tr>
<th>Quarter</th>
<th>Summer</th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>

---

**Number of Credits**
- Minimum
- Maximum

*If variable credit, please fill in a minimum and maximum credit values. If not, variable credit, please fill in the credit under minimum column.*

---

**Contact Hours**
- Discussion/Lecture: 22.0
- Applied Learning(Lab): 66.0
- Clinical (On-Site): 
- Total Contact Hours: 

---

**Number of Credits**

<table>
<thead>
<tr>
<th>Credit</th>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

---

**Fee Justification**

(Specify if for printed materials, classroom supplies, computer equipment, etc)

- Lab materials and supplies

---

**Coop Fees**

<table>
<thead>
<tr>
<th>Coop Fee</th>
<th>Amount</th>
<th>Budget Number</th>
<th>Fee Code</th>
</tr>
</thead>
<tbody>
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<td>0.00</td>
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</table>

---

**Date Submitted:** 11/28/2012  
**Division:** 2I - Health Science  
**Submitting:**  
**Effective Date:** Quarter: Summer  
**Acad Year:** 2013-2014

---

**Will this course require computers?**
- Open Lab
- Classroom
- Library

---

**Catalog Course Description**

*Must not exceed 60 words*

Investigate learning theory, program planning and tools for curriculum development promoting language, fine/gross motor, social-emotional, cognitive and creative skills and growth in young children (birth-age 8).

---

**Prerequisites (if any)**

(Make sure prerequisites are clear, especially when and's & or's are used. This could be interpreted several ways, use commas to clarify or write it out clearly.)

---

https://www.gatornet.greenriver.edu/car/print/revised-car.aspx?crs=ECED%26+160&div=2... 1/7/2013
1.) Explain major early childhood curriculum theories and current trends such as theme-based, emergent, inquiry based, integrated and project approach. 2.) Use a variety of resources, including WA State Guidelines, program standards, and NAEYC Developmentally Appropriate Practice principles to plan curriculum. 3.) Create curriculum which supports children’s language/communication, cognitive, social/emotional, fine/gross motor, and creative development. 4.) Plan developmentally appropriate activities and schedules which promote child growth and learning. 5. Observe, document and assess individual and group needs, interests and skills for the purpose of curriculum planning and on-going modifications of plans.

### Academic Transfer (Baccalaureate)

Does this course transfer to a baccalaureate institution? **If yes, please select one or more applicable distribution below.**

Note that course transferability depends on acceptance of at least 3 major Washington state universities.

<table>
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<th>Basic Skills/Communication</th>
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</tr>
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Meets General Education Requirement (GER/GUR): Select one or more from the list below

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</thead>
<tbody>
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</tbody>
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Activity is defined as a fully instructed course of study that primarily involves the student in an activity that develops technique or a skill. **Explain in the space provided below, in 25 words or less, how this course meets the Activity requirement as defined above.**

Course is applicable to one or more of the following degrees: Select one or more from the list below

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<tr>
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<tr>
<td>Program Description</td>
</tr>
<tr>
<td>---------------------</td>
</tr>
<tr>
<td>Associate in Fine Arts</td>
</tr>
<tr>
<td>Associate in Math Education</td>
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<td>Associate in Pre-Nursing</td>
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<td>Associate in Biological or Chemical Pre-Engr</td>
</tr>
<tr>
<td>Associate in Computer or Electrical Pre-Engr</td>
</tr>
</tbody>
</table>

*List applicable programs in space provided below.*
List applicable programs in space provide below:

- Early Childhood Education
- 
- 
- 
- 

List applicable programs in space provided below:

- Early Childhood Education
- 
- 
- 
- 

Campus-Wide Learning Outcomes (CWLO)

Select applicable from the list below and explain how students will demonstrate outcomes in the space provided:

- Critical Thinking
- Responsibility
- Quantitative and Symbolic Reasoning
- Written Communication

Professional/Technical Degrees - Does this course apply towards a professional/technical degree?

<table>
<thead>
<tr>
<th>Associate in Applied Arts degree (AAA)</th>
<th>Associate in Applied Science (AAS)</th>
<th>Professional/Technical Cert (Cert-P)</th>
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</thead>
<tbody>
<tr>
<td>1. Early Childhood Education</td>
<td>1.</td>
<td>1. Early Childhood Education</td>
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<tr>
<td>2.</td>
<td>2.</td>
<td>2.</td>
</tr>
<tr>
<td>3.</td>
<td>3.</td>
<td>3.</td>
</tr>
<tr>
<td>4.</td>
<td>4.</td>
<td>4.</td>
</tr>
</tbody>
</table>
5. Written Communication  
6. Oral Communication  
5. Computation  
6. Human Relations

However, if you chose Human Relations from the list above, you must also choose a minimum of 80% (8 out of 10) of the US Dept of Labor Secretary’s Commission on Achieving Necessary Skills (SCANS) attributes listed below:

- Demonstrates Responsibility  
- Demonstrates Self-worth  
- Demonstrates sociability in groups  
- Demonstrates self-management  
- Demonstrates integrity/honesty  
- Participates as a team member  
- Teaches/help others  
- Exhibits leadership  
- Negotiates Agreements  
- Appreciates and works with diverse group

Advisory Committee Approval Date

Evaluation: (Grading System)

Grades will be assigned in accordance with the decimal grading system as outlined in the college catalog.

- Pass/No Credit  
- Satisfactory  
- Competency-Based

SIGNATURE APPROVALS

Initiator: (Date): Diana Holz  
Faculty Course Review Committee (FCRC): (Date):  
Division Chair: (Date): Leslie Kessler  
Instruction Council (IC): (Date):
Course Abbreviation: **ECED& 190**

Capacity: 20

Long Course Title: Observation and Assessment

(48 characters including spaces)

Short Course Title: Observation & Assessment

(24 characters including spaces)

Tuition

- Normal
- Different
- Exempt

Number of Sections Offered Each Quarter:

<table>
<thead>
<tr>
<th>Quarter</th>
<th>Summer</th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

Number of Credits

- Minimum
- Maximum

Contact Hours

- Discussion/Lecture
- Applied Learning(Lab)
- Clinical (On-Site)
- Total Contact Hours

Number of Credits

<table>
<thead>
<tr>
<th>Credit</th>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Will this course require computers? [ ] Open Lab [ ] Classroom [ ] Library

Fee Justification

(Specify if for printed materials, classroom supplies, computer equipment, etc)

Copies for assessments [ ]

Will this course require library to purchase more library and media resources: [ ] No [ ] Yes

Catalog Course Description

(Must not exceed 60 words)

Collect and record observation of and assessment data in order to plan for and support the child, the family, the group and the community. Practice reflection techniques, summarizing conclusions and communicating findings.

Prerequisites (if any)

(Make sure prerequisites are clear, especially when and's or or's are used, This could be interpreted several ways, use commas to clarify or write it out cleanly.)

Date Submitted: 11/28/2012

Division Submitting: 2I - Health Science

Effective Date:

Quarter: Summer
Acad Year: 2013-2014

Coop Fees

<table>
<thead>
<tr>
<th>Number of Credits</th>
<th>Amount</th>
<th>Budget Number</th>
<th>Fee Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>25.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>0.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

https://www.gatornet.greenriver.edu/car/print/revised-car.aspx?crs=ECED%26+190&div=2I
Course Content Learning Outcomes

1. Describe reasons for collecting observation and assessment data.
2. Identify characteristics and signs of growth, development, learning and social behaviors.
3. Identify techniques for avoiding bias, judgments, and assumptions in observations.
4. Collect factual, descriptive information using a variety of tools i.e. running records, anecdotal records, checklists, time and event samples, portfolios, and developmental continuums.
5. Record information in an appropriate manner for future interpretation.
6. Interpret the information as it relates to general growth and development and the specific child(ren) observed.
7. Describe and demonstrate professional ethics and etiquette that applies to the collection and communication of observation data.

Academic Transfer (Baccalaureate)

Does this course transfer to a baccalaureate institution? If yes, please select one or more applicable distribution below. Note that course transferability depends on acceptance of at least 3 major Washington state universities.

Meets General Education Requirement (GER/GUR): Select one or more from the list below

- Basic Skills/Communication
- Basic Skills/Quantitative Skills
- Humanities/Fine Arts/English
- Social Science
- Natural Science
- Lab Science
- Lifetime Fitness/Wellness/Activity

Activity is defined as a fully instructed course of study that primarily involves the student in an activity that develops technique or a skill. Explain in the space provided below, in 25 words or less, how this course meets the Activity requirement as defined above.

Course is applicable to one or more of the following degrees: Select one or more from the list below

- Associate in Arts degree (AA-DTA)
- Associate in Business (AB-DTA)
- Associate in Elementary Education (AEE-DTA)
<table>
<thead>
<tr>
<th>Program Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate in Fine Arts (AFA-DTA)</td>
</tr>
<tr>
<td>Associate in Math Education (AM-DTA)</td>
</tr>
<tr>
<td>Associate in Pre-Nursing APren-DTA/MRP)</td>
</tr>
<tr>
<td>Associate of Science-Transfer (AS-T Opt 1)</td>
</tr>
<tr>
<td>Associate of Science-Transfer (AS-T Opt 2)</td>
</tr>
<tr>
<td>Associate in Biology Education (AS-T Opt 1)</td>
</tr>
<tr>
<td>Associate in Chemistry Education (AS-T Opt 1)</td>
</tr>
<tr>
<td>Associate in General Science Education (AS-T Opt 1)</td>
</tr>
<tr>
<td>Associate in Physics Education (AS-T Opt 2)</td>
</tr>
<tr>
<td>Associate in Mechanical/Civil/Aeronautical/Industrial/Material Sciences Pre-Engr (AS-T Opt 2 MRP)</td>
</tr>
<tr>
<td>Associate in Biological or Chemical Pre-Engr (AS-T Opt 2 MRP)</td>
</tr>
<tr>
<td>Associate in Computer or Electrical Pre-Engr (AS-T Opt 2 MRP)</td>
</tr>
</tbody>
</table>

*List applicable programs in space provided below*
List applicable programs in space provided below:

1. Early Childhood Education
2. 
3. 
4. 

List applicable programs in space provided below:

1. Early Childhood Education
2. 
3. 
4. 

Campus-Wide Learning Outcomes (CWLO)
Select applicable from the list below and explain how students will demonstrate outcomes in the space provided:

- Critical Thinking
- Responsibility
- Quantitative and Symbolic Reasoning
- Written Communication

Professional/Technical Degrees - Does this course apply towards a professional/technical degree?

<table>
<thead>
<tr>
<th>Associate in Applied Arts degree (AAA)</th>
<th>Associate in Applied Science (AAS)</th>
<th>Professional/Technical Cert (Cert-P)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Early Childhood Education</td>
<td>1.</td>
<td>1. Early Childhood Education</td>
</tr>
<tr>
<td>2.</td>
<td>2.</td>
<td>2.</td>
</tr>
<tr>
<td>3.</td>
<td>3.</td>
<td>3.</td>
</tr>
<tr>
<td>4.</td>
<td>4.</td>
<td>4.</td>
</tr>
</tbody>
</table>
Written Communication
Oral Communication
Computation
Human Relations

However, if you chose Human Relations from the list above, you must also choose a minimum of 80% (8 out of 10) of the US Dept of Labor Secretary’s Commission on Achieving Necessary Skills (SCANS) attributes listed below:

- Demonstrates Responsibility
- Demonstrates Self-worth
- Demonstrates sociability in groups
- Demonstrates self-management
- Demonstrates integrity/honesty
- Participates as a team member
- Teaches/help others
- Exhibits leadership
- Negotiates Agreements
- Appreciates and works with diverse group

Advisory Committee Approval Date __________

Evaluation: (Grading System)

Grades will be assigned in accordance with the decimal grading system as outlined in the college catalog.

- Pass/No Credit
- Satisfactory
- Competency-Based

SIGNATURE APPROVALS

Initiator: (Date): Diana Holz

Faculty Course Review Committee (FCRC): (Date):

Division Chair: (Date): Leslie Kessler

Instruction Council (IC): (Date):
Dean of Instruction: (Date): Krista Fox

Vice President of Instruction: (Date): 

Institutional Intent Code: CIP Code: Educational Program Code: 

Preliminary Approval Requested 

Reviewed/Processed by: Educational Support Services Date
COURSE ADOPTION REVISION

REVISED COURSE

Course Abbreviation: ECED 214
Capacity: 15

Long Course Title: Early Childhood Education Practicum 3
(48 characters including spaces)

Short Course Title: ECE Practicum 3
(24 characters including spaces)

Reason for Change: Please list revisions to this course in space provided below

Change credits from 2 to 3.
Change contact hours from 11 Lec/33 lab to 11 lec/44 lab

Number of Sections Offered Each Quarter:

<table>
<thead>
<tr>
<th>Quarter</th>
<th>Summer</th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

Number of Credits

If variable credit, fill in a minimum and maximum credit values.
If not, variable credit, please fill in the credit under minimum column.

<table>
<thead>
<tr>
<th>Number of Credits</th>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Contact Hours

Discussion/Lecture: 11.0
Applied Learning(Lab): 44.0
Clinical (On-Site): [Blank]
Total Contact Hours: [Blank]

Date Submitted: 11/28/2012
Division Submitting: 2I - Health Science
Effective Date: Quarter: Summer, Acad Year: 2013-2014

Coop Fees

<table>
<thead>
<tr>
<th>Amount</th>
<th>Budget Number</th>
<th>Fee Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>10.00</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>0.00</td>
<td></td>
</tr>
</tbody>
</table>

Fee Justification
(Specify if for printed materials, classroom supplies, computer equipment, etc)

Insurance

Will this course(s) require computers?

Open Lab Classroom Library

Will this course require library to purchase more library and media resources?

No ☐ Yes ☐

Catalog Course Description

(Must not exceed 60 words)

Provides second year practical work experience in an ECE setting for the purpose of applying theoretical knowledge. Students work under the guidance and supervision of a college instructor while working with children under the age of six.

Prerequisites (if any)

(Make sure prerequisites are clear, especially when and's & or's are used. This could be interpreted several ways, use commas to clarify or write it out clearly.)

Instructor permission.

1. Continue to assess professional strengths and weaknesses. 2. Self-evaluate student-child interaction based on criteria provided by college instructor. 3. Implement changes in interaction based on above self-evaluation. 4. Refine short and long term professional goals. 5. Continue to develop and improve work skills in the field of Early Childhood Education.

**Course Content Learning Outcomes**

List student achievement during course

Meets General Education Requirement (GER/GUR): Select one or more from the list below

- [ ] Basic Skills/Communication
- [ ] Basic Skills/Quantitative Skills
- [ ] Humanities/Fine Arts/English
- [ ] Social Science
- [ ] Natural Science
- [ ] Lab Science
- [ ] Lifetime Fitness/Wellness/Activity

Activity is defined as a fully instructed course of study that primarily involves the student in an activity that develops technique or a skill. Explain in the space provided below, in 25 words or less, how this course meets the Activity requirement as defined above.

Course is applicable to one or more of the following degrees: Select one or more from the list below

- [ ] Associate in Arts degree (AA-DTA)
- [ ] Associate in Business (AB-DTA)
- [ ] Associate in Elementary Education (AEE-DTA)
- [ ] Associate in Fine Arts (AFA-DTA)
<table>
<thead>
<tr>
<th>Program</th>
<th>Option(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate in Math Education</td>
<td>(AM-DTA)</td>
</tr>
<tr>
<td>Associate in Pre-Nursing</td>
<td>APren-DTA/MPR</td>
</tr>
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<td>(AS-T Opt 2 MRP)</td>
</tr>
</tbody>
</table>

*List applicable programs in space provided below.*
List applicable programs in space provided below:

**Campus-Wide Learning Outcomes (CWLO)**
Select applicable from the list below and explain how students will demonstrate outcomes in the space provided:

- Critical Thinking
- Responsibility
- Quantitative and Symbolic Reasoning
- Written Communication

**Professional/Technical Degrees - Does this course apply towards a professional/technical degree?**

<table>
<thead>
<tr>
<th>Associate in Applied Arts degree (AAA)</th>
<th>Associate in Applied Science (AAS)</th>
<th>Professional/Technical Cert (Cert-P)</th>
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</thead>
<tbody>
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<td>2.</td>
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<tr>
<td>3.</td>
<td>3.</td>
<td>3.</td>
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<tr>
<td>4.</td>
<td>4.</td>
<td>4.</td>
</tr>
<tr>
<td>5.</td>
<td>5.</td>
<td>5.</td>
</tr>
<tr>
<td>6.</td>
<td>6.</td>
<td>6.</td>
</tr>
</tbody>
</table>

**Related Instruction Requirements:**
Does this course meet the Related instruction requirements for professional/technical degrees? If yes, select one or more from the following list.

- Written Communication
- Oral Communication
- Computation
- Human Relations
However, if you chose Human Relations from the list above, you must also choose a minimum of 80% (8 out of 10) of the US Dept of Labor Secretary's Commission on Achieving Necessary Skills (SCANS) attributes listed below:

- Demonstrates Responsibility
- Demonstrates Self-worth
- Demonstrates sociability in groups
- Demonstrates self-management
- Demonstrates integrity/honesty
- Participates as a team member
- Teaches/help others
- Exhibits leadership
- Negotiates Agreements
- Appreciates and works with diverse group

Advisory Committee Approval Date: 11/19/2010

Evaluation: (Grading System)

- Grades will be assigned in accordance with the decimal grading system as outlined in the college catalog.
- Pass/No Credit
- Satisfactory
- Competency-Based

SIGNATURE APPROVALS

Initiator: (Date): Diana Mamerto Holz

Division Chair: (Date): Leslie Kessler

Dean of Instruction: (Date): Krista Fox

Faculty Course Review Committee (FCRC): (Date):

Instruction Council (IC): (Date):

Vice President of Instruction: (Date):

Institutional Intent Code: 22
CIP Code: 13.1210
Educational Program Code:

Do not write below line: For Education Support Services USE only:

Preliminary Approval Requested

Vice President of Instruction
Date

Reviewed/Processed by: Educational Support Services
Date
**Course Abbreviation:** ECED 215  
**Capacity:** 15

**Long Course Title:** Early Childhood Education Practicum 4  
(48 characters including spaces)

**Short Course Title:** ECE Practicum 4  
(24 characters including spaces)

**Tuition**
- Normal
- Different
- Exempt

**Number of Sections Offered Each Quarter:**
- Summer: 1  
- Fall: 1  
- Winter: 1  
- Spring: 1

**Number of Credits**
- If variable credit, please fill in a minimum and maximum credit values.
- If not, variable credit, please fill in the credit under minimum column.

<table>
<thead>
<tr>
<th>Number of Credits</th>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**Contact Hours**
- Discussion/Lecture: 11.0
- Applied Learning (Lab): 44.0
- Clinical (On-Site):         
- Total Contact Hours:        

**Date Submitted:** 11/28/2012
**Division Submitting:** 2I - Health Science
**Effective Date:** Quarter: Summer  
**Acad Year:** 2013-2014

**Coop Fees**
- Amount: 10.00
- Budget Number: 
- Fee Code: 
- Number: 2  
- Amount: 0.00

**Fee Justification**
*(Specify if for printed materials, classroom supplies, computer equipment, etc)*

**Insurance**
- Yes
- No

**Provides second year practical work experience in an ECE setting for the purpose of applying theoretical knowledge. Students work under the guidance and supervision of a college instructor while working with children under the age of six.*
**Prerequisites (if any)**

ECED 214 or instructor's permission

**Course Content Learning Outcomes**

1. Continue to assess professional strengths and weaknesses.
2. Self-evaluate student-child interaction based on criteria provided by college instructor.
3. Implement changes in interaction based on above self-evaluation.
4. Refine short and long term professional goals.
5. Continue to develop and improve work skills in the field of Early Childhood Education.

**Academic Transfer (Baccalaureate)**

Does this course transfer to a baccalaureate institution? **If yes, please select one or more applicable distribution below.**

Note that course transferability depends on acceptance of at least 3 major Washington state universities.

Meets General Education Requirement (GER/GUR): Select one or more from the list below

<table>
<thead>
<tr>
<th>Basic Skills/Communication</th>
<th>Diversity, check box and submit a separate form to the Diversity Committee.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Skills/Quantitative Skills</td>
<td></td>
</tr>
<tr>
<td>Humanities/Fine Arts/English</td>
<td></td>
</tr>
<tr>
<td>Social Science</td>
<td></td>
</tr>
<tr>
<td>Natural Science</td>
<td></td>
</tr>
<tr>
<td>Lab Science</td>
<td></td>
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<tr>
<td>Lifetime Fitness/Wellness/Activity</td>
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Activity is defined as a fully instructed course of study that primarily involves the student in an activity that develops technique or a skill. Explain in the space provided below, in 25 words or less, how this course meets the Activity requirement as defined above.

**Course is applicable to one or more of the following degrees:** Select one or more from the list below

- **Associate in Arts degree (AA-DTA)**
- **Associate in Business (AB-DTA)**
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<td>Associate in Computer or Electrical Pre-Engr (AS-T Opt 2 MRP)</td>
</tr>
</tbody>
</table>
List applicable programs in space provided below:

- Transfer (AAS-T)

List applicable programs in space provided below:

- Associate in Applied Arts degree (AAA)
- Associate in Applied Science (AAS)
- Professional/Technical Cert (Cert-P)

Campus-Wide Learning Outcomes (CWLO)
Select applicable from the list below and explain how students will demonstrate outcomes in the space provided:

- Critical Thinking
- Responsibility
- Quantitative and Symbolic Reasoning
- Written Communication

Professional/Technical Degrees - Does this course apply towards a professional/technical degree?
1. Early Childhood Education
2.
3.
4.
5.
6.

**Related Instruction Requirements:**

Does this course meet the Related Instruction requirements for professional/technical degrees? If yes, select one or more from the following list:

- Written Communication
- Oral Communication
- Computation
- Human Relations

---

**However, if you chose Human Relations from the list above, you must also choose a minimum of 80% (8 out of 10) of the US Dept of Labor Secretary’s Commission on Achieving Necessary Skills (SCANS) attributes listed below:**

- Demonstrates Responsibility
- Demonstrates Self-worth
- Demonstrates sociability in groups
- Demonstrates self-management
- Demonstrates integrity/honesty
- Participates as a team member
- Teaches/help others
- Exhibits leadership
- Negotiates Agreements
- Appreciates and works with diverse group

---

**Advisory Committee Approval Date**

---

**Evaluation: (Grading System)**

Grades will be assigned in accordance with the decimal grading system as outlined in the college catalog.

- Pass/No Credit
- Satisfactory
- Competency-Based

---

**SIGNATURE APPROVALS**

Initiator: (Date):  
Faculty Course Review Committee (FCRC): (Date):

Leslie Kessler

---

---
Division Chair: (Date):  
Leslie Kessler

Instruction Council (IC): (Date):  

Dean of Instruction: (Date):  
Sidney Weldele-Wallace

Vice President of Instruction: (Date):  

Institutional Intent Code: 22
CIP Code: 13.1210
Educational Program Code: 402

Preliminary Approval Requested

Vice President of Instruction Date

Reviewed/Processed by: Educational Support Services Date
Course Abbreviation: **ECED 297**  
Capacity: 16

Long Course Title: Montessori Intensive  
*(48 characters including spaces)*

Short Course Title: Montessori Intensive  
*(24 characters including spaces)*

Date Submitted: 11/28/2012

Division: 2I - Health Science

Submitting: 2I - Health Science

Effective Date: Quarter: Summer

Acad Year: 2013-2014

### Number of Sections Offered Each Quarter:

<table>
<thead>
<tr>
<th>Quarter</th>
<th>Summer</th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

### Number of Credits

If variable credit, please fill in a minimum and maximum credit values. If not, variable credit, please fill in the credit under minimum column.

<table>
<thead>
<tr>
<th>Number of Credits</th>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6</td>
<td></td>
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</tbody>
</table>

### Contact Hours

Indicate when variable credits apply

<table>
<thead>
<tr>
<th>Type of Contact</th>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discussion/Lecture</td>
<td>22.0</td>
<td></td>
</tr>
<tr>
<td>Applied Learning(Lab)</td>
<td>88.0</td>
<td></td>
</tr>
<tr>
<td>Clinical (On-Site)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Contact Hours</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Co-op Fees

<table>
<thead>
<tr>
<th>Coop</th>
<th>Amount</th>
<th>Budget Number</th>
<th>Fee Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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</tr>
<tr>
<td>2</td>
<td>0.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Fee Justification

(Specify if for printed materials, classroom supplies, computer equipment, etc)

- Lab supplies and copies

Will this course require computers?  
- Open Lab
- Classroom
- Library

Will this course require library to purchase more library and media resources:  
- No
- Yes

### Catalog Course Description

An intensive overview of the Montessori Method of Education that includes a synopsis of the entire Montessori curriculum for children ages 3-6 years. Through online study, video-viewing, field trips, and four full days of face to face instruction, students will be indoctrinated into both the theory and practice of the system. Course is appropriate for those who are both new or experienced to the study of Montessori.

### Prerequisites (if any)

(Make sure prerequisites are clear, especially when and's & or's are used. This could be interpreted several ways, use commas to clarify or write it out cleanly.)
## Course Content Learning Outcomes

Students will be able to: 1. discuss the main tenets of the Montessori Method of Education. 2. use a variety of resources to plan appropriate curriculum. 3. create curriculum which supports the areas of practical life, sensorial, mathematics, language, music, art and cultural subjects. 4. plan developmentally appropriate activities and schedules which promote child growth and learning in the Montessori environment. 5. observe and evaluate the Montessori environment. 6. determine the qualities and attributes of a high-performance Montessori assistant.

## Academic Transfer (Baccalaureate)

Does this course transfer to a baccalaureate institution? **If yes, please select one or more applicable distribution below.**

Note that course transferability depends on acceptance of at least 3 major Washington state universities.

<table>
<thead>
<tr>
<th>Basic Skills/Communication</th>
<th>Diversity, check box and submit a separate form to the Diversity Committee.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Skills/Quantitative Skills</td>
<td>Activity is defined as a fully instructed course of study that primarily involves the student in an activity that develops technique or a skill. <em>Explain in the space provided below, in 25 words or less, how this course meets the Activity requirement as defined above.</em></td>
</tr>
<tr>
<td>Humanities/Fine Arts/English</td>
<td></td>
</tr>
<tr>
<td>Social Science</td>
<td></td>
</tr>
<tr>
<td>Natural Science</td>
<td></td>
</tr>
<tr>
<td>Lab Science</td>
<td></td>
</tr>
<tr>
<td>Lifetime Fitness/Wellness/Activity</td>
<td></td>
</tr>
</tbody>
</table>

## Meets General Education Requirement (GER/GUR): Select one or more from the list below

- Basic Skills/Communication
- Basic Skills/Quantitative Skills
- Humanities/Fine Arts/English
- Social Science
- Natural Science
- Lab Science
- Lifetime Fitness/Wellness/Activity

## Course is applicable to one or more of the following degrees: Select one or more from the list below

- Associate in Arts degree (AA-DTA)
- Associate in Business (AB-DTA)
- Associate in Elementary Education (AEE-DTA)
- Associate in Fine Arts (AFA-DTA)
<table>
<thead>
<tr>
<th>Program</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate in Math Education</td>
<td>AM-DTA</td>
</tr>
<tr>
<td>Associate in Pre-Nursing</td>
<td>APren-DTA/MRP</td>
</tr>
<tr>
<td>Associate of Science-Transfer</td>
<td>AS-T Opt 1</td>
</tr>
<tr>
<td>Associate of Science-Transfer</td>
<td>AS-T Opt 2</td>
</tr>
<tr>
<td>Associate in Biology Education</td>
<td>AS-T Opt 1</td>
</tr>
<tr>
<td>Associate in Chemistry Education</td>
<td>AS-T Opt 1</td>
</tr>
<tr>
<td>Associate in General Science Education</td>
<td>AS-T Opt 1</td>
</tr>
<tr>
<td>Associate in Physics Education</td>
<td>AS-T Opt 2</td>
</tr>
<tr>
<td>Associate in Mechanical/Civil/Aeronautical/Industrial/Material Sciences Pre-Engr</td>
<td>AS-T Opt 2 MRP</td>
</tr>
<tr>
<td>Associate in Biological or Chemical Pre-Engr</td>
<td>AS-T Opt 2 MRP</td>
</tr>
<tr>
<td>Associate in Computer or Electrical Pre-Engr</td>
<td>AS-T Opt 2 MRP</td>
</tr>
</tbody>
</table>

*List applicable programs in space provided below*
List applicable programs in space provided below:

- Early Childhood Education
- Montessori Teaching

Campus-Wide Learning Outcomes (CWLO)
Select applicable from the list below and explain how students will demonstrate outcomes in the space provided:

- Critical Thinking
- Responsibility
- Quantitative and Symbolic Reasoning
- Written Communication

Professional/Technical Degrees - *Does this course apply towards a professional/technical degree?*

<table>
<thead>
<tr>
<th>Associate in Applied Arts degree (AAA)</th>
<th>Associate in Applied Science (AAS)</th>
<th>Professional/Technical Cert (Cert-P)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Early Childhood Education</td>
<td>1.</td>
<td>1. Early Childhood Assistant</td>
</tr>
<tr>
<td>2.</td>
<td>2.</td>
<td>2. Montessori Teaching</td>
</tr>
<tr>
<td>3.</td>
<td>3.</td>
<td>3.</td>
</tr>
<tr>
<td>4.</td>
<td>4.</td>
<td>4.</td>
</tr>
</tbody>
</table>

Related Instruction Requirements:
Does this course meet the Related Instruction requirements for professional/technical degrees? If yes, select one or more from the following list.

- Written Communication
- Oral Communication
- Computation
- Human Relations

However, if you chose Human Relations from the list above, you must also choose a minimum of 80% (8 out of 10) of the US Dept of Labor Secretary’s Commission on Achieving Necessary Skills (SCANS) attributes listed below:

- Demonstrates Responsibility
- Demonstrates Self-worth
- Demonstrates sociability in groups
- Demonstrates self-management
- Demonstrates integrity/honesty
- Participates as a team member
- Teaches/help others
- Exhibits leadership
- Negotiates Agreements
- Appreciates and works with diverse group

Advisory Committee Approval Date ________

Evaluation: (Grading System)

Grades will be assigned in accordance with the decimal grading system as outlined in the college catalog.

- Pass/No Credit
- Satisfactory
- Competency-Based

SIGNATURE APPROVALS

Initiator: (Date): Diana Holz

Faculty Course Review Committee (FCRC): (Date):

Division Chair: (Date): Leslie Kessler

Instruction Council (IC): (Date):
Dean of Instruction: (Date):

Sidney Weldele-Wallace

Vice President of Instruction: (Date):

Institutional Intent Code: CIP Code: Educational Program Code:

Preliminary Approval Requested

Reviewed/Processed by: Educational Support Services Date

Do not write below line: For Education Support Services USE only:
Course Adoption Revision
CANCELLED COURSE

The college is committed to assisting disabled and disadvantaged students with problems they may encounter at Green River. For information, registration assistance, accessibility, advocacy and liaison with faculty and staff contact the Disabled Student Services Coordinator (ext. 2631).

Date Submitted: 10/30/2012
Division 2U - Technology
Effective: Qtr Summer Year 2013-2014

Course Abbreviation IT 130
Capacity 24
Tuition Normal Different Exempt

Long Course Title Introduction to Networking
Number of Sections offered each quarter: Summer 1 Fall 1 Winter 0 Spring 0

Variable Credits Minimum Maximum
Number of Credits 5
Discussion/Lecture 55.0
Applied Learning(Lab) 
Clinical (On-Site) 
Indicate when variable credits apply None

Advisory Committee Approval Date 4/5/2005
Will this course require computers? If yes, select one or more from the following:
[ ] Open Lab [ ] Classroom [ ] Library

Justification: (Specify if for printed materials, supplies, computer equipment, etc)
Computer software and system replacement

Catalog Course Description
Provides individuals who are new to networking with the knowledge of networking. Topics include PC networking, TCP/IP and OSI models; ethernet fundamentals, IP addressing and subnetting.

Prerequisite(s) if any:
IT 110 and IT 115 or instructor's permission.

Course Content Learning Outcomes
By the end of the quarter, the student will be able to:
? Plan and install a home or small business network and connect it to the Internet

Sequence Course(s) Cross-listed Course(s)

Academic Transfer (Baccalaureate) Please select one or more distribution areas below:
[ ] Basic Skills/Communication
[ ] Basic Skills/Quantitative Skills
[ ] Humanities/Fine Arts/English
[ ] Social Science
[ ] Natural Science
[ ] Lab Science
[ ] Lifetime Fitness/Wellness/Activity
[ ] Activity
Activity is a fully instructed course of study that primarily involves the student in an activity that develops a technique or skill. If selected, please explain in 25 words or less how this course meets the activity requirement as defined.

[ ] Diversity
If course meets diversity requirements, please check box and submit CAR to the Instructional Diversity Committee (IDC) for review and approval.

Select one or more transfer degrees below, that this course will apply.

[ ] (AA-DTA) Associate in Arts degree
[ ] (AB-DTA) Associate in Business
[ ] (DTA-MRP) Associate in Elementary Education
[ ] (AFA-DTA) Associate in Fine Arts
[ ] (AM-DTA) Associate in Math Education
[ ] (APREN-DTA/MRP) Associate in Pre-Nursing
[ ] (AS-Option 1) Associate of Science Degree
[ ] (AS-Option 2) Associate of Science Degree - Engineering, Engineering Technology, Computer Science, Physics, and Atmospheric Sciences
[ ] (AS-T) Associate in Biology Education
[ ] (AS-T) Associate in Chemistry Education
[ ] (AS-T) Associate in General Science
[ ] (AS-T) Associate in Physics Education
[ ] (AST-MRP1) Engineering: Mechanical/Civil/Aeronautical

https://www.gatornet.greenriver.edu/car/cancel-car.aspx?crs=IT 130
1/7/2013
### Professional/Technical Degrees - Does this course apply towards a professional/technical degree?

<table>
<thead>
<tr>
<th>(AAA) Associate in Applied Arts degree</th>
<th>(AAS) Associate in Applied Science degree</th>
<th>(CERT) Certificate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>1.</td>
<td>1. IT Help Desk Support Technician</td>
</tr>
<tr>
<td>2.</td>
<td>2.</td>
<td>2. IT Network Technician</td>
</tr>
<tr>
<td>3.</td>
<td>3.</td>
<td>3.</td>
</tr>
<tr>
<td>4.</td>
<td>4.</td>
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</tr>
<tr>
<td>6.</td>
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</tbody>
</table>

### Related Instruction requirements - All professional and technical programs must include related instruction requirements for degrees/certificates over 45 credits. Select one or more from the list below:

- [ ] Written Communication
- [ ] Oral Communication
- [ ] Computation
- [ ] Human Relations

If you chose Human Relations, you must choose a minimum of 80% (8 out of 10) of the US Dept of Labor Secretary's Commission on Achieving Necessary Skills (SCANS) attributes listed below:

- [ ] Demonstrates Responsibility
- [ ] Demonstrates Self-worth
- [ ] Demonstrates sociability in groups
- [ ] Demonstrates self-management
- [ ] Demonstrates integrity/honesty
- [ ] Participates as a team member
- [ ] Teaches/help others
- [ ] Exhibits leadership
- [ ] Negotiates Agreements
- [ ] Appreciates and works with diverse group

### Campus-Wide Learning Outcomes (CWLO)

#### Critical Thinking

Critical thinking finds expression in all disciplines and everyday life. It is characterized by an ability to reflect upon thinking patterns, including the role of emotions on thoughts, and to rigorously assess the quality of thought through its work products. Critical thinkers routinely evaluate thinking processes and alter them, as necessary, to facilitate an improvement in their thinking and potentially foster certain dispositions or habits of mind.

#### Responsibility

Responsibility encompasses those behaviors and dispositions necessary for the students to be effective members of a community. This outcome is designed to help students recognize the value of a commitment to those responsibilities which will enable them to work successfully individually and with others. This is to be demonstrated through identifying the recognition and acceptance of consequences.

#### Quantitative Skills

Quantitative Reasoning encompasses abilities necessary for a student to become literate in today’s technological world. Quantitative reasoning begins with basic skills and extends to problem solving. This outcome includes abilities designed to help students. This will be demonstrated by the demonstration of the ability to estimate a solution to a presented problem and the implementation of calculator/computer.

#### Written Communication

Written Communication encompasses all the abilities necessary for effective expression of thought, feelings, and ideas in written form. This outcome is demonstrated by writing weekly reports based on information from the course.

#### Oral Communication

Evaluating

Evaluation (Grading System)

- [ ] Grades (Decimal)
- [ ] Pass/Credit
- [ ] Satisfactory
- [ ] Competency-Based
### Request for Change *(For example - #1 Change No of Credits from 5 to 7)*

1. Changed course description.  
2. Changed Course Content Learning Outcomes.  
3. Changed professional/technical degree applicability.  
4. Changed Campus Wide Learning Outcomes.

### SIGNATURE APPROVALS

<table>
<thead>
<tr>
<th>Role</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initiator</td>
<td>Alan Carter</td>
<td></td>
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<td>Rebecca Rhodes</td>
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<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Executive Vice President (EVP)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Institutional Intent Code:**  
21-Voc Prep

**CIP Code:**  
11.0901

**Educational Program Code:**  
527, 509, 506

Reviewed/Processed by: Educational Support Services  
Date
## Course Adoption Revision

**CANCELLED COURSE**

The college is committed to assisting disabled and disadvantaged students with problems they may encounter at Green River. For information, registration assistance, accessibility, advocacy, and liaison with faculty and staff contact the Disabled Student Services Coordinator (ext. 2833).

### Date Submitted:
10/30/2012

### Division
2U - Technology

### Effective Qtr
Summer

### Year
2013-2014

### Course Abbreviation
IT 150

### Capacity
24

### Tuition
Normal

### Normal
Exempt

### Long Course Title
MS Windows (Cur Vers) Professional II

### Number of Sections offered each quarter:
- Summer: 0
- Fall: 0
- Winter: 1

### Spring
0

### Variable Credits

<table>
<thead>
<tr>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Credits</td>
<td>5</td>
</tr>
</tbody>
</table>

### Discussion/Lecture
55.0

### Applied Learning(Lab)

### Clinical (On-Site)

### Advisory Committee Approval Date

### Will this course require computers? If yes, select one or more from the following:
- Open Lab
- Classroom
- Library

### Justification:
(Specify if for printed materials, supplies, computer equipment, etc)

Computer software and computer systems replacements.

### Catalog Course Description
Provides students with the knowledge and skills necessary to install and configure Microsoft Windows Professional on stand-alone and client computers that are part of a workgroup or domain.

### Prerequisite(s) if any:
IT 110, or instructor's permission.

### Course Content Learning Outcomes
By the end of the quarter, the student will be able to:
1. Install or upgrade to Windows (current version) Professional.
2. Confirm the Windows (current version) Professional environment

### Sequence Course(s)

### Cross-listed Course(s)

### Academic Transfer (Baccalaureate)
Please select one or more distribution areas below:

- Basic Skills/Communication
- Basic Skills/Quantitative Skills
- Humanities/Fine Arts/English
- Social Science
- Natural Science
- Lab Science
- Lifetime Fitness/Wellness/Activity

Select one or more transfer degrees below, that this course will apply:

- (AA-DTA) Associate in Arts degree
- (AB-DTA) Associate in Business
- (DTA-MRP) Associate in Elementary Education
- (AFA-DTA) Associate in Fine Arts
- (AM-DTA) Associate in Math Education
- (APREN-DTA/MRP) Associate in Pre-Nursing
- (AS-Option 1) Associate of Science Degree
- (AS-Option 2) Associate of Science Degree
  - Engineering, Engineering Technology, Computer Science, Physics, and Atmospheric Sciences
- (AS-T) Associate in Biology Education
- (AS-T) Associate in Chemistry Education
- (AS-T) Associate in General Science
- (AS-T) Associate in Physics Education
- (AST-MRP 1) Engineering: Mechanical/Civil/Aeronautical
- Biology, Environmental Science, Chemistry, Geology, and Earth Science
- (APP) Associate in Pre-Professional Degree
- Associate in Applied Science - Transfer
- Academic Certificate (A-Cert)

| 1.  |  | 1.  |
| 2.  |  | 2.  |
| 3.  |  | 3.  |
| 4.  |  | 4.  |
| 5.  |  | 5.  |
| 6.  |  | 6.  |

Professional/Technical Degrees - Does this course apply towards a professional/technical degree?

<table>
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Related Instruction requirements - All professional and technical programs must include related instruction requirements for degrees/certificates over 45 credits. Select one or more from the list below:

- Written Communication
- Oral Communication
- Computation
- Human Relations

If you chose Human Relations, you must choose a minimum of 80% (8 out of 10) of the US Dept of Labor Secretary’s Commission on Achieving Necessary Skills (SCANS) attributes listed below:

- Demonstrates Responsibility
- Demonstrates Self-worth
- Demonstrates sociability in groups
- Demonstrates self-management
- Demonstrates integrity/honesty
- Participates as a team member
- Teaches/help others
- Exhibits leadership
- Negotiates Agreements
- Appreciates and works with diverse group

Campus-Wide Learning Outcomes (CWLO)

Critical Thinking
The student will be able to state the purpose of an assignment, identify pertinent concepts presented, analyze the implications of a concept, identify the point of view of the material, and prepare a conclusion of that assignment. This outcome is demonstrated by:
1. Active and meaningful participation in lectures/discussions.

Responsibility
This outcome is demonstrated by:
1. Being prepared for class.
2. Active and meaningful participation in lectures/discussions.
3. Understanding the material and its related concepts.

Quantitative Skills
The student will be able to apply quantitative concepts in order to address real-world computer related business applications and demonstrate appropriate uses of technology (computers and calculators) for interpreting data and for presenting results in their assignments. This outcome is demonstrated by:
1. Understanding the material and its related concepts.

Written Communication
The student will be able to use Standard English in completing assignments and to proofread and revise their own writings with a clear sense of purpose, unity, and focus. This outcome is demonstrated by:
1. Weekly written analysis.

Oral Communication

Evaluation (Grading System)
- Grades (Decimal)
- Pass/Credit
- Satisfactory
- Competency-Based

### Request for Change *(For example - #1 Change No of Credits from 5 to 7)*

<table>
<thead>
<tr>
<th>SIGNATURE APPROVALS</th>
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<tbody>
<tr>
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</tr>
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</tr>
<tr>
<td><strong>Executive Vice President (EVP):</strong></td>
</tr>
</tbody>
</table>

**Institutional Intent Code:** 21-Voc Prep  
**CIP Code:** 11.0901  
**Educational Program Code:**  

Reviewed/Processed by: Educational Support Services  
Date
**Course Adoption Revision**

**CANCELLED COURSE**

The college is committed to assisting disabled and disadvantaged students with problems they may encounter at Green River. For information, registration assistance, accessibility, advocacy and liaison with faculty and staff contact the Disabled Student Services Coordinator (ext. 2831).

---

**Date Submitted:** 10/30/2012

**Division:** 2U - Technology

**Effective:** Qtr Summer, Year 2013-2014

---

<table>
<thead>
<tr>
<th>Course Abbreviation</th>
<th>IT 171</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capacity</strong></td>
<td>24</td>
</tr>
<tr>
<td><strong>Tuition</strong></td>
<td>Normal</td>
</tr>
<tr>
<td><strong>Exempt</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Long Course Title:** IT Work Experience Seminar

**Number of Sections offered each quarter:**
- Summer: 0
- Fall: 0
- Winter: 1
- Spring: 1

**Short Course Title:** IT Work Exp. Seminar

**Coop Fee Amount (h)**
- 1: 0.00
- 2: 0.00

**Budget#**

**Fee Code**

**Justification:** (Specify if for printed materials, supplies, computer equipment, etc.)

---

**Catalog Course Description**

Prepares students to do job searches, prepare resumes and cover letters, and to dress professionally for the work environment. Uses taped practice interview sessions to improve interviewing skills. Students learn proper e-mail techniques and meeting etiquette.

**Prerequisite(s) if any:**

Eligible for READ 094 or Instructor's Permission

---

**Course Content Learning Outcomes**

- Write a professional resume that is clear, appropriate and complete.
- Practice interview skills in taped interview sessions.
- Use appropriate research techniques to locate interview opportunities.

**Sequence Course(s)**

**Cross-listed Course(s)**

---

**Academic Transfer (Baccalaureate)**

Please select one or more distribution areas below:

- Basic Skills/Communication
- Basic Skills/Quantitative Skills
- Humanities/Fine Arts/English
- Social Science
- Natural Science
- Lab Science
- Lifetime Fitness/Wellness/Activity

**Activity**

Activity is a fully instructed course of study that primarily involves the student in an activity that develops a technique or skill. If selected, please explain in 25 words or less how this course meets the activity requirement as defined.

---

**Diversity**

If course meets diversity requirements, please check box and submit CAR to the Instructional Diversity Committee (IDC) for review and approval.

---

Select one or more transfer degrees below, that this course will apply:

- (AA-DTA) Associate in Arts degree
- (AB-DTA) Associate in Business
- (DTA-MRP) Associate in Elementary Education
- (AFA-DTA) Associate in Fine Arts
- (AM-DTA) Associate in Math Education
- (APREN-DTA/MRP) Associate in Pre-Nursing
- (AS-Option 1) Associate of Science Degree
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- Engineering, Engineering Technology, Computer Science, Physics, and Atmospheric Sciences
- (AS-T) Associate in Biology Education
- (AS-T) Associate in Chemistry Education
- (AS-T) Associate in General Science
- (AS-T) Associate in Physics Education
- (AST-MRP) Engineering: Mechanical/Civil/Aeronautical

---

**Justification:**

(Specify if for printed materials, supplies, computer equipment, etc.)
Necessary Skills (SCANS) attributes listed below:

- Biology, Environmental Science, Chemistry, Geology, and Earth Science
- DTA-MRP2 Engineering: Biological/Chemical
- DTA-MRP3 Engineering: Computer or Electrica

### Associate in Pre-Professional Degree

1. 
2. 
3. 
4. 
5. 
6. 

### Associate in Applied Science - Transfer

1. 
2. 
3. 
4. 
5. 
6. 

### Academic Certificate (A-Cert)

1. 
2. 
3. 
4. 
5. 
6. 

**Professional/Technical Degrees - Does this course apply towards a professional/technical degree?**

- [ ] Written Communication
- [ ] Oral Communication
- [ ] Computation
- [ ] Human Relations

**Related Instruction requirements** - All professional and technical programs must include related instruction requirements for degrees/certificates over 45 credits. Select one or more from the list below:

- [ ] Demonstrates Responsibility
- [ ] Demonstrates Self-worth
- [ ] Demonstrates sociability in groups
- [ ] Demonstrates self-management
- [ ] Demonstrates integrity/honesty
- [ ] Participates as a team member
- [ ] Teaches/help others
- [ ] Exhibits leadership
- [ ] Negotiates Agreements
- [ ] Appreciates and works with diverse group

**Campus-Wide Learning Outcomes (CWLO)**

**Critical Thinking**

**Responsibility**

**Quantitative Skills**

**Written Communication**

The student will use standard English in assignments. Students will proofread and revise assignments using a clear, straightforward writing style. This outcome is demonstrated by: 1) Writing, proofreading, and revising a resume and cover letter. 2) Writing clear, concise e-mails that use full sentences and are free of jargon and text-messaging shorthand.

**Oral Communication**

**Evaluation (Grading System)**

- [ ] Grades (Decimal)
- [ ] Pass/Credit
- [ ] Satisfactory
- [ ] Competency-Based
## Request for Change

*(For example - #1 Change No of Credits from 5 to 7)*

<table>
<thead>
<tr>
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</tr>
</thead>
</table>
| **Initiator:** alan Carter  
**Div. Chair:** Jeff McCauley  
**Dean of Instruction:** Rebecca Rhodes  
**Faculty Course Review Committee (FCRC):** (Date): |
| **Instruction Council (IC):** (Date):  
**Executive Vice President (EVP):** (Date): |

| Institutional Intent Code: 21  
**CIP Code:** 11.0301  
**Educational Program Code:** 534,508,509 |

Reviewed/Processed by: Educational Support Services  
Date
# Course Adoption Revision

**CANCELLED COURSE**

The college is committed to assisting disabled and disadvantaged students with problems they may encounter at Green River. For information, registration assistance, accessibility, advocacy and liaison with faculty and staff contact the Disabled Student Services Coordinator (ext. 2831).

**Date Submitted:** 10/30/2012

**Division:** 2U - Technology

**Effective:** Qtr Summer  Year 2013-2014

**Course Abbreviation:** IT 205

**Capacity:** 24

**Tuition:** Normal

**Long Course Title:** Database Theory

**Number of Sections offered each quarter:**

<table>
<thead>
<tr>
<th>Quarter</th>
<th>Summer</th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Maximum</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Variable Credits**

<table>
<thead>
<tr>
<th>Component</th>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Credits</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Discussion/Lecture</td>
<td>55.0</td>
<td></td>
</tr>
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<td>Clinical (On-Site)</td>
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**Indicate when variable credits apply:**

<table>
<thead>
<tr>
<th>Advisory Committee Approval Date</th>
<th>Will this course require computers? If yes, select one or more from the following:</th>
<th>Will this course require library to purchase more library and media resources</th>
<th>Course Content Learning Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td>4/5/2005</td>
<td>Open Lab, Classroom, Library</td>
<td>No, Yes</td>
<td>By the end of the quarter the student will be able to:</td>
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<tr>
<td></td>
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<td></td>
<td>1. Explain the concepts and terminology of relational databases.</td>
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<tr>
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<td></td>
<td></td>
<td>2. Apply normalization rules to normalize a database.</td>
</tr>
</tbody>
</table>

**Catalog Course Description**

A primary course in database systems. Students develop applications using commercial or open source database systems. Presents the fundamentals of database technology through understanding of database concepts, the relational model, Structured Query Language (SQL), Entity Relationship (ER) diagrams, logical and physical database design, and concepts of referential integrity and normalization.

**Prerequisite(s)** if any:

IT 190 or CS& 131 or 141.

**Course Content Learning Outcomes**

By the end of the quarter the student will be able to:

1. Explain the concepts and terminology of relational databases.
2. Apply normalization rules to normalize a database.

**Sequence Course(s)**

**Cross-listed Course(s)**

**Academic Transfer (Baccalaureate)**

Please select one or more distribution areas below:

- Basic Skills/Communication
- Basic Skills/Quantitative Skills
- Humanities/Fine Arts/English
- Social Science
- Natural Science
- Lab Science
- Lifetime Fitness/Wellness/Activity
- Activity
- Diversity

If course meets diversity requirements, please check box and submit CAR to the Instructional Diversity Committee (IDC) for review and approval.

Select one or more transfer degrees below, that this course will apply:

- (AA-DTA) Associate in Arts degree
- (AB-DTA) Associate in Business
- (DTA-MRP) Associate in Elementary Education
- (AFA-DTA) Associate in Fine Arts
- (AM-DTA) Associate in Math Education
- (APRENDTA/MRP) Associate in Pre-Nursing
- (AS-Option 1) Associate of Science Degree
- (AS-Option 2) Associate of Science Degree
- Engineering, Engineering Technology, Computer Science, Physics, and Atmospheric Sciences
- (AS-T) Associate in Biology Education
- (AS-T) Associate in Chemistry Education
- (AS-T) Associate in General Science
- (AS-T) Associate in Physics Education
- (AST-MRP1) Engineering: Mechanical/Civil/Aeronautical

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https://www.gatornet.greenriver.edu/car/cancel-car.aspx?crs=IT%20205

1/7/2013
### Necessary Skills (SCANS) attributes listed below:

<table>
<thead>
<tr>
<th>(APP) Associate in Pre-Professional Degree</th>
<th>Associate in Applied Science - Transfer</th>
<th>Academic Certificate (A-Cert)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
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</table>

### Professional/Technical Degrees - Does this course apply towards a professional/technical degree?

<table>
<thead>
<tr>
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### Related Instruction requirements - All professional and technical programs must include related instruction requirements for degrees/certificates over 45 credits. Select one or more from the list below:

- Written Communication
- Oral Communication
- Computation
- Human Relations

If you chose Human Relations, you must choose a minimum of 80% (8 out of 10) of the US Dept of Labor Secretary’s Commission on Achieving Necessary Skills (SCANS) attributes listed below:

- Demonstrates Responsibility
- Demonstrates Self-worth
- Demonstrates sociability in groups
- Demonstrates self-management
- Demonstrates integrity/honesty
- Participates as a team member
- Teaches/help others
- Exhibits leadership
- Negotiates Agreements
- Appreciates and works with diverse group

### Campus-Wide Learning Outcomes (CWLO)

#### Critical Thinking

Critical Thinking is an overarching ability, which finds expression in all disciplines as well as in every situation in life where a person is trying to figure something out. In its most general form, critical thinking consists of disciplined, self-directed thinking which enables students to identify and solve problems, to evaluate arguments and sources of information, and to assess their own thinking—all with respect to explicit standards.

#### Responsibility

#### Quantitative Skills

Quantitative thinking begins with basic skills and extends to problem solving. The student will be able to apply quantitative concepts in order to address real-world computer related business applications and demonstrate appropriate uses of technology (computers and calculators) for interpreting data and for presenting results in their assignments.

#### Written Communication

#### Oral Communication

### Evaluation (Grading System)

- Grades (Decimal)
- Pass/Credit
- Satisfactory
- Competency-Based

---

[Link to course details](https://www.gatornet.greenriver.edu/car/cancel-car.aspx?crs=IT 205)
Request for Change *(For example - #1 Change No of Credits from 5 to 7)*

**SIGNATURE APPROVALS**

Initiator: (Date):  
Faculty Course Review Committee (FCRC): (Date):  
Division Chair: (Date):  
Instruction Council (IC): (Date):  
Dean of Instruction: (Date):  
Executive Vice President (EVP): (Date):  
For Education Support Support Office USE only

Institutional Intent Code:  
CIP Code: 11.0802  
Educational Program Code: 506, 527

Reviewed/Processed by: Educational Support Services Date

**Course Adoption Revision**

**CANCELLED COURSE**

The college is committed to assisting disabled and disadvantaged students with problems they may encounter at Green River. For information, registration assistance, accessibility, advocacy and liaison with faculty and staff contact the Disabled Student Services Coordinator (ext. 2831).

---

**Date Submitted:** 10/30/2012

**Division:** 2U - Technology

**Effective:** Qtr Summer - Year 2013-2014

**Course Abbreviation:** IT 215

**Capacity:** 24

**Effective:** Qtr Summer - Year 2013-2014

**Number of Sections offered each quarter:** Summer 1 Fall 1 Winter 0 Spring 0

<table>
<thead>
<tr>
<th>Variable Credits</th>
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<td>Applied Learning/Lab</td>
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<td>Clinical (On-Site)</td>
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</table>

**Indicate when variable credits apply:** None

**Advisory Committee Approval Date:** 4/5/2005

**Preliminary Approval Requested**

**Executive Vice President**

**Justification:** (Specify if for printed materials, supplies, computer equipment, etc)

- Computer software and computer systems replacements

---

**Catalog Course Description**

Focuses on the principles of network security testing and forensics. Extensive hands-on experience with various security auditing and forensics tools.

**Prerequisite(s) if any:**

- IT 130 and 135; or instructor's permission.

**Course Content Learning Outcomes**

At the end of this course the student will be able to describe:

1. Network and computer attacks
2. Forensic and social engineering

**Sequence Course(s)**

**Cross-listed Course(s)**

---

**Academic Transfer (Baccalaureate)**

Please select one or more distribution areas below:

- Basic Skills/Communication
- Basic Skills/Quantitative Skills
- Humanities/Fine Arts/English
- Social Science
- Natural Science
- Lab Science
- Lifetime Fitness/Wellness/Activity
- Activity
- Diversity

Select one or more transfer degrees below, that this course will apply:

- (AA-DTA) Associate in Arts degree
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**Fee Amount (S)**

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Necessary Skills (SCANS) attributes listed below:

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**Related Instruction requirements** - All professional and technical programs must include related instruction requirements for degrees/certificates over 45 credits. Select one or more from the list below:

- Written Communication
- Oral Communication
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- Human Relations

If you chose Human Relations, you must choose a minimum of 80% (8 out of 10) of the US Dept of Labor Secretary’s Commission on Achieving Necessary Skills (SCANS) attributes listed below:

- Demonstrates Responsibility
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- Demonstrates self-management
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- Participates as a team member
- Teaches/help others
- Exhibits leadership
- Negotiates Agreements
- Appreciates and works with diverse groups

**Campus-Wide Learning Outcomes (CWLO)**

**Critical Thinking**

Critical Thinking finds expression in all disciplines and everyday life. It is characterized by an ability to reflect upon thinking patterns, including the role of emotions on thoughts, and to rigorously assess the quality of thought through its work products. Critical thinkers routinely evaluate thinking processes and alter them, as necessary, to facilitate an improvement in their thinking and potentially foster certain dispositions or behaviors.

**Responsibility**

Responsibility encompasses those behaviors and dispositions necessary for the students to be effective members of a community. This outcome is designed to help students recognize the value of a commitment to those responsibilities which will enable them to work successfully individually and with others. This is to be demonstrated through identifying the recognition and acceptance of consequences.

**Quantitative Skills**

Quantitative Reasoning encompasses abilities necessary for a student to become literate in today’s technological world. Quantitative reasoning begins with basic skills and extends to problem solving. This outcome includes abilities designed to help students. This will be demonstrated by the demonstration of the ability to estimate a solution to a presented problem and the implementation of calculator/computer

**Written Communication**

Written Communication encompasses all the abilities necessary for effective expression of thought, feelings, and ideas in written form. This course will explore and evaluate the ability to use common tools of information research in writing, and to develop an idea with support. The use of appropriate mechanics, grammar, and word usage will be evaluated. This outcome is demonstrated by writing weekly reports based on information from the course.

**Oral Communication**

**Evaluation (Grading System)**

- Grades (Decimal)
- Pass/Credit
- Satisfactory
- Competency-Based
### Request for Change (For example - #1 Change No of Credits from 5 to 7)

1. Changed course description.
2. Changed Course Content Learning Outcomes.
3. Changed professional/technical degree applicability.
4. Changed Campus Wide Learning Outcomes.

### SIGNATURE APPROVALS

<table>
<thead>
<tr>
<th>Role</th>
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**For Education Support Support Office USE only**

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<td>Educational Program Code:</td>
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</table>
Course Adoption Revision

CANCELLED COURSE

The college is committed to assisting disabled and disadvantaged students with problems they may encounter at Green River. For information, registration assistance, accessibility, advocacy and liaison with faculty and staff contact the Disabled Student Services Coordinator (ext. 2833).

Date Submitted: 10/30/2012

Division 2U - Technology

Effective: Qtr Summer Year 2013-2014

Course Abbreviation IT 213

Capacity 18

Long Course Title Implementing Wide Area Networking

Number of Sections offered each quarter: Summer 1 Fall 1 Winter 1 Spring 1

<table>
<thead>
<tr>
<th>Variable Credits</th>
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<td>44</td>
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</tr>
<tr>
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<td></td>
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</tr>
</tbody>
</table>

Indicate when variable credits apply None

Catalog Course Description

Presents concepts and configuration details for Wide Area Network (WAN) technologies and protocols. Key topics include WAN design, configuring Point-to-Point Protocol (PPP), Integrated Service Digital Network (ISDN), and frame relay services.

Prerequisite(s) if any: IT 211 or Instructor's permission.

Course Content Learning Outcomes

1. Differentiate between the following WAN services: LAPB, Frame Relay, ISDN/LAPD, HDLC, PPP, and DDR
2. Recognize key Frame Relay terms and features
3. List commands to configure Frame Relay LMI, man, and sub-interfaces

Sequence Course(s) Cross-listed Course(s)

Academic Transfer (Baccalaureate) Please select one or more distribution areas below:

- Basic Skills/Communication
- Basic Skills/Quantitative Skills
- Humanities/Fine Arts/English
- Social Science
- Natural Science
- Lab Science
- Life Fitness/Wellness/Activity
- Activity
- Diversity
- Arts
- Sciences
- Applied Science
- Engineering
- Computer Science
- Physics
- Atmospheric Sciences
- Biology
- Chemistry
- General Science
- Physics Education
- Mechanical Civil/Aviation

Select one or more transfer degrees below, that this course will apply:

- (AA-OTA) Associate in Arts degree
- (AB-OTA) Associate in Business
- (DTA-MRP) Associate in Elementary Education
- (AFA-OTA) Associate in Fine Arts
- (AM-OTA) Associate in Math Education
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### Campus-Wide Learning Outcomes (CWLO)

#### Critical Thinking

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#### Responsibility

- Identify and comply with clearly stated expectations, policies, and procedures.
- Appropriately question or change stated expectations, policies, and procedures.

#### Quantitative Skills

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#### Written Communication

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#### Oral Communication

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#### Evaluation (Grading System)

- [ ] Grades (Decimal)
- [ ] Pass/Credit
- [ ] Satisfactory
- [ ] Competency-Based
Request for Change *(For example - #1 Change No of Credits from 5 to 7)*

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Reviewed/Processed by: Educational Support Services Date
Course Adoption Revision

CANCELLED COURSE

The college is committed to assisting disabled and disadvantaged students with problems they may encounter at Green River. For information, registration assistance, accessibility, advocacy and liaison with faculty and staff contact the Disabled Student Services Coordinator (ext. 2631).

Date Submitted: 10/30/2012

Division: 2U - Technology

Effective: Qtr Summer , Year: 2013-2014

Course Abbreviation: IT 212

Capacity 18

Tuition: Normal

Effective: Qtr Summer , Year: 2013-2014

Course Title: Advanced Routing and Switching

Long Course Title: Advanced Routing and Switching

Number of Sections offered each quarter: Summer 1 Fall 1 Winter 1

Spring 1

Variable Credits

<table>
<thead>
<tr>
<th>Minimum</th>
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<td>None</td>
</tr>
</tbody>
</table>

Indicate when variable credits apply:

- Advisory Committee Approval Date
- Will this course require computers? If yes, select one or more from the following:
  - Open Lab
  - Classroom
  - Library
- Will this course require library to purchase more library and media resources
  - No
  - Yes

Catalog Course Description:

Students learn advanced routing and basic switching skills. Key topics include basic switching, Virtual Local Area Networks (VLANs), access control lists, Novell Netwares IPX/SPX, and Cisco Interior Gateway Routing Protocol (IGRP).

Prerequisite(s) if any:

- IT 211 or Instructor's permission

Course Content Learning Outcomes:

1. List the required IPX address and encapsulation type
2. Configure IPX access lists and SAP filters to control basic Novell traffic
3. Enable the Novell IPX network and configure interfaces

Sequence Course(s)

Cross-listed Course(s)

Academic Transfer (Baccalaureate): Please select one or more distribution areas below:

- Basic Skills/Communication
- Basic Skills/Quantitative Skills
- Humanities/Fine Arts/English
- Social Science
- Natural Science
- Lab Science
- Lifetime Fitness/Wellness/Activity

Select one or more transfer degrees below, that this course will apply:

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- (AST-MRP) Engineering: Mechanical/Civil/Aeronautical

Justification: (Specify if for printed materials, supplies, computer equipment, etc)

- Computer software, systems replacement, and networking equipment.

Add CAR Form - CAR Revision


Page 1 of 3
### Necessary Skills (SCANS) attributes listed below:

If you chose Human Relations, you must choose a minimum of 80% (8 out of 10) of the US Dept of Labor Secretary's Commission on Achieving Necessary Skills (SCANS) attributes listed below:

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- Participates as a team member
- Teaches/help others
- Exhibits leadership
- Negotiates Agreements
- Appreciates and works with diverse group

### Professional/Technical Degrees - Does this course apply towards a professional/technical degree?

- Biology, Environmental Science, Chemistry, Geology, and Earth Science
- (APP) Associate in Pre-Professional Degree
- (AAS) Associate in Applied Science degree
- Academic Certificate (A-Cert)
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### Related Instruction requirements - All professional and technical programs must include related instruction requirements for degrees/certificates over 45 credits. Select one or more from the list below:

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### Campus-Wide Learning Outcomes (CWLO)

**Critical Thinking**

- 

**Responsibility**

- Identify and comply with clearly stated expectations, policies, and procedures.
- Appropriately question or change stated expectations, policies, and procedures.

**Quantitative Skills**

- 

**Written Communication**

- 

**Oral Communication**

- 

**Evaluation (Grading System)**

- Grades (Decimal)
- Pass/Credit
- Satisfactory
- Competency-Based
## Request for Change *(For example - #1 Change No of Credits from 5 to 7)*

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For Education Support Support Office USE only

Institutional Intent Code:  
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Reviewed/Processed by: Educational Support Services  
Date

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(Date):   

Instruction Council (IC):  
(Date):   

Executive Vice President (EVP):  
(Date):   

Add CAR Form - CAR Revision


1/7/2013
Course Adoption Revision
CANCELLED COURSE

The college is committed to assisting disabled and disadvantaged students with problems they may encounter at Green River. For information, registration assistance, accessibility, advocacy and liaison with faculty and staff contact the Disabled Student Services Coordinator (ext. 2831).

Date Submitted: 10/30/2012

Division 2U - Technology

Effective: Qtr Summer  Year 2013-2014

Course Abbreviation IT 211
Capacity 18
Tuition Normal

Long Course Title Routing Theory and Implementation
Number of Sections offered each quarter: Summer 1 Fall 1 Winter 1 Spring 1

Variable Credits
Minimum Maximum
Number of Credits 5
Discussion/Lecture 33
Applied Learning(Lab) 44
Clinical (On-Site) None

Indicate when variable credits apply:
Advisory Committee Approval Date
Will this course require computers? If yes, select one or more from the following:
Open Lab Classroom Library
Will this course require library to purchase more library and media resources
Yes

Catalog Course Description
Students learn the skills required to configure a Cisco router using Command Line Interface (CLI) commands. Key topics include router components, startup sequence, password security, and configuring interfaces and routing protocols.

Prerequisite(s) if any:
IT 130 or concurrent enrollment; or instructor's permission.

Course Content Learning Outcomes
1. Use router elements (RAM, ROM, CDP, and show)
2. Describe connection-oriented network service and connectionless network service, and identify their key differences
3. Define flow control and describe the three basic methods used in networking

Sequence Course(s)
Cross-listed Course(s)

Academic Transfer (Baccalaureate)
Please select one or more distribution areas below:

- Basic Skills/Communication
- Basic Skills/Quantitative Skills
- Humanities/Fine Arts/English
- Social Science
- Natural Science
- Lab Science
- Lifetime Fitness/Wellness/Activity
- Activity
- Diversity

Activity
Activity is a fully instructed course of study that primarily involves the student in an activity that develops a technique or skill. If selected, please explain in 25 words or less how this course meets the activity requirement as defined.

Diversity
If course meets diversity requirements, please check box and submit CAR to the Instructional Diversity Committee (IDC) for review and approval.

Select one or more transfer degrees below, that this course will apply:

- (AA-DTA) Associate in Arts degree
- (AB-DTA) Associate in Business
- (DTA-MRP) Associate in Elementary Education
- (AFA-DTA) Associate in Fine Arts
- (AM-DTA) Associate in Math Education
- (APRENDATAMRP) Associate in Pre-Nursing
- (AS-Option 1) Associate of Science Degree
- (AS-Option 2) Associate of Science Degree in Engineering, Engineering Technology, Computer Science, Physics, and Atmospheric Sciences
- (AS-T) Associate in Biology Education
- (AS-T) Associate in Chemistry Education
- (AS-T) Associate in General Science
- (AS-T) Associate in Physics Education
- (AST-MRP1) Engineering: Mechanical/Civil/Aeronautical

### Professional/Technical Degrees - Does this course apply towards a professional/technical degree?

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</table>

### Related Instruction requirements - All professional and technical programs must include related instruction requirements for degrees/certificates over 45 credits. Select one or more from the list below:

- Written Communication
- Oral Communication
- Computation
- Human Relations

If you chose Human Relations, you must choose a minimum of 80% (8 out of 10) of the US Dept of Labor Secretary’s Commission on Achieving Necessary Skills (SCANS) attributes listed below:

- Demonstrates Responsibility
- Demonstrates Self-worth
- Demonstrates socialization in groups
- Demonstrates self-management
- Demonstrates integrity/honesty
- Participates as a team member
- Teaches/help others
- Exhibits leadership
- Negotiates Agreements
- Appreciates and works with diverse group

### Campus-Wide Learning Outcomes (CWLO)

#### Critical Thinking

#### Responsibility

Identify and comply with clearly stated expectations, policies, and procedures.

Appropriately question or change stated expectations, policies, and procedures.

#### Quantitative Skills

#### Written Communication

#### Oral Communication

#### Evaluation (Grading System)

- Grades (Decimal)
- Pass/Credit
- Satisfactory
- Competency-Based
Request for Change *(For example - #1 Change No of Credits from 5 to 7)*

**SIGNATURE APPROVALS**

<table>
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*For Education Support Support Office USE only*

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Reviewed/Processed by: Educational Support Services  Date
Course Adoption Revision
CANCELLLED COURSE

The college is committed to assisting disabled and disadvantages students with problems they may encounter at Green River. For information, registration assistance, accessibility, advocacy and liaison with faculty and staff contact the Disabled Student Services Coordinator (ext. 283).

Date Submitted: 10/30/2012
Division 2U - Technology
Effective: Qtr Summer Year 2013-2014

Course Abbreviation IT 274
Capacity 18 Tuition Normal Different Exempt
Long Course Title CCNA Exam Preparation
Number of Sections offered each quarter: Summer 1 Fall 1 Winter 1 Spring 1

Variable Credits Minimum Maximum
Number of Credits 5 5
Discussion/Lecture 55 55
Applied Learning(Lab) 5 5
Clinical (On-Site) 5 5
Indicate when variable credits apply None

Coop Fee Amount Budget# Fee Code
1 30.00 1Y14 AK
2 20.00 1Y00 02

Justification: (Specify if for printed materials, supplies, computer equipment, etc)
- Computer Software, Systems Replacement, and Networking Equipment

Catalog Course Description
Prepares students who have completed IT 131, IT 211, IT 212, and IT 213 to take the CCNA exam. Topics include practice tests, reviews, hands-on labs and simulations.

Prerequisite(s) if any:
IT 213 or Instructor's permission.

Course Content Learning Outcomes

Sequence Course(s)
Cross-listed Course(s)

Academic Transfer (Baccalaureate) Please select one or more distribution areas below:
- Basic Skills/Communication
- Basic Skills/Quantitative Skills
- Humanities/Fine Arts/English
- Social Science
- Natural Science
- Lab Science
- Lifeime Fitness/Wellness/Activity

Activity
- Activity is a fully instructed course of study that primarily involves the student in an activity that develops a technique or skill. If selected, please explain in 25 words or less how this course meets the activity requirement as defined.

Diversity
- Diversity If course meets diversity requirements, please check box and submit CAR to the Instructional Diversity Committee (IDC) for review and approval.

Select one or more transfer degrees below, that this course will apply:
- (AA-DTA) Associate in Arts degree
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- (AM-DTA) Associate in Math Education
- (APRE-N-DTA/MRP) Associate in Pre-Nursing
- (AS-Option 1) Associate of Science Degree
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  - (AST-MRP1) Engineering: Mechanical/Civil/Aeronautical

1/7/2013
- Associate in Pre-Professional Degree

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Professional/Technical Degrees - Does this course apply towards a professional/technical degree?

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Related Instruction requirements - All professional and technical programs must include related instruction requirements for degrees/certificates over 45 credits. Select one or more from the list below:

- [ ] Written Communication  
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- [ ] Computation  
- [ ] Human Relations

If you chose Human Relations, you must choose a minimum of 80% (8 out of 10) of the US Dept of Labor Secretary’s Commission on Achieving Necessary Skills (SCANS) attributes listed below:

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- [ ] Demonstrates Self-worth  
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- [ ] Appreciates and works with diverse group

Campus-Wide Learning Outcomes (CWLO)

Critical Thinking

- [ ]

Responsibility

- Identify and comply with clearly stated expectations, policies, and procedures. Appropriately question or change stated expectations, policies, and procedures. Recognize and accept consequences resulting from a failure to comply with stated expectations, policies, and procedures. Meet obligations necessary to complete individual and group tasks. Clearly communicate to affected parties any difficulties that may prevent completion of obligations.

- [ ]

Quantitative Skills

- [ ]

Written Communication

- [ ]

Oral Communication

- [ ]

Evaluation (Grading System)

- [ ] Grades (Decimal)  
- [ ] Pass/Credit  
- [ ] Satisfactory  
- [ ] Competency-Based
Request for Change *(For example - #1 Change No of Credits from 5 to 7)*

1. Changed course descriptions.
2. Changed Course Content Learning Outcomes.
3. Changed contact hours from 33 lec/44 lab.
4. Changed long course title from Optimized Converged Networks.

**SIGNATURE APPROVALS**

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For Education Support Support Office USE only

| Institutional Intent Code: 21 | CIP Code: 11.0901 | Educational Program Code: 527 |

Reviewed/Processed by: Educational Support Services 

Add CAR Form - CAR Revision


1/7/2013
Course Adoption Revision
CANCELLED COURSE

The college is committed to assisting disabled and disadvantaged students with problems they may encounter at Green River. For information, registration assistance, accessibility, advocacy and liaison with faculty and staff contact the Disabled Student Services Coordinator (ext. 2831).

Date Submitted: 10/30/2012

Division: 2U - Technology

Effective: Qtr Summer Year: 2013-2014

Course Abbreviation: IT 273
Capacity: 18

Long Course Title: Building Multilayer Switched Networks
Number of Sections offered each quarter: Summer 1 Fall 1 Winter 1 Spring 1

<table>
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Indicate when variable credits apply: None

Advisory Committee Approval Date: 

Will this course require computers? If yes, select one or more from the following:
- Open Lab
- Classroom
- Library

Will this course require library to purchase more library and media resources:
- No
- Yes

Justification: (Specify if for printed materials, supplies, computer equipment, etc)

Computer Software, Computer Systems Replacement, and Networking Equipment.

Catalog Course Description

Focuses on the selection and implementation of the appropriate Cisco IOS services to build reliable, scalable, multilayer-switched LANs. Includes VLANs, Spanning Tree Protocol, wireless client access, minimizing service loss, and minimizing data theft in a campus network.

Prerequisite(s) if any:
IT 211.

Course Content Learning Outcomes

- Define VLANs to segment network traffic
- Explain Cisco hierarchy network model for campus networks
- Implement Spanning Tree Protocols and implement and verify Inter/ VLAN routing

Sequence Course(s):

Cross-listed Course(s):

Academic Transfer (Baccalaureate)

Please select one or more distribution areas below:

- Basic Skills/Communication
- Basic Skills/Quantitative Skills
- Humanities/Fine Arts/English
- Social Science
- Natural Science
- Lab Science
- Lifetime Fitness/Wellness/Activity

Select one or more transfer degrees below, that this course will apply:

- AA-DTA Associate in Arts degree
- AB-DTA Associate in Business
- DTA-MRP Associate in Elementary Education
- AFA-DTA Associate in Fine Arts
- AM-DTA Associate in Math Education
- APREN-DTA/APRN Associate in Pre-Nursing
- (AS-Option 1) Associate of Science Degree

Activity

Activity is a fully instructed course of study that primarily involves the student in an activity that develops a technique or skill. If selected, please explain in 25 words or less how this course meets the activity requirement as defined.

Diversity

If course meets diversity requirements, please check box and submit CAR to the Instructional Diversity Committee (IDC) for review and approval.

Regression


1/7/2013
### Professional/Technical Degrees - Does this course apply towards a professional/technical degree?

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### Campus-Wide Learning Outcomes (CWLO)

#### Critical Thinking

#### Responsibility

Identify and comply with clearly stated expectations, policies, and procedures.

Appropriately question or change stated expectations, policies, and procedures.

#### Quantitative Skills

#### Written Communication

#### Oral Communication

### Evaluation (Grading System)

- [x] Grades (Decimal)
- [ ] Pass/Credit
- [ ] Satisfactory
- [ ] Competency-Based
### Request for Change *(For example - #1 Change No of Credits from 5 to 7)*

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Reviewed/Processed by: Educational Support Services  

Date: 1/7/2013

### Course Adoption Revision

**CANCELLED COURSE**

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<tr>
<td>Effective:</td>
<td>Qtr Summer Year 2013-2014</td>
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**Course Abbreviation** IT 272  
**Capacity** 18  
**Tuition** Normal  
**Different Exempt**  
**Long Course Title** Securing Routers and Switches  
**Number of Sections offered each quarter:**  
- Summer 1  
- Fall 1  
- Winter 1  
- Spring 1

**Variable Credits**  
<table>
<thead>
<tr>
<th>Minimum</th>
<th>Maximum</th>
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</table>

**Number of Credits**  
- 5

**Discussion/Lecture**  
- 33

**Applied Learning (Lab)**  
- 44

**Clinical (On-Site)**  
- None

**Advisory Committee Approval Date**  
- Will this course require computers? If yes, select one or more from the following:  
  - [ ] Open Lab  
  - [ ] Classroom  
  - [ ] Library

**Catalog Course Description**  
Students learn how to secure network device access, administer effective security policies, and implement firewalls, intrusion detection systems and VPNs.

**Prerequisite(s) if any:**  
- IT 213 or instructor's permission.

**Course Content Learning Outcomes**  
1. Describe the security threats facing modern network instructors.  
2. Secure network device access.  
3. Implement AAA on network devices.

**Sequence Course(s)**  
-  
-  
-  
-  

**Cross-listed Course(s)**  
-  
-  
-  

**Academic Transfer (Baccalaureate)** Please select one or more distribution areas below:

- [ ] Basic Skills/Communication  
- [ ] Basic Skills/Quantitative Skills  
- [ ] Humanities/Fine Arts/English  
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- [ ] (APREN-DTA/MRP) Associate in Pre-Nursing  
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- [ ] (AS-T) Associate in Physics Education  
- [ ] (AST-MRP1) Engineering: Mechanical/Civil/Aeronautical
4. Associate in Pre-Professional Degree

5. Associate in Applied Science - Transfer

6. Academic Certificate (A-Cert)

**Professional/Technical Degrees - Does this course apply towards a professional/technical degree?**

1. (AAA) Associate in Applied Arts degree

2. (AAS) Associate in Applied Science degree

3. (CERT) Certificate

**Related Instruction requirements - All professional and technical programs must include related instruction requirements for degrees/certificates over 45 credits. Select one or more from the list below:**

- Written Communication
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- Computation
- Human Relations

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- Teaches/help others
- Exhibits leadership
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- Appreciates and works with diverse group

**Campus-Wide Learning Outcomes (CWLO)**

**Critical Thinking**
The student will be able to state the purpose of an assignment, identify pertinent concepts presented, analyze the implications of a concept, identify the point of view of the material, and prepare a conclusion of that assignment. This outcome is demonstrated by: 1) active and meaningful participation in discussions, 2) weekly written analysis, 3) weekly assignments.

**Responsibility**
Identify and comply with clearly stated expectations, policies, and procedures. Appropriately question or change stated expectations, policies, and procedures. Recognize and accept consequences resulting from a failure to comply with stated expectations, policies, and procedures. Meet obligations necessary to complete individual and group tasks. Clearly communicate to affected parties any difficulties that may prevent completion of assignments.

**Quantitative Skills**
The student will be able to apply quantitative concepts in order to address real-world computer related business applications and demonstrate appropriate uses of technology (computers and calculators) for interpreting data and for presenting results in their assignments. This outcome is demonstrated by: 1) using knowledge, skills and abilities to solve and/or complete problems given in class, 2) weekly written analysis, 3) weekly assignments.

**Written Communication**
Written Communication encompasses all the abilities necessary for effective expression of thoughts, feelings, and ideas in written form. This course will explore and evaluate the ability to use common tools of information research in writing, and to develop an idea with support. This outcome is demonstrated by writing weekly reports based on case studies from the courseware.

**Oral Communication**

**Evaluation (Grading System)**
- Grades (Decimal)
- Pass/Credit
- Satisfactory
- Competency-Based
Request for Change *(For example - #1 Change No of Credits from 5 to 7)*

1. Changed course title from Implementing Secured Converged WANs.
2. Changed course descriptions.
3. Changed Course Content Learning Outcomes.
4. Changed prerequisite from IT 212 or instructor's permission.

**SIGNATURE APPROVALS**

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**Institutional Intent Code:** 21  
**CIP Code:** 11.0901  
**Educational Program Code:** 527

Reviewed/Processed by: Educational Support Services  
Date: 
Course Adoption Revision

CANCELLED COURSE

The college is committed to assisting disabled and disadvantaged students with problems they may encounter at Green River. For information, registration assistance, accessibility, advocacy and liaison with faculty and staff contact the Disabled Student Services Coordinator (ext. 2831).

Date Submitted: 10/30/2012

Preliminary Approval Requested ☐

Effective: Qtr Summer Year 2013-2014

Executive Vice President Date

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Course Abbreviation IT 271

Capacity 18 Normal Different Exempt

Long Course Title Building Scalable Internetworks

Number of Sections offered each quarter: Spring

<table>
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Indicate when variable credits apply None

Advisory Committee Approval Date

Will this course require computers? If yes, select one or more from the following:
- Open Lab
- Classroom
- Library

Catalog Course Description

Students learn how to install, configure, monitor, and troubleshoot network infrastructure equipment. Topics include configuration of EIGRP, OSPF, IS-IS, and BGP routing protocols, and manipulation and optimization of routing updates between these protocols. Other topics include multicast routing, IPv6, and DHCP configuration.

Prerequisite(s) if any:
- IT 212 or instructor's permission.

Course Content Learning Outcomes

1. Explain routing in the enterprise network
2. Implement and verify multicast forwarding using PIM
3. Implement IPv6 in an enterprise network

Sequence Course(s)

Cross-listed Course(s)

Academic Transfer (Baccalaureate) Please select one or more distribution areas below:

- Basic Skills/Communication
- Basic Skills/Quantitative Skills
- Humanities/Fine Arts/English
- Social Science
- Natural Science
- Lab Science
- Lifetime Fitness/Wellness/Activity
- Activity
- Diversity

Activity is a fully instructed course of study that primarily involves the student in an activity that develops a technique or skill. If selected, please explain in 25 words or less how this course meets the activity requirement as defined.

Diversity

If course meets diversity requirements, please check box and submit CAR to the Instructional Diversity Committee (IDC) for review and approval.

Select one or more transfer degrees below, that this course will apply:

- Basic Skills/Communication
- Basic Skills/Quantitative Skills
- Humanities/Fine Arts/English
- Social Science
- Natural Science
- Lab Science
- Lifetime Fitness/Wellness/Activity
- Activity

Activity

- (AS-Option 2) Associate of Science Degree
  - Engineering, Engineering Technology, Computer Science, Physics, and Atmospheric Sciences
  - (AS-T) Associate in Biology Education
  - (AS-T) Associate in Chemistry Education
  - (AS-T) Associate in General Science
  - (AS-T) Associate in Physics Education
  - (AST-MRP) Associate in Mechanical/Civil/Aeronautical

Diversity

- (AS-Option 1) Associate of Science Degree
- (AA-DTA) Associate in Arts degree
- (AB-DTA) Associate in Business
- (DTA-MRP) Associate in Elementary Education
- (AFA-DTA) Associate in Fine Arts
- (AM-DTA) Associate in Math Education
- (APRENT-DMRP) Associate in Pre-Nursing


1/7/2013
### Associated in Pre-Professional Degree

<table>
<thead>
<tr>
<th>(APP) Associate in Pre-Professional Degree</th>
<th>Associate in Applied Science - Transfer</th>
<th>Academic Certificate (A-Cert)</th>
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<tbody>
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### Professional/Technical Degrees - Does this course apply towards a professional/technical degree?

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### Related Instruction requirements - All professional and technical programs must include related instruction requirements for degrees/certificates over 45 credits. Select one or more from the list below:

- [ ] Written Communication
- [ ] Oral Communication
- [ ] Computation
- [ ] Human Relations

If you chose Human Relations, you must choose a minimum of 80% (8 out of 10) of the US Dept of Labor Secretary’s Commission on Achieving Necessary Skills (SCANS) attributes listed below:

- [ ] Demonstrates Responsibility
- [ ] Demonstrates Self-worth
- [ ] Demonstrates sociability in groups
- [ ] Demonstrates self-management
- [ ] Demonstrates integrity/honesty
- [ ] Participates as a team member
- [ ] Teaches/help others
- [ ] Exhibits leadership
- [ ] Negotiates Agreements
- [ ] Appreciates and works with diverse group

### Campus-Wide Learning Outcomes (CWLO)

**Critical Thinking**

- [ ]

**Responsibility**

Identify and comply with clearly stated expectations, policies, and procedures.

- [ ]

Appropriately question or change stated expectations, policies, and procedures.

- [ ]

**Quantitative Skills**

- [ ]

**Written Communication**

- [ ]

**Oral Communication**

- [ ]

**Evaluation (Grading System)**

- [ ] Grades (Decimal)
- [ ] Pass/Credit
- [ ] Satisfactory
- [ ] Competency-Based

---

### Request for Change

*(For example - #1 Change No of Credits from 5 to 7)*

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<thead>
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For Education Support Support Office USE only

<table>
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<tr>
<th>Institutional Intent Code:</th>
<th>CIP Code:</th>
<th>Educational Program Code:</th>
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Reviewed/Processed by: Educational Support Services Date
**Course Adoption Revision**

**CANCELLED COURSE**

The college is committed to assisting disabled and disadvantaged students with problems they may encounter at Green River. For information, registration assistance, accessibility, advocacy and liaison with faculty and staff contact the Disabled Student Services Coordinator (ext. 2633).

---

**Date Submitted:** 10/30/2012

**Division** 2U - Technology

**Effective:** Qtr Summer Year 2013-2014

**Course Abbreviation:** IT 265

**Long Course Title:** Structured Query Language (SQL)

**Number of Sections offered each quarter:**
- **Summer:** 1
- **Fall:** 1
- **Winter:** 1
- **Spring:** 1

**Capacity:** 24

**Tuition:** Normal

**Diversity:** Different

**Exempt:**

**Short Course Title:** SQL

---

**Variable Credits**

<table>
<thead>
<tr>
<th>Credits</th>
<th>Minimum</th>
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<tbody>
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</tr>
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<td>55.0</td>
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<tr>
<td>Applied Learning(Lab)</td>
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<td></td>
</tr>
<tr>
<td>Clinical (On-Site)</td>
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</table>

**Advisory Committee Approval Date:**

**Will this course require computers? If yes, select one or more from the following:**
- Open Lab
- Classroom
- Library

**Will this course require library to purchase more library and media resources?**
- No
- Yes

**Justification:**
- Specify if for printed materials, supplies, computer equipment, etc
- Computer software and computer systems replacements.

**Catalog Course Description:**

Provides the hands-on experience in creating a database using the Structured Query Language (SQL), which is the standard de-facto database language used in mid and large-sized corporations. Students demonstrate the ability to derive physical database design, develop logical data models, manage and maintain databases, provide database security, and use integrity constraints to control data

**Prerequisite(s):**

IT 201; and IT 235 or concurrent enrollment.

**Course Content Learning Outcomes:**

By the end of the quarter the student will be able to:
1. Rationalize and differentiate the concepts of database and database management systems.
2. Explain the concepts and terminology with relational databases.

**Sequence Course(s)**

**Cross-listed Course(s)**

---

**Academic Transfer (Baccalaureate):** Please select one or more distribution areas below:

- [ ] Basic Skills/Communication
- [ ] Basic Skills/Quantitative Skills
- [ ] Humanities/Fine Arts/English
- [ ] Social Science
- [ ] Natural Science
- [ ] Lab Science
- [ ] Lifetime Fitness/Wellness/Activity

Select one or more transfer degrees below, that this course will apply:

- [ ] (AA-DTA) Associate in Arts degree
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---

**Preliminary Approval Requested:**

**Executive Vice President**

---

**APREN-DTA/MRP** Associate in Pre-Nursing

---

**IT 201; and IT 235 or concurrent enrollment.**

---

**Instructional Diversity Committee (IDC)**

---

**Diversity**

If course meets diversity requirements, please check box and submit CAR to the Instructional Diversity Committee (IDC) for review and approval.

---

**Add CAR Form - CAR Revision**

[Link to Original Document]

---

1/7/2013
### Necessary Skills (SCANS) attributes listed below:

<table>
<thead>
<tr>
<th>Biology, Environmental Science, Chemistry, Geology, and Earth Science</th>
<th>(DTA-MRP2) Engineering: Biological/Chemical</th>
<th>(DTA-MRP3) Engineering: Computer or Electrical</th>
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- Teaches/help others
- Exhibits leadership
- Negotiates Agreements
- Appreciates and works with diverse group

### Campus-Wide Learning Outcomes (CWLO)

#### Critical Thinking

Critical Thinking is an overarching ability, which finds expression in all disciplines as well as in every situation in life where a person is trying to figure something out. In its most general form, critical, thinking consists of disciplined, self-directed thinking which enables students to identify and solve problems, to evaluate arguments and sources of information, and to assess their own thinking—all with respect to explicit standards.

#### Responsibility

Responsibility encompasses those behaviors and disposition necessary for students to be effective members of a community. This outcome is designed to help students understand the importance of, and develop a commitment to those responsibilities, which will enable them to work successfully on their own and with others.

#### Quantitative Skills

Quantitative and Symbolic Thinking encompasses abilities necessary for a student to become literate in today's technological world. Quantitative thinking begins with basic skills and extends to problem solving. The student will be able to apply quantitative concepts in order to address real-world computer related business applications and demonstrate appropriate uses of technology (computers and calculators) for.

### Evaluation (Grading System)

- Grades (Decimal)
- Pass/Credit
- Satisfactory
- Competency-Based
Request for Change *(For example - #1 Change No of Credits from 5 to 7)*

**SIGNATURE APPROVALS**

**Initiator:** Gus Gomez  
(Date):

**Division Chair:** Jeff McCauley  
(Date):

**Dean of Instruction:** Rebecca Rhodes  
(Date):

**Faculty Course Review Committee (FCRC):**  
(Date):

**Instruction Council (IC):**  
(Date):

**Executive Vice President (EVP):**  
(Date):

For Education Support Support Office USE only

**Institutional Intent Code:**  
21-Voc Prep

**CIP Code:** 11.0802

**Educational Program Code:**  
503, 194

Reviewed/Processed by: Educational Support Services  
(Date)
Course Adoption Revision

CANCELLED COURSE

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---

**Course Data**

- **Date Submitted:** 10/30/2012
- **Division:** 2U - Technology
- **Effective Qtr:** Summer
- **Year:** 2013-2014
- **Course Abbreviation:** IT 263
- **Capacity:** 24
- **Tuition:** Normal
- **Different:** Normal
- **Exempt:** Normal
- **Long Course Title:** XML Fundamentals
- **Short Course Title:**
- **Number of Sections offered each quarter:**
  - Summer
  - Fall
  - Winter
  - Spring

<table>
<thead>
<tr>
<th>Variable Credits</th>
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<th>Maximum</th>
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<td>30.00</td>
<td>1Y00</td>
<td>AK</td>
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</table>

**Justification:** (Specify if for printed materials, computer equipment, etc)

- Computer software and computer system replacement

**Catalog Course Description**

Covers XML and related technologies. Presents the fundamentals of eXtensible Markup Language (XML) including supporting languages XSL/T, XSD, and WSDL. Introduces additional concepts including XPath, XQuery, Web services, SOAP, and Parsers.

**Prerequisite(s) if any:**

- IT 205 or C SCI/G E 144; or C SCI/G E 142 or concurrent enrollment.

**Course Content Learning Outcomes**

By the end of the quarter the student will be able to:

1. Explain the basic principles for using XML within computing environments.
2. Create simple XML, XSL, and XSD documents.

**Sequence Course(s)**

**Cross-listed Course(s)**

**Academic Transfer (Baccalaureate)**

- Basic Skills/Communication
- Basic Skills/Quantitative Skills
- Humanities/Fine Arts/English
- Social Science
- Natural Science
- Lab Science
- Lifetime Fitness/Wellness/Activity

Select one or more transfer degrees below, that this course will apply.

- **Acting Degree**
  - Associate in Arts degree
  - Associate in Business
  - Associate in Elementary Education
  - Associate in Fine Arts
  - Associate in Math Education
  - Associate in Pre-Nursing
  - Associate of Science Degree

- **(AS-Option 2) Associate of Science Degree**
  - Engineering, Engineering Technology, Computer Science, Physics, and Atmospheric Sciences
  - Associate in Biology Education
  - Associate in Chemistry Education
  - Associate in General Science
  - Associate in Physics Education
  - Engineering: Mechanical/Civil/Aeronautical

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1/7/2013
- Biology, Environmental Science, Chemistry, Geology, and Earth Science

1. (APP) Associate in Pre-Professional Degree

2. Associate in Applied Science - Transfer

3. Academic Certificate (A-Cert)

Related Instruction requirements - All professional and technical programs must include related instruction requirements for degrees/certificates over 45 credits. Select one or more from the list below:

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- Human Relations

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Campus-Wide Learning Outcomes (CWLO)

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Responsibility

Quantitative Skills

Written Communication

Oral Communication

Evaluation (Grading System)

- Grades (Decimal)
- Pass/Credit
- Satisfactory
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*For Education Support Support Office USE only*

| Institutional Intent Code: 21-Voc Prep |
| CIP Code: 11.1004 |
| Educational Program Code: |

Reviewed/Processed by: Educational Support Services Date
Course Adoption Revision
CANCELLED COURSE

Date Submitted: 10/30/2012

Division 2U - Technology

Effective: Qtr Summer, Year 2013-2014

Course Abbreviation IT 255
Capacity 24
Tuition Normal

Long Course Title Patch Management
Number of Sections offered each quarter: Summer 1 Fall 1 Winter 0 Spring 0

Variable Credits

<table>
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<th>Minimum</th>
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Discussion/Lecture 55.0

Applied Learning(Lab)

Clinical (On-Site)

Indicate when variable credits apply None

Advisory Committee Approval Date 4/5/2005

Will this course require computers? If yes, select one or more from the following: ☑ Open Lab ☑ Classroom ☑ Library

Justification: (Specify if for printed materials, supplies, computer equipment, etc)

Computer software and system replacement.

Catalog Course Description

Focuses on deploying critical operating system updates such as software patches, service packs, and Quick Fix Engineering (QFE) fixes using Systems Management Server (SMS), and Microsoft Windows Update Services (WUS).

Prerequisite(s) if any:

IT 245, or Instructor's permission

Course Content Learning Outcomes

At the end of this course the student will be able to: 1) Explain the purpose of Microsoft Systems Management Server (SMS), 2) Install SMS, 3) Configure SMS inventory functions to determine how many computers have been deployed, their locations, their roles, and the software applications and patches that have been installed. 4) Use scheduling functions that allow an organization to schedule

Sequence Course(s)

Cross-listed Course(s)

Academic Transfer (Baccalaureate) Please select one or more distribution areas below:

☐ Basic Skills/Communication
☐ Basic Skills/Quantitative Skills
☐ Humanities/Fine Arts/English
☐ Social Science
☐ Natural Science
☐ Lab Science
☐ Lifetime Fitness/Wellness/Activity

☐ Activity
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☐ (APREND-MRP) Associate in Pre-Nursing
☐ (AS-Option 1) Associate of Science Degree

(AS-Option 2) Associate of Science Degree
- Engineering, Engineering Technology, Computer Science, Physics, and Atmospheric Sciences
- (AS-T) Associate in Biology Education
- (AS-T) Associate in Chemistry Education
- (AS-T) Associate in General Science
- (AS-T) Associate in Physics Education
- (AST-MRP) 1) Engineering: Mechanical/Civil/Aeronautical


1/7/2013
### Professional/Technical Degrees - Does this course apply towards a professional/technical degree?

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- [ ] Participates as a team member
- [ ] Teaches/help others
- [ ] Exhibits leadership
- [ ] Negotiates Agreements
- [ ] Appreciates and works with diverse group

### Campus-Wide Learning Outcomes (CWLO)

#### Critical Thinking

Critical thinking finds expression in all disciplines and everyday life. It is characterized by an ability to reflect upon thinking patterns, including the role of emotions on thoughts, and to rigorously assess the quality of thought through its work products. Critical thinkers routinely evaluate thinking processes and alter them, as necessary, to facilitate an improvement in their thinking and potentially foster certain dispositions or actions.

#### Responsibility

Responsibility encompasses those behaviors and dispositions necessary for students to be effective members of a community. This outcome is designed to help students recognize the value of a commitment to those responsibilities which will enable them to work successfully individually and with others. The student will meet the above competency by: (1) Identifying and complying with clearly stated expectations, policies, and procedures; (2) Demonstrating and exerting responsibility without falling to comply with stated expectations or policies.

#### Quantitative Skills

- [ ] Written Communication
- [ ] Oral Communication

### Evaluation (Grading System)

- [X] Grades (Decimal)
- [ ] Pass/Credit
- [ ] Satisfactory
- [ ] Competency-Based
Request for Change *(For example - #1 Change No of Credits from 5 to 7)*

SIGNATURE APPROVALS

Initiator: Alan Carter   (Date):  

Division Chair: Jeff McCauley   (Date):  

Dean of Instruction: Rebecca Rhodes   (Date):  

For Education Support Support Office USE only

Institutional Intent Code: 21-Voc Prep
CIP Code: 11.0901
Educational Program Code: 527

Reviewed/Processed by: Educational Support Services   Date
**Course Adoption Revision**

**CANCELLED COURSE**

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---

**Date Submitted:** 10/30/2012  
**Division:** 2U - Technology  
**Effective: Qtr:** Summer  
**Year:** 2013-2014

---

**Course Abbreviation:** IT 246  
**Capacity:** 24  
**Tuition:** Normal  
**Exempt:**

**Long Course Title:** Designing Directory Services Infrastructure  
**Short Course Title:** Design Direc Svcs Infra

**Number of Sections offered each quarter:**  
- Summer: 0  
- Fall: 0  
- Winter: 0  
- Spring: 1

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**Variable Credits**

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<tr>
<td>Clinical (On-Site)</td>
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</tbody>
</table>

**Advisory Committee Approval Date:**

Will this course require computers? If yes, select one or more from the following:  
- Open Lab  
- Classroom  
- Library

**Will this course require library to purchase more library and media resources?**  
- No  
- Yes

---

**Catalog Course Description**

Provides students with the knowledge and skills necessary to design a directory services infrastructure in an enterprise network. Presents strategies to assist the student in identifying the information technology needs of an organization, and then designing a directory services infrastructure that meets those needs.

**Prerequisite(s) if any:**  
IT 160 and 245; or instructor’s permission

---

**Course Content Learning Outcomes**

By the end of the quarter, the student will be able to:  
1. Describe guidelines for gathering business and administrative information from an organization, and explain how an architect uses that information to design an Active Directory structure for an enterprise.

**Sequence Course(s):**

**Cross-listed Course(s):**

---

**Academic Transfer (Baccalaureate)**

Please select one or more distribution areas below:

- Basic Skills/Communication  
- Basic Skills/Quantitative Skills  
- Humanities/Fine Arts/English  
- Social Science  
- Natural Science  
- Lab Science  
- Lifetime Fitness/Wellness/Activity  
- Activity  
- Diversity

If course meets diversity requirements, please check box and submit CAR to the Instructional Diversity Committee (IDC) for review and approval.

---

**Select one or more transfer degrees below, that this course will apply:**

- (AA-DTA) Associate in Arts degree  
- (AB-DTA) Associate in Business  
- (DTA-MRP) Associate in Elementary Education  
- (AFA-DTA) Associate in Fine Arts  
- (AM-DTA) Associate in Math Education  
- (APREN-DTA/MRP) Associate in Pre-Nursing  
- (AS-Option 1) Associate of Science Degree  
- (AS-Option 2) Associate of Science Degree  
- (ENGR-B) Associate in Engineering Technology, Computer Science, Physics, and Atmospheric Sciences  
- (AS-T) Associate in Biology Education  
- (AS-T) Associate in Chemistry Education  
- (AS-T) Associate in General Science  
- (AS-T) Associate in Physics Education  
- (AST-MRP1) Engineering: Mechanical/Civil/Aeronautical

---

https://www.gatornet.greenriver.edu/car/cancel-car.aspx?crs=IT 246
- **Biology, Environmental Science, Chemistry, Geology, and Earth Science**

<table>
<thead>
<tr>
<th>(APP) Associate in Pre-Professional Degree</th>
<th>Associate in Applied Science - Transfer</th>
<th>Academic Certificate (A-Cert)</th>
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<tr>
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**Related Instruction requirements** - All professional and technical programs must include related instruction requirements for degrees/certificates over 45 credits. Select one or more from the list below:

- Written Communication
- Oral Communication
- Computation
- Human Relations

If you chose Human Relations, you must choose a minimum of 80% (8 out of 10) of the US Dept of Labor Secretary's Commission on Achieving Necessary Skills (SCANS) attributes listed below:

- Demonstrates Responsibility
- Demonstrates Self-worth
- Demonstrates sociability in groups
- Demonstrates self-management
- Demonstrates integrity/honesty
- Participates as a team member
- Teaches/help others
- Exhibits leadership
- Negotiates Agreements
- Appreciates and works with diverse group

**Campus-Wide Learning Outcomes (CWLO)**

**Critical Thinking**
The student will be able to state the purpose of an assignment, identify pertinent concepts presented, analyze the implications of a concept, identify the point of view of the material, and prepare a conclusion of that assignment. This outcome is demonstrated by:

- 1. Active and meaningful participation in lectures/discussions.

**Responsibility**
This outcome is demonstrated by:

- 1. Being prepared for class.
- 2. Active and meaningful participation in lectures/discussions.

**Quantitative Skills**
The student will be able to apply quantitative concept in order to address real-world computer related business applications and demonstrate appropriate uses of technology (computers and calculators) for interpreting data and for presenting results in their assignments. This outcome is demonstrated by:

**Written Communication**
The student will be able to use standard English in completing assignments and to proofread and revise their own writings with a clear sense of purpose, unity, and focus. This outcome is demonstrated by:

- 1. Weekly written analysis.

**Oral Communication**

**Evaluation (Grading System)**

- Grades (Decimal)
- Pass/Credit
- Satisfactory
- Competency-Based
Request for Change *(For example - #1 Change No of Credits from 5 to 7)*

**SIGNATURE APPROVALS**

Initiator: Alan Carter  
(Date):

Division Chair: Jeff McCauley  
(Date):

Dean of Instruction: Rebecca Rhodes  
(Date):

Faculty Course Review Committee (FCRC):  
(Date):

Instruction Council (IC):  
(Date):

Executive Vice President (EVP):  
(Date):

Institutional Intent Code:  
21-Voc Prep

CIP Code: 11.0901

Educational Program Code:

Reviewed/Processed by: Educational Support Services  
(Date)
### Course Adoption Revision

**CANCELLED COURSE**

The college is committed to assisting disabled and disadvantaged students with problems they may encounter at Green River. For information, registration assistance, accessibility, advocacy and liaison with faculty and staff contact the Disabled Student Services Coordinator (ext. 2831).

**Date Submitted:** 10/30/2012  
**Division:** UO - Technology  
**Effective: Qtr** Summer  
**Year** 2013-2014  
**Effective: Year**  

| Course Abbreviation | IT 235  
| Number of Sections offered each quarter: | Summer 1 Fall 1 Winter 1 Spring 1  
| Number of Credits | Minimum | Maximum | Coop Fee Amount | Budget# | Fee Code | Justification: (Specify if for printed materials, supplies, computer equipment, etc) |  
| Discussion/Lecture | 55.0 | | 1 20.00 | 1Y14 | 02 | Computer software and computer systems replacement. |  
| Applied Learning(Lab) | | | 2 30.00 | 1Y00 | AK |  |  
| Clinical (On-Site) | | | | | |  |  
| Advisory Committee Approval Date | Will this course require computers? If yes, select one or more from the following: | Will this course require library to purchase more library and media resources |  
| Catalog Course Description | Open Lab | Classroom | Library | No | Yes |  |  

Introduces database management. Covers database principles, data modeling, normalization process, data manipulation (QBE and SQL), and issues related to data integrity.

**Prerequisite(s) if any:**  
IT 201.

**Course Content Learning Outcomes**  
By the end of the quarter, the student will be able to:  
1. Discuss purpose of a database  
2. Discuss the role of a database in business today  
3. Discuss the role of a database in business today  

**Sequence Course(s)**  
**Cross-listed Course(s)**

**Academic Transfer (Baccalaureate)** Please select one or more distribution areas below:

- Basic Skills/Communication  
- Basic Skills/Quantitative Skills  
- Humanities/Fine Arts/English  
- Social Science  
- Natural Science  
- Lab Science  
- Lifetime Fitness/Wellness/Activity  

Select one or more transfer degrees below, that this course will apply:

- (AA-DTA) Associate in Arts degree  
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- (AS-T) Associate in General Science  
- (AS-T) Associate in Physics Education  
- (AST-MRP) Engineering: Mechanical/Civil/Aeronautical  

---


1/7/2013
# Associate in Pre-Professional Degree

<table>
<thead>
<tr>
<th>Necessary Skills (SCANS) attributes listed below:</th>
</tr>
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<tbody>
<tr>
<td>- Biology, Environmental Science, Chemistry, Geology, and Earth Science</td>
</tr>
<tr>
<td>- (DTA-MRP2) Engineering: Biological/Chemical</td>
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<tr>
<td>- (DTA-MRP3) Engineering: Computer or Electrica</td>
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## Professional/Technical Degrees - Does this course apply towards a professional/technical degree?

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## Related Instruction requirements - All professional and technical programs must include related instruction requirements for degrees/certificates over 45 credits. Select one or more from the list below:

- Written Communication
- Oral Communication
- Computation
- Human Relations

If you chose Human Relations, you must choose a minimum of 80% (8 out of 10) of the US Dept of Labor Secretary’s Commission on Achieving Necessary Skills (SCANS) attributes listed below:

- Demonstrates Responsibility
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- Demonstrates integrity/honesty

- Participates as a team member
- Teaches/help others
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- Negotiates Agreements
- Appreciates and works with diverse group

## Campus-Wide Learning Outcomes (CWLO)

### Critical Thinking

The student will be able to state the purpose of an assignment, identify pertinent concepts presented, analyze the implications of a concept, identify the point of view of the material, and prepare a conclusion of that assignment. This outcome is demonstrated by:
1. active and meaningful participation in discussions,

### Responsibility

This outcome is demonstrated by:
1. being prepared for class,
2. active and meaningful participation in lecture/discussions,
3. turning in assignments on time and correct format. Attitude and behavior in class will be reflected in the overall class grade.

### Quantitative Skills

The student will be able to apply quantitative concepts in order to address real-world computer related business applications and demonstrate appropriate uses of technology (computers and calculators) for interpreting data and for presenting results in their assignments. This outcome is demonstrated by:

### Written Communication

The student will be able to use standard English in assignments and proofread and revise their own writings with a clear sense of purpose, unity, and focus. This outcome is demonstrated by:
1. weekly written analysis,

### Oral Communication

### Evaluation (Grading System)

- Grades (Decimal)
- Pass/Credit
- Satisfactory
- Competency-Based
Request for Change *(For example - #1 Change No of Credits from 5 to 7)*

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For Education Support Support Office USE only

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<td>21-Voc Prep</td>
<td>11.0802</td>
<td>503</td>
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Reviewed/Processed by: Educational Support Services **Date**
**Course Adoption Revision**

**CANCELLED COURSE**

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---

**Date Submitted:** 10/30/2012

**Division**

2U - Technology

**Effective:** Qtr  Summer  Year 2013-2014

**Course Abbreviation**

IT 230

**Capacity**

24

**Tuition**

Normal

**Long Course Title**

User Support

**Number of Sections offered each quarter:**

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<th>Season</th>
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**Variable Credits**

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<tr>
<th>Indicate when variable credits apply</th>
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**Advisory Committee Approval Date**

4/5/2005

<table>
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<tr>
<th>Will this course require computers? If yes, select one or more from the following:</th>
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<td>☐ Open Lab</td>
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**Course Content Learning Outcomes**

1. Discuss the purpose of user support
2. Identify types of users
3. Describe the wave of supporting users

**Sequence Course(s)**

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**Cross-listed Course(s)**

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**Catalog Course Description**

Introduces the basics of delivering computer user support within an organization. Topics include identifying users and their needs, providing support with help desks and training, and supporting their technical needs with installations and troubleshooting.

**Prerequisite(s) if any:**

IT 115 and 140; or instructor's permission.

**Course Content Learning Outcomes**

1. Discuss the purpose of user support
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3. Describe the wave of supporting users

**Academic Transfer (Baccalaureate)**

Select one or more transfer degrees below:

- Basic Skills/Communication
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- Social Science
- Natural Science
- Lab Science
- Lifetime Fitness/Wellness/Activity

Select one or more transfer degrees below, that this course will apply:

- **Activity**
  Activity is a fully instructed course of study that primarily involves the student in an activity that develops a technique or skill. If selected, please explain in 25 words or less how this course meets the activity requirement as defined.

- **Diversity**
  If course meets diversity requirements, please check box and submit CAR to the Instructional Diversity Committee (IDC) for review and approval.

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1/7/2013
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**Oral Communication**

**Evaluation (Grading System)**

- Grades (Decimal)
- Pass/Credit
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## Request for Change
*(For example - #1 Change No of Credits from 5 to 7)*

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<td>11.9901</td>
<td>506, 509, 527</td>
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Reviewed/Processed by: Educational Support Services  Date
## Course Adoption Revision

### CANCELLED COURSE

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---

### Course Details

- **Date Submitted:** 10/30/2012
- **Division:** 2U - Technology
- **Effective Qtr:** Summer
- **Effective Year:** 2013-2014

### Course Abbreviation

**IT 225**

- **Capacity:** 24
- **Tuition:** Normal
- **Exempt:** No

### Long Course Title

Shell Scripting for Windows

### Number of Sections offered each quarter:

<table>
<thead>
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<tbody>
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Indicate when variable credits apply:

- None

### Advisory Committee Approval Date

4/5/2005

---

### Catalog Course Description

Introduces shell scripting for the Windows operating system and Windows Script Host through the use of the VB scripting language. Students learn to write, test, and execute basic administrative scripts for the Windows operating system.

### Prerequisite(s) if any:

IT 160 or instructor's permission.

### Course Content Learning Outcomes

By the end of the quarter the student will be able to:

1. Describe Windows Script Host and how it works.
2. Annlyse sequential decision and repetition structures to script nonrecurring

### Sequence Course(s)

- [ ]
- [ ]
- [ ]

### Cross-listed Course(s)

- [ ]
- [ ]
- [ ]

### Academic Transfer (Baccalaureate)

Please select one or more distribution areas below:

- [ ] Basic Skills/Communication
- [ ] Basic Skills/Quantitative Skills
- [ ] Humanities/Fine Arts/English
- [ ] Social Science
- [ ] Natural Science
- [ ] Lab Science
- [ ] Life Sciences/Biology/Chemistry
- [ ] Activity

Activity is a fully instructed course of study that primarily involves the student in an activity that develops a technique or skill. If selected, please explain in 25 words or less how this course meets the activity requirement as defined.

- [ ] Diversity

If course meets diversity requirements, please check box and submit CAR to the Instructional Diversity Committee (IDC) for review and approval.

### Activity

- [ ] Basic Skills/Communication
- [ ] Basic Skills/Quantitative Skills
- [ ] Humanities/Fine Arts/English
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- [ ] (AS-Option 2) Associate of Science Degree
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  - (AS-T) Associate in General Science
  - (AS-T) Associate in Physics Education
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- [ ] (AS-Option 1) Associate of Science Degree

---


1/7/2013
### Professional/Technical Degrees - Does this course apply towards a professional/technical degree?

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<thead>
<tr>
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- Written Communication
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- Computation
- Human Relations

If you chose Human Relations, you must choose a minimum of 80% (8 out of 10) of the US Dept of Labor Secretary’s Commission on Achieving Necessary Skills (SCANS) attributes listed below:

- Demonstrates Responsibility
- Demonstrates Self-worth
- Demonstrates sociability in groups
- Demonstrates self-management
- Demonstrates integrity/honesty
- Participates as a team member
- Teaches/help others
- Exhibits leadership
- Negotiates Agreements
- Appreciates and works with diverse group

### Campus-Wide Learning Outcomes (CWLO)

#### Critical Thinking

Critical Thinking is an overarching ability, which finds expression in all disciplines as well as in every situation in life where a person is trying to figure something out. In its most general form, critical, thinking consists of disciplined, self-directed thinking which enables students to identify and solve problems, to evaluate arguments and sources of information, and to assess their own thinking—all with respect to explicit standards.

#### Responsibility

- [ ]
- [ ]

#### Quantitative Skills

- [ ]
- [ ]

#### Written Communication

- [ ]
- [ ]

#### Oral Communication

- [ ]
- [ ]

#### Evaluation (Grading System)

- [ ] Grades (Decimal)
- [ ] Pass/Credit
- [ ] Satisfactory
- [ ] Competency-Based
### Request for Change *(For example - #1 Change No of Credits from 5 to 7)*

#### SIGNATURE APPROVALS

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For Education Support Support Office USE only

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<td>Educational Program Code:</td>
<td>506, 527</td>
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Reviewed/Processed by: Educational Support Services Date
**Course Adoption Revision**

**CANCELLED COURSE**

The college is committed to assisting disabled and disadvantaged students with problems they may encounter at Green River. For information, registration assistance, accessibility, advocacy and liaison with faculty and staff contact the Disabled Student Services Coordinator (ext. 2831).

**Date Submitted:** 10/30/2012

**Division** 2U - Technology

**Effective:** Qtr: Summer, Year: 2013-2014

**Course Abbreviation:** IT 295

**Capacity:** 24

**Tuition:** Normal

<table>
<thead>
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<th>Long Course Title</th>
<th>Information Technology Project Management</th>
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**Variable Credits**

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**Advisory Committee Approval Date:** 4/5/2005

**Will this course require computers?** If yes, select one or more from the following:

- [ ] Open Lab
- [ ] Classroom
- [ ] Library

**Will this course require library to purchase more library and media resources?**

- [ ] No
- [x] Yes

**Justification:** (Specify if for printed materials, supplies, computer equipment, etc)

- computer replacement and supplies

**Catalog Course Description**

Examines the knowledge and skills to successfully plan, estimate, facilitate and successfully complete information technology projects. Students learn to use project management software to estimate costs, manage project schedules, and assign resources to project tasks.

**Prerequisite(s) if any:**

IT 102, 160, 190, 0 SCI/G E 142 or 144.

**Course Content Learning Outcomes**

At the end of this course the student will be able to:

- Define the project scope.
- Estimate costs and return on investment

**Sequence Course(s)**

**Cross-listed Course(s)**

**Academic Transfer (Baccalaureate)** Please select one or more distribution areas below:

- [ ] Basic Skills/Communication
- [ ] Basic Skills/Quantitative Skills
- [ ] Humanities/Fine Arts/English
- [ ] Social Science
- [ ] Natural Science
- [ ] Lab Science
- [ ] Lifeline Fitness/Wellness/Activity

Select one or more transfer degrees below, that this course will apply:

- [ ] (AA-DTA) Associate in Arts degree
- [ ] (AB-DTA) Associate in Business
- [ ] (DTA-MRP) Associate in Elementary Education
- [ ] (AFA-DTA) Associate in Fine Arts
- [ ] (AM-DTA) Associate in Math Education
- [ ] (APREN-DTA/MRP) Associate in Pre-Nursing
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**Activity**

Activity is a fully instructed course of study that primarily involves the student in an activity that develops a technique or skill. If selected, please explain in 25 words or less how this course meets the activity requirement as defined.

**Diversity**

If course meets diversity requirements, please check box and submit CAR to the Instructional Diversity Committee (IDC) for review and approval.

https://www.gatornet.greenriver.edu/car/cancel-car.aspx?crs=IT%20295

1/7/2013
| Professional/Technical Degrees - Does this course apply towards a professional/technical degree? |
|---|---|---|
| 1. | 2. | 3. |
| 4. | 5. | 6. |

**Related Instruction requirements** - All professional and technical programs must include related instruction requirements for degrees/certificates over 45 credits. Select one or more from the list below:

- Written Communication
- Oral Communication
- Computation
- Human Relations

If you chose Human Relations, you must choose a minimum of 80% (8 out of 10) of the US Dept of Labor Secretary’s Commission on Achieving Necessary Skills (SCANS) attributes listed below:

- Demonstrates Responsibility
- Demonstrates Self-worth
- Demonstrates sociability in groups
- Demonstrates self-management
- Demonstrates integrity/honesty
- Participates as a team member
- Teaches/help others
- Exhibits leadership
- Negotiates Agreements
- Appreciates and works with diverse group

**Campus-Wide Learning Outcomes (CWLO)**

**Critical Thinking**

Critical thinking finds expression in all disciplines and everyday life. It is characterized by an ability to reflect upon thinking patterns, including the role of emotions on thoughts, and to rigorously assess the quality of thought through its work products. Critical thinkers routinely evaluate thinking processes and alter them, as necessary, to facilitate an improvement in their thinking and potentially foster certain dispositions or skills.

**Responsibility**

Responsibility encompasses those behaviors and dispositions necessary for students to be effective members of a community. This outcome is designed to help students recognize the value of a commitment to those responsibilities which will enable them to work successfully individually and with others.

**Quantitative Skills**

**Written Communication**

**Oral Communication**

**Evaluation (Grading System)**

- Grades (Decimal)
- Pass/Credit
- Satisfactory
- Competency-Based
**Request for Change** *(For example - #1 Change No of Credits from 5 to 7)*

**SIGNATURE APPROVALS**

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**Institutional Intent Code:**
- 21-Voc Prep

**CIP Code:**
- 11.1002

**Educational Program Code:**
- 527

**Reviewed/Processed by:**
- Educational Support Services

Date
Date Submitted: 10/30/2012

Preliminary Approval Requested [ ]

Executive Vice President: __________________________ Date: __________

**Course Adoption Revision**

**CANCELLED COURSE**

The college is committed to assisting disabled and disadvantaged students with problems they may encounter at Green River. For information, registration assistance, accessibility, advocacy and liaison with faculty and staff contact the Disabled Student Services Coordinator (ext. 2631).

---

**Division**: 2U - Technology

**Effective Qtr**: Summer 2013-2014

---

**Course Abbreviation**: IT 291

**Capacity**: 18

**Long Course Title**: Troubleshooting Networks

**Number of Sections offered each quarter**:
- Summer: 0
- Fall: 0
- Winter: 0
- Spring: 1

---

**Variable Credits**

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</table>

**Justification**: (Specify if for printed materials, supplies, computer equipment, etc)

- Computer software, systems replacement, and networking equipment

---

**Catalog Course Description**

Covers in-depth networking theory, operations, and troubleshooting techniques.

---

**Prerequisite(s) if any:**

- IT 210 or IT 213, or instructor's permission

---

**Course Content Learning Outcomes**

Describe the OSI model in detail.

Troubleshoot copper and fiber optic cabling.

Troubleshoot Ethernet networking

---

**Sequence Course(s)**

---

**Cross-listed Course(s)**

---

**Academic Transfer (Baccalaureate)** Please select one or more distribution areas below:

- Basic Skills/Communication
- Basic Skills/Quantitative Skills
- Humanities/Fine Arts/English
- Social Science
- Natural Science
- Lab Science
- Lifetime Fitness/Wellness/Activity
- Engineering, Engineering Technology, Computer Science, Physics, and Atmospheric Sciences
- Associate in Biology Education
- Associate in Chemistry Education
- Associate in General Science
- Associate in Physics Education
- Engineering: Mechanical/Civil/Aeronautical

---

**Activity**

Activity is a fully instructed course of study that primarily involves the student in an activity that develops a technique or skill. If selected, please explain in 25 words or less how this course meets the activity requirement as defined.

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**Diversity**

If course meets diversity requirements, please check box and submit CAR to the Instructional Diversity Committee (IDC) for review and approval.

Select one or more transfer degrees below, that this course will apply:

- (AA-DTA) Associate in Arts degree
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- Biology, Environmental Science, Chemistry, Geology, and Earth Science

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- Teaches/help others
- Exhibits leadership
- Negotiates Agreements
- Appreciates and works with diverse group

Campus-Wide Learning Outcomes (CWLO)

Critical Thinking
Use appropriate reasoning to evaluate problems, make decisions, and formulate solutions.

Responsibility

Quantitative Skills

Written Communication

Oral Communication

Evaluation (Grading System)
- Grades (Decimal)
- Pass/Credit
- Satisfactory
- Competency-Based
Request for Change *(For example - #1 Change No of Credits from 5 to 7)*

SIGNATURE APPROVALS

Initiator: Alan Carter (Date):

Division Chair: Jeff McCauley (Date):

Dean of Instruction: Leslie Heizer Newquist (Date):

Faculty Course Review Committee (FCRC): (Date):

Instruction Council (IC): (Date):

Executive Vice President (EVP): (Date):

Institutional Intent Code: 21

CIP Code: 11.0901

Educational Program Code: 527

Reviewed/Processed by: Educational Support Services Date
**Course Adoption Revision**

**CANCELLED COURSE**

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---

**Date Submitted:** 10/30/2012

**Division:** 2U - Technology

**Effective Qtr:** Summer 2013-2014

**Capacity:** 18

**Long Course Title:** Implementing Voice Over IP

**Number of Sections offered each quarter:** Summer 0 Fall 0 Winter 0 Spring 1

**Variable Credits**

<table>
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**Advisory Committee Approval Date:** 1/24/2011

**Course Content Learning Outcomes**

- Describe IP telephony
- Describe the equipment needed for IP telephony
- Describe the V/OIP standards

**Course Adoption Revision**

**Preliminary Approval Requested:**

**Executive Vice President:**

<table>
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**Justification:** (Specify if for printed materials, supplies, computer equipment, etc)

- Computer software, Systems replacement, and Networking equipment.
- None

**Catalog Course Description**

Covers the theory, planning and implementation of Voice Over IP in the enterprise.

**Prerequisite(s) if any:**

- IT 210 and IT 213; or instructor's permission.

**Course Adoption Revision**

**Sequence Course(s)**

**Cross-listed Course(s)**

**Academic Transfer (Baccalaureate)**

Select one or more transfer degrees below.

- Basic Skills/Communication
- Basic Skills/Quantitative Skills
- Humanities/Fine Arts/English
- Social Science
- Natural Science
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1/7/2013
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- Computation
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- Negotiates Agreements
- Appreciates and works with diverse group

**Campus-Wide Learning Outcomes (CWLO)**

**Critical Thinking**

**Responsibility**
- Identify and comply with clearly stated expectations, policies, and procedures.
- Appropriately question or change stated expectations, policies, and procedures.

**Quantitative Skills**

**Written Communication**

**Oral Communication**

**Evaluation (Grading System)**

- Grades (Decimal)
- Pass/Credit
- Satisfactory
- Competency-Based
Request for Change *(For example - #1 Change No of Credits from 5 to 7)*

1. Changed course description.
2. Changed prerequisite from "IT 190 and IT 273 or instructor's permission.

**SIGNATURE APPROVALS**

Initiator: Alan Carter  (Date): 

Faculty Course Review Committee (FCRC):  (Date):

Division Chair: Jeff McCauley  (Date):

Instruction Council (IC):  (Date):

Dean of Instruction: Leslie Heizer Newquist  (Date):

Executive Vice President (EVP):  (Date):

For Education Support Support Office USE only

Institutional Intent Code: 21  

CIP Code: 11.1003  

Educational Program Code: 527

Reviewed/Processed by: Educational Support Services  Date
COURSE ADOPTION REVISION

REVISED COURSE

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Course Abbreviation: MATH& 173
Capacity 33

Long Course Title: Mathematics for Elementary Education III
(48 characters including spaces)

Short Course Title: Math for Elem Educ III
(24 characters including spaces)

Tuition
☐ Normal ☐ Different ☐ Exempt

Number of Sections Offered Each Quarter:

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</table>

Number of Credits

If variable credit, please fill in a minimum and maximum credit values.
If not, variable credit, please fill in the credit under minimum column.

<table>
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<tr>
<th>Number of Credits</th>
<th>Minimum</th>
<th>Maximum</th>
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<tbody>
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</tbody>
</table>

Contact Hours

Discussion/Lecture 55
Applied Learning(Lab)         
Clinical (On-Site)         
Total Contact Hours

For Schedule Construction Only

Sequence Course(s) (if applicable) MATH& 171 MATH& 172
Cross-Listed Course(s) (if applicable) 

Will this course require computers? ☑ Open Lab Classroom Library

Will this course require library to purchase more library and media resources: ☐ No ☐ Yes ☐

Catalog Course Description (Must not exceed 60 words)

Study of the fundamental nature of the real number system and its subsystems, applications of basic probability and statistics, and problem solving. In addition to probability/statistic, topics also include: decimals, algebraic thinking and functions. Recommended for prospective or practicing elementary and middle school teachers. Satisfies a natural science or quantitative skills requirement for AA degree.
Prerequisites (if any)  
(Make sure prerequisites are clear, especially when and's & or's are used. This could be interpreted several ways, use commas to clarify or write it out clearly.)

MATH& 171 with a grade of 2.0 or higher; or instructor's permission.

Course Content Learning Outcomes  
List student achievement during course

By the end of the quarter, the student should be able to: 1. Use various algorithms, mental computations, and electronic computing techniques for solving problems dealing with decimals and algebraic functions. 2. Apply problem-solving techniques to basic concepts involving probability and statistics. 3. Apply concepts of statistics when gathering appropriate data, organizing information in charts or graphs, and interpreting information from displays of data. 4. Apply probability techniques of experimentation and simulation in making hypotheses, testing conjectures, and refining theories. 5. Understand the role of technology as it relates to learning and teaching mathematics. 6. Implement strategies for K-8 students to learn each of the above mathematics concepts.

Academic Transfer (Baccalaureate)  
Does this course transfer to a baccalaureate institution? If yes, please select one or more applicable distribution below. Note that course transferability depends on acceptance of at least 3 major Washington state universities.

Meets General Education Requirement (GER/GUR): Select one or more from the list below

- Basic Skills/Communication
- Basic Skills/Quantitative Skills
- Humanities/Fine Arts/English
- Social Science
- Natural Science
- Lab Science
- Lifetime Fitness/Wellness/Activity

Diversity, check box and submit a separate form to the Diversity Committee.

Activity is defined as a fully instructed course of study that primarily involves the student in an activity that develops technique or a skill. Explain in the space provided below, in 25 words or less, how this course meets the Activity requirement as defined above.

Course is applicable to one or more of the following degrees: Select one or more from the list below

- Associate in Arts degree (AA-DTA)
- Associate in Business (AB-DTA)
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<td>Associate in Mechanical/Civil/Aeronautical/Industrial/Material Sciences Pre-Engr</td>
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<td>Associate in Biological or Chemical Pre-Engr</td>
<td>AS-T Opt 2 MRP</td>
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</tbody>
</table>
Associate in Computer or Electrical Pre-Engr (AS-T Opt 2 MRP)

List applicable programs in space provided below:

List applicable programs in space provide below:

List in space provided below:

Campus-Wide Learning Outcomes (CWLO)

Select applicable from the list below and explain how students will demonstrate outcomes in the space provided:

- Critical Thinking

- Responsibility

- Quantitative and Symbolic Reasoning

1. Evaluate and interpret quantitative and symbolic reasoning information/data.

Students will use various algorithms, mental computations, and electronic computing techniques for solving problems dealing with fractions, decimals, percentages, integers, statistics and probability. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolios.

2. Recognize which quantitative or symbolic reasoning methods are appropriate for solving a given problem.
Students will use various algorithms, mental computations, and electronic computing techniques for solving problems dealing with fractions, decimals, percentages, integers, statistics and probability. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolios.

3. Correctly implement the quantitative or symbolic reasoning methods that are appropriate for solving a given problem.

Students will use various algorithms, mental computations, and electronic computing techniques for solving problems dealing with fractions, decimals, percentages, integers, statistics and probability. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolios.

4. Demonstrate the ability to estimate a solution to a presented problem.

Students will estimate solutions to problems dealing with fractions, decimals, percentages, integers, statistics and probability. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolios.

5. Translate data into various formats such as symbolic language, equations, graphs and formulas.

Students will construct graphs of frequency distributions, pie charts and box plots. In addition, hands on manipulatives will be used to help visualize fractions, decimals, percentages and integers. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolios.

6. Implement calculator/computer technology to solve problems.

Students will use calculators to find measures of center and spread. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolios.

7. Demonstrate logical reasoning skills through formal and informal proofs.

Written Communication

<table>
<thead>
<tr>
<th>Professional/Technical Degrees - Does this course apply towards a professional/technical degree?</th>
</tr>
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<tbody>
<tr>
<td>Associate in Applied Arts degree (AAA)</td>
</tr>
<tr>
<td>1.</td>
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<td>2.</td>
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<td>3.</td>
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<td>4.</td>
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<td>5.</td>
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<td>6.</td>
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</tbody>
</table>

Related Instruction Requirements:
Does this course meet the Related Instruction requirements for professional/technical degrees? If yes, select one or more from the following list:

- Written Communication
- Oral Communication
- Computation
- Human Relations
However, if you chose Human Relations from the list above, you must also choose a minimum of 80% (8 out of 10) of the US Dept of Labor Secretary’s Commission on Achieving Necessary Skills (SCANS) attributes listed below:

- Demonstrates Responsibility
- Demonstrates Self-worth
- Demonstrates sociability in groups
- Demonstrates self-management
- Demonstrates integrity/honesty
- Participates as a team member
- Teaches/help others
- Exhibits leadership
- Negotiates Agreements
- Appreciates and works with diverse group

Advisory Committee Approval Date

Evaluation: (Grading System)

- Grades will be assigned in accordance with the decimal grading system as outlined in the college catalog.
- Pass/No Credit
- Satisfactory
- Competency-Based

SIGNATURE APPROVALS

Initiator: (Date): David Nelson

Division Chair: (Date): David Nelson

Dean of Instruction: (Date): Christie Gilliland

Faculty Course Review Committee (FCRC): (Date):

Instruction Council (IC): (Date):

Vice President of Instruction: (Date):

Do not write below line: For Education Support Services USE only:
Institutional Intent Code: 11
CIP Code: 27.0101

Educational Program Code: 

Preliminary Approval Requested

Vice President of Instruction

Date

Reviewed/Processed by: Educational Support Services

Date
MATH& 172

Capacity: 33

Long Course Title: Mathematics for Elementary Education II

Short Course Title: Math for Elem Educ II

Reason for Change:
1. Change Course Description to add "middle school"
2. Changed quarter offering.
3. Changed Course # to CCN #
4. Changed Course Title to CCN title.
5. Prerequisite to match new CCN
6. Quarters offered.

Date Submitted: 11/15/2012

Division: 3M - Mathematics

Submitting: Quarter: Summer

Effective Date: Acad Year: 2013-2014

Number of Sections Offered Each Quarter:

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<th>Quarter</th>
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<td>Fall</td>
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<tr>
<td>Winter</td>
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<td>Spring</td>
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<td>Clinical (On-Site)</td>
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Coop Fees

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<td>2 0.00</td>
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</table>

Fee Justification

(Printed materials and manipulatives)

Will this course require computers? Yes

Catalog Course Description

Study of geometry and its applications including problem solving techniques and concepts in measurement. Recommended for prospective or practicing elementary and middle school teachers. Satisfies a natural science or quantitative skills requirement for AA degree.
Prerequisites (if any)  
(Make sure prerequisites are clear, especially when and/or are used. This could be interpreted several ways, use commas to clarify or write it out cleanly)

MATH& 171 with a grade of 2.0 or higher; or instructor's permission.

Course Content Learning Outcomes

By the end of the quarter, the student should be able to: 1. apply problem-solving techniques to concepts introduced throughout the course 2. understand basic geometry and its applications 3. apply standard and non-standard measurement skills to geometric concepts 4. understand role of technology as it relates to learning and teaching mathematics 5. implement strategies for K-8 students to learn each of the above mathematical concepts.

Academic Transfer (Baccalaureate)

Does this course transfer to a baccalaureate institution? if yes, please select one or more applicable distribution below.

Note that course transferability depends on acceptance of at least 3 major Washington state universities.

Meets General Education Requirement (GER/GUR): Select one or more from the list below

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<tr>
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<tr>
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<tr>
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</table>

Course is applicable to one or more of the following degrees: Select one or more from the list below

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https://www.gatornet.greenriver.edu/car/print/revised-car.aspx?crs=MATH%26+172&div=... 1/7/2013
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https://www.gatornet.greenriver.edu/car/print/revised-car.aspx?crs=MATH%26+172&div=... 1/7/2013
List applicable programs in space provided below:

Critical Thinking

1. Apply relevant criteria and standards when evaluating information, claims and arguments.

2. Use appropriate reasoning to evaluate problems, make decisions and formulate solutions.

3. Give reasons for conclusions, assumptions, beliefs and hypotheses.

4. Seek out new information to evaluate and reevaluate conclusions, assumptions, beliefs and hypotheses.

5. Exhibit traits evidencing disposition to reflect, assess and improve thinking or products of thinking.
Quantitative and Symbolic Reasoning

1. Evaluate and interpret quantitative and symbolic reasoning information/data.

2. Recognize which quantitative or symbolic reasoning methods are appropriate for solving a given problem.

3. Correctly implement the quantitative or symbolic reasoning methods that are appropriate for solving a given problem.

4. Demonstrate the ability to estimate a solution to a presented problem.

5. Translate data into various formats such as symbolic language, equations, graphs and formulas.

6. Implement calculator/computer technology to solve problems.

7. Demonstrate logical reasoning skills through formal and informal proofs.

Written Communication

Professional/Technical Degrees - Does this course apply towards a professional/technical degree?
### Associate in Applied Arts degree (AAA)

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### Associate in Applied Science (AAS)

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### Professional/Technical Cert (Cert-P)

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#### Related Instruction Requirements:

*Does this course meet the Related Instruction requirements for professional/technical degrees? If yes, select one or more from the following list.*

- [ ] Written Communication
- [ ] Oral Communication
- [ ] Computation
- [ ] Human Relations
- [ ]
- [ ]

However, if you chose Human Relations from the list above, you must also choose a minimum of 80% (8 out of 10) of the US Dept of Labor Secretary's Commission on Achieving Necessary Skills (SCANS) attributes listed below:

- [ ] Demonstrates Responsibility
- [ ] Demonstrates Self-worth
- [ ] Demonstrates sociability in groups
- [ ] Demonstrates self-management
- [ ] Demonstrates integrity/honesty
- [ ] Participates as a team member
- [ ] Teaches/help others
- [ ] Exhibits leadership
- [ ] Negotiates Agreements
- [ ] Appreciates and works with diverse group
- [ ]
- [ ]
- [ ]
- [ ]

**Advisory Committee Approval Date __________***

### Evaluation: (Grading System)

- [ ] Grades will be assigned in accordance with the decimal grading system as outlined in the college catalog.
- [ ] Pass/No Credit
- [ ] Satisfactory
- [ ] Competency-Based
- [ ]
- [ ]

**SIGNATURE APPROVALS**
Initiator: (Date):
Steve Kinholt

Faculty Course Review Committee (FCRC):
(Date):

Division Chair: (Date):
David Nelson

Instruction Council (IC): (Date):

Dean of Instruction: (Date):
Crystal Gilliland

Vice President of Instruction: (Date):

---

Institutional Intent Code: 11
CIP Code: 27.0101
Educational Program Code:

Preliminary Approval Requested

☑

Vice President of Instruction
Date

Reviewed/Processed by: Educational Support Services
Date

Do not write below line: For Education Support Services USE only:
COURSE ADOPTION REVISION
REvised COURSE
The college is committed to assisting disabled and disadvantaged students with problems they may encounter at Green River. For information, registration assistance, accessibility, advising, and other services, contact the Disabled Student Services Coordinator (ext.2831).

Course Abbreviation: MATH& 171
Capacity: 33

Long Course Title: Mathematics for Elementary Education I
(48 characters including spaces)

Short Course Title: Math for Elem Educ I
(24 characters including spaces)

Reason for Change
Please list revisions to this course in space provided below:
1. Change Course Description to add "middle school"
2. Deleted Summer quarter offering.
3. Changed Course # to CCN #
4. Change Course Title to CCN title.
5. Course description.
6. Slight change to CCLO.

Date Submitted: 11/15/2012
Division Submitting: 3M - Mathematics
Effective Date: Quarter: Summer
Acad Year: 2013-2014

Coop Fees
Amount Budget Number Fee Code
1 5.00 IU00 M8
2 0.00

Fee Justification
(Specify if for printed materials, classroom supplies, computer equipment, etc)

printed materials, manipulatives

Indicate when variable credits apply
None

Number of Sections Offered Each Quarter:
Summer Fall Winter Spring
0 1 1 1

Number of Credits
If variable credit, please fill in a minimum and maximum credit values.
If not, variable credit, please fill in the credit under minimum column.

Number of Credits Minimum Maximum
5

Contact Hours
Discussion/Lecture 55
Applied Learning(Lab)
Clinical (On-Site)
Total Contact Hours

Sequence Course(s) None
(MATH & 172 MATHS 173)

Cross-Listed Course(s) None

Will this course require libraries to purchase more library and media resources:
No Yes

Catalog Course Description
Introduces problem-solving techniques, number theory, set theory, and numeration systems related to topics taught at the K-8 level. Topics include: sets, functions, reasoning, whole numbers, integers, and fractions. Recommended for prospective or practicing elementary and middle school teachers. Satisfies a natural science or quantitative skills requirement for AA degree.

https://www.gatornet.greenriver.edu/car/print/revised-car.aspx?crs=MATH%26+171&div=... 1/7/2013
MATH 097 with a grade of 2.5 or higher; or appropriate placement test score; or high school transcription; or high school transcript; or instructor's permission.

**Course Content Learning Outcomes**

By the end of the quarter, the student should be able to:

1. use problem-solving models and apply them to concepts introduced throughout the course.
2. understand the structure of the Real Number system and how this structure relates to learning mathematics.
3. use various algorithms, mental computations, hands-on manipulatives, and electronic computing techniques for solving problems dealing with whole numbers, fractions, and integers.
4. understand the changing role of technology as it relates to learning and teaching mathematics.
5. implement strategies for helping K-8 students learn each of the above mathematical concepts.

**Academic Transfer (Baccalaureate)**

Does this course transfer to a baccalaureate institution? If yes, please select one or more applicable distribution below. Note that course transferability depends on acceptance of at least 3 major Washington state universities.

**Meets General Education Requirement (GER/GUR):** Select one or more from the list below

- Basic Skills/Communication
- Basic Skills/Quantitative Skills
- Humanities/Fine Arts/English
- Social Science
- Natural Science
- Lab Science
- Lifetime Fitness/Wellness/Activity

Diversity, check box and submit a separate form to the Diversity Committee.

Activity is defined as a fully instructed course of study that primarily involves the student in an activity that develops technique or a skill. Explain in the space provided below, in 25 words or less, how this course meets the Activity requirement as defined above.

**Course is applicable to one or more of the following degrees:** Select one or more from the list below

- Associate in Arts degree (AA-DTA)
- Associate in Business (AB-DTA)
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List applicable programs in space provided below:

Critical Thinking

1. Apply relevant criteria and standards when evaluating information, claims and arguments.

2. Use appropriate reasoning to evaluate problems, make decisions and formulate solutions.

use problem-solving models and apply them to concepts introduced throughout the course. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolio

understand the structure of the Real Number system and how this structure relates to learning mathematics. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolio

3. Give reasons for conclusions, assumptions, beliefs and hypotheses.

4. Seek out new information to evaluate and reevaluate conclusions, assumptions, beliefs and hypotheses.

5. Exhibit traits evidencing disposition to reflect, assess and improve thinking or products of thinking.
Quantitative and Symbolic Reasoning

1. Evaluate and interpret quantitative and symbolic reasoning information/data.
   - Use various algorithms, mental computations, hands on manipulatives, and electronic computing techniques for solving problems dealing with whole numbers. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolio

2. Recognize which quantitative or symbolic reasoning methods are appropriate for solving a given problem.
   - Understand the structure of the Real Number system and how this structure relates to learning mathematics. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolio

3. Correctly implement the quantitative or symbolic reasoning methods that are appropriate for solving a given problem.
   - Use various algorithms, mental computations, hands on manipulatives, and electronic computing techniques for solving problems dealing with whole numbers. Understand the structure of the Real Number system and how this structure relates to learning mathematics. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolio

4. Demonstrate the ability to estimate a solution to a presented problem.
   - Use various algorithms, mental computations, hands on manipulatives, and electronic computing techniques for solving problems dealing with whole numbers. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolio

5. Translate data into various formats such as symbolic language, equations, graphs and formulas.

6. Implement calculator/computer technology to solve problems.

7. Demonstrate logical reasoning skills through formal and informal proofs.

Written Communication

| Professional/Technical Degrees | Does this course apply towards a professional/technical degree? |
### Associate in Applied Arts degree (AAA)

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### Associate in Applied Science (AAS)

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### Professional/Technical Cert (Cert-P)

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</table>

#### Related Instruction Requirements:

Does this course meet the Related Instruction requirements for professional/technical degrees? If yes, select one or more from the following list:

- Written Communication
- Oral Communication
- Computation
- Human Relations

However, if you chose Human Relations from the list above, you must also choose a minimum of 80% (8 out of 10) of the US Dept of Labor Secretary’s Commission on Achieving Necessary Skills (SCANS) attributes listed below:

- Demonstrates Responsibility
- Demonstrates Self-worth
- Demonstrates sociability in groups
- Demonstrates self-management
- Demonstrates integrity/honesty
- Participates as a team member
- Teaches/help others
- Exhibits leadership
- Negotiates Agreements
- Appreciates and works with diverse group

#### Advisory Committee Approval Date

Evaluation: (Grading System)

- Grades will be assigned in accordance with the decimal grading system as outlined in the college catalog.
- Pass/No Credit
- Satisfactory
- Competency-Based

---

**SIGNATURE APPROVALS**
COURSE ADOPTION REVISION
NEW COURSE

Course Abbreviation: MATH 294
Capacity: 28

Long Course Title: Special Studies in Mathematics
(48 characters including spaces)

Short Course Title: Special Studies-Math
(24 characters including spaces)

Tuition
- Normal
- Different
- Exempt

Number of Sections Offered Each Quarter:
- Summer: 1
- Fall: 1
- Winter: 1
- Spring: 1

Number of Credits
If variable credit, please fill in a minimum and maximum credit values.
If not, variable credit, please fill in the credit under minimum column.

<table>
<thead>
<tr>
<th>Number of Credits</th>
<th>Minimum</th>
<th>Maximum</th>
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<tbody>
<tr>
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</tbody>
</table>

Contact Hours
- Discussion/Lecture: 11
- Applied Learning(Lab): 55
- Clinical (On-Site): None
- Total Contact Hours: None

Date Submitted: 12/3/2012
 Division Submitting: 3M - Mathematics
 Effective Date: Quarter: Fall
 Acad Year: 2012-2013

Coop Fees
<table>
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<tr>
<th>Amount</th>
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</table>

Fee Justification
(Specify if for printed materials, classroom supplies, computer equipment, etc)

Will this course require computers?: Yes

Will this course require library to purchase more library and media resources?: No

Catalog Course Description
(Must not exceed 50 words)

Focuses on special topics in Math, that is not part of the regular curriculum. Content varies from course to course.

Prerequisites (if any)
(Make sure prerequisites are clear, especially when and's & or's are used. This could be interpreted several ways, use commas to clarify or write it out clearly.)

Instructor's permission.

Course Content Learning Outcomes
List student achievement during course

Will vary depending on topics studied.

Basic Skills/Communication
Diversity, check box and submit a separate form to the Diversity Committee.

https://www.gatornet.greenriver.edu/car/print/revised-car.aspx?crs=MATH+294&div=3M - ... 1/7/2013
### Academic Transfer (Baccalaureate)

Does this course transfer to a baccalaureate institution? If yes, please select one or more applicable distribution below. Note that course transferability depends on acceptance of at least 3 major Washington state universities.

Meets General Education Requirement (GER/GUR): Select one or more from the list below

<table>
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<tr>
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<tr>
<td>Lifetime Fitness/Wellness/Activity</td>
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</table>

Activity is defined as a fully instructed course of study that primarily involves the student in an activity that develops technique or a skill. Explain in the space provided below, in 25 words or less, how this course meets the Activity requirement as defined above.

Course is applicable to one or more of the following degrees: Select one or more from the list below

- Associate in Arts degree (**AA-DTA**)  
- Associate in Business (**AB-DTA**)  
- Associate in Elementary Education (**AEE-DTA**)  
- Associate in Fine Arts (**AFA-DTA**)  
- Associate in Math Education (**AM-DTA**)  
- Associate in Pre-Nursing (**APren-DTA/MPR**)
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List applicable programs in space provided below.

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List applicable programs in space provide below.
List applicable programs in space provided below:

### Campus-Wide Learning Outcomes (CWLO)
Select applicable from the list below and explain how students will demonstrate outcomes in the space provided:

- Critical Thinking
- Responsibility
- Quantitative and Symbolic Reasoning
- Written Communication

### Professional/Technical Degrees - Does this course apply towards a professional/technical degree?

<table>
<thead>
<tr>
<th>Associate in Applied Arts degree (AAA)</th>
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### Related Instruction Requirements:
Does this course meet the Related instruction requirements for professional/technical degrees? If yes, select one or more from the following list:

- Written Communication
- Oral Communication
- Computation
- Human Relations
Demonstrates Responsibility
Demonstrates Self-worth
Demonstrates sociability in groups
Demonstrates self-management
Demonstrates integrity/honesty

Participates as a team member
Teaches/help others
Exhibits leadership
Negotiates Agreements
Appreciates and works with diverse group

Advisory Committee Approval Date _________

Evaluation: (Grading System)

- Grades will be assigned in accordance with the decimal grading system as outlined in the college catalog.
- Pass/No Credit
- Satisfactory
- Competency-Based

SIGNATURE APPROVALS

Initiator: (Date): Kris Kissel

Faculty Course Review Committee (FCRC): (Date):

Division Chair: (Date): David Nelson

Instruction Council (IC): (Date):

Dean of Instruction: (Date): Christie Gilliland

Vice President of Instruction: (Date):

Institutional Intent Code: CIP Code: Educational Program Code:

Preliminary Approval Requested

Do not write below line: For Education Support Services USE only:

Institutional Intent Code: CIP Code: Educational Program Code:

Preliminary Approval Requested

COURSE ADOPTION REVISION

REVISED COURSE

The third course of a four-quarter calculus sequence. Introduces students to sequences, series, and higher-dimensional space. Topics include convergence tests; vectors; analytic geometry; vector-valued functions. Course requires a graphing calculator. Satisfies a natural science or quantitative skills requirement for AA degree. Formerly MATH 126.

Date Submitted: 1/28/2011
Division Submitting: 3M - Mathematics
Effective Date: Quarter: Summer
Acad Year: 2011-2012

Tuition

Normal Different Exempt

Number of Sections Offered Each Quarter:

Summer Fall Winter Spring
2 2 2 4

Number of Credits

if variable credit, please fill in a minimum and maximum credit values.
if not, variable credit, please fill in the credit under minimum column.

Coop Fees

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</table>

Fee Justification
(Specify if for printed materials, classroom supplies, computer equipment, etc)

print materials

Will this course require computers?

[ ] Open Lab
[ ] Classroom
[ ] Library

Will this course require library to purchase more library and media resources:

[ ] No
[ ] Yes

Catalog Course Description

(Must not exceed 60 words)

The third course of a four-quarter calculus sequence. Introduces students to sequences, series, and higher-dimensional space. Topics include convergence tests; vectors; analytic geometry; vector-valued functions. Course requires a graphing calculator. Satisfies a natural science or quantitative skills requirement for AA degree. Formerly MATH 126.
Prerequisites (if any) (Make sure prerequisites are clear, especially when and/or or’s are used. This could be interpreted several ways; use commas to clarify or write it out clearly.)

MATH& 152 with a grade of 2.0 or higher OR appropriate placement test score; OR instructor’s permission.

Course Content Learning Outcomes

By the end of the quarter the student should be able to 1. Find limits of sequences using appropriate techniques; 2. Apply basic convergence tests for infinite series such as the comparison, p-series, alternating series, integral, limit comparison, and ratio tests; 3. Determine the sum of a convergent infinite geometric series; 4. Express basic and transcendental functions as power series; 5. Derive Taylor/Maclaurin series; 6. Apply power series to determine the nth degree Taylor polynomial for a function; 7. Use vectors in two and three dimensions; 8. Apply dot and cross products to applications involving geometry, work or torque; 9. Solve problems involving distances and angles between lines using vectors; 10. Write equations of lines and planes using vectors; 11. Recognize basic three dimensional surfaces such as paraboloids, hyperboloids, and ellipsoids; 12. Determine domain and limits for vector-valued functions; 13. Find the derivative and antiderivative of a vector function; 14. Represent graphically the velocity and acceleration of a particle moving according to a vector function r(t)= <x(t),y(t),z(t)>.

Academic Transfer (Baccalaureate)

Does this course transfer to a baccalaureate institution? If yes, please select one or more applicable distribution below. Note that course transferability depends on acceptance of at least 3 major Washington state universities.

Meets General Education Requirement (GER/GUR): Select one or more from the list below

- Basic Skills/Communication
- Basic Skills/Quantitative Skills
- Humanities/Fine Arts/English
- Social Science
- Natural Science
- Lab Science
- Lifetime Fitness/Wellness/Activity

Activity is defined as a fully instructed course of study that primarily involves the student in an activity that develops technique or a skill. Explain in the space provided below, in 25 words or less, how this course meets the Activity requirement as defined above.

Course is applicable to one or more of the following degrees: Select one or more from the list below

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- Associate in Business (AB-DTA)
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</table>
Associate in Computer or Electrical Pre-Engr (AS-T Opt 2 MRP)

List applicable programs in space provided below.

Critical Thinking

1. Apply relevant criteria and standards when evaluating information, claims and arguments.

Students will assess and identify infinite series and apply appropriate convergence tests, such as the comparison, p-series, alternating series, integral, limit comparison, and ratio tests. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolio.

2. Use appropriate reasoning to evaluate problems, make decisions and formulate solutions.

3. Give reasons for conclusions, assumptions, beliefs and hypotheses.

4. Seek out new information to evaluate and reevaluate conclusions, assumptions, beliefs and hypotheses.
5. Exhibit traits evidencing disposition to reflect, assess and improve thinking or products of thinking.

Responsibility

Quantitative and Symbolic Reasoning

1. Evaluate and interpret quantitative and symbolic reasoning information/data.

2. Recognize which quantitative or symbolic reasoning methods are appropriate for solving a given problem.

Students will identify the general form of given infinite series, and choose appropriate convergence tests, such as the comparison, p-series, alternating series, integral, limit comparison, and ratio tests. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolio.

3. Correctly implement the quantitative or symbolic reasoning methods that are appropriate for solving a given problem.

Apply appropriate convergence tests to infinite series, such as the comparison, p-series, alternating series, integral, limit comparison, and ratio tests. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolio.

4. Demonstrate the ability to estimate a solution to a presented problem.

Students will use Taylor polynomials to approximate various mathematical expressions like e and square-root of 2. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolio.

5. Translate data into various formats such as symbolic language, equations, graphs and formulas.

6. Implement calculator/computer technology to solve problems.

Students may use mathematical software to visualize quadric surfaces and parametrized curves in three dimensions. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolio.

7. Demonstrate logical reasoning skills through formal and informal proofs.

Written Communication

Professional/Technical Degrees - Does this course apply towards a professional/technical degree?

<table>
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https://www.gatornet.greenriver.edu/car/print/revised-car.aspx?crs=Math%26+153&div=3...
### Related Instruction Requirements:

*Does this course meet the Related Instruction requirements for professional/technical degrees? If yes, select one or more from the following list.*

- Written Communication
- Oral Communication
- Computation
- Human Relations

---

### However, if you chose Human Relations from the list above, you must also choose a minimum of 80% (8 out of 10) of the US Dept of Labor Secretary’s Commission on Achieving Necessary Skills (SCANS) attributes listed below:

- Demonstrates Responsibility
- Demonstrates Self-worth
- Demonstrates sociability in groups
- Demonstrates self-management
- Demonstrates integrity/honesty
- Participates as a team member
- Teaches/help others
- Exhibits leadership
- Negotiates Agreements
- Appreciates and works with diverse group

---

### Advisory Committee Approval Date

_______

---

### Evaluation: (Grading System)

Grades will be assigned in accordance with the decimal grading system as outlined in the college catalog.

- [x] Pass/No Credit
- Satisfactory
- [ ] Competency-Based

---

### SIGNATURE APPROVALS

**Initiator:** (Date):

**Faculty Course Review Committee (FCRC):** (Date):

**Division Chair:** (Date):

**Instruction Council (IC):** (Date):
Dean of Instruction: (Date):

Vice President of Instruction: (Date):

Institutional Intent Code: 11
CIP Code: 27.0103
Educational Program Code:

Preliminary Approval Requested

Vice President of Instruction
Date

Reviewed/Processed by: Educational Support Services Date
COURSE ADOPTION REVISION

REvised Course

Reason for Change: Please list revisions to this course in space provided below

1. Change sections offered FROM Smr-1, Fall-2, Wtr-4, Spr-2 TO Smr-1, Fall-3, Wtr-5, Spr-3.
2. Added course sequences: MATH& 151, MATH& 153, MATH& 254
3. Corrected typos in CCLOs 4, 6, 8, 10; corrected wording in CCLO 2.

Date Submitted: 1/28/2011
Division Submitting: 3M - Mathematics
Effective Date: Quarter: Summer
Acad Year: 2011-2012

Coop Fees

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Fee Justification
(Specify if for printed materials, classroom supplies, computer equipment, etc)

printed materials

Will this course require computers?

Open Lab Classroom Library

Will this course require library to purchase more library and media resources:
No ☐ Yes ☐

Catalog Course Description: (Must not exceed 60 words)

The second course of a four-quarter calculus sequence is an introduction to integral calculus and related applications. Topics include antiderivatives of algebraic and transcendental functions; the Fundamental Theorem of Calculus; techniques of integration; areas; volumes; moments and centers of mass; numerical methods. Graphing calculator required. Satisfies a natural science or quantitative skills requirement for AA degree. Formerly: MATH 125
Prerequisites (if any)  
(Make sure prerequisites are clear, especially when and's & or's are used. This could be interpreted several ways, use commas to clarify or write it out clearly.)

Math& 151 with a grade of 2.0 or higher or appropriate placement test score OR high school transcript evaluation or instructor's permission.

Course Content Learning Outcomes

By the end of the quarter the student should be able to: 1. Find the antiderivatives of functions; 2. Manipulate expressions using sigma notation; 3. Use Riemann sums to find areas; 4. Apply the Fundamental Theorem of Calculus; 5. Find antiderivatives using a variety of techniques including substitution, tables, integration by parts and partial fractions; 6. Approximate definite integrals using numerical techniques, such as the trapezoid rule, Simpson's method, calculator/computer programs, and geometry; 7. Apply integration techniques to solve problems involving areas, volumes, arc length, centroids, and differential equations; 8. Find limits using l'Hopital's rule; 9. Compute the average value of a function, work and surface area (opt); 10. Evaluate improper integrals.

Academic Transfer (Baccalaureate)

Does this course transfer to a baccalaureate institution? **If yes, please select one or more applicable distribution below.** Note that course transferability depends on acceptance of at least 3 major Washington state universities.

Meets General Education Requirement (GER/GUR): Select one or more from the list below

- [ ] Basic Skills/Communication
- [ ] Basic Skills/Quantitative Skills
- [ ] Humanities/Fine Arts/English
- [ ] Social Science
- [ ] Natural Science
- [ ] Lab Science
- [ ] Lifetime Fitness/Wellness/Activity

Activity is defined as a fully instructed course of study that primarily involves the student in an activity that develops technique or a skill. **Explain in the space provided below, in 25 words or less, how this course meets the Activity requirement as defined above.**

Course is applicable to one or more of the following degrees: *Select one or more from the list below*

- [ ] Associate in Arts degree (AA-DTA)
- [ ] Associate in Business (AB-DTA)
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<td>Associate in General Science Education</td>
<td>AS-T Opt 1</td>
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<tr>
<td>Associate in Physics Education</td>
<td>AS-T Opt 2</td>
</tr>
<tr>
<td>Associate in Mechanical/Civil/Aeronautical/Industrial/Material Sciences Pre-Engr</td>
<td>AS-T Opt 2 MRP</td>
</tr>
<tr>
<td>Associate in Biological or Chemical Pre-Engr</td>
<td>AS-T Opt 2 MRP</td>
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</tbody>
</table>
Associate in Computer or Electrical Pre-Engr (AS-T Opt 2 MRP)

List applicable programs in space provided below:

- T List applicable programs in space provided below:

List applicable programs in space provided below:

Campus-Wide Learning Outcomes (CWLO)
Select applicable from the list below and explain how students will demonstrate outcomes in the space provided:

- Critical Thinking

  1. Apply relevant criteria and standards when evaluating information, claims and arguments.

  2. Use appropriate reasoning to evaluate problems, make decisions and formulate solutions.

Students will carefully prove statements about integrals. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolios.

  3. Give reasons for conclusions, assumptions, beliefs and hypotheses.

  4. Seek out new information to evaluate and reevaluate conclusions, assumptions, beliefs and hypotheses.

  5. Exhibit traits evidencing disposition to reflect, assess and improve thinking or products of thinking.
Quantitative and Symbolic Reasoning

1. Evaluate and interpret quantitative and symbolic reasoning information/data.

2. Recognize which quantitative or symbolic reasoning methods are appropriate for solving a given problem.

Students will correctly select from techniques for calculating antiderivatives, including substitution, integration-by-parts, and partial fractions. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolios.

3. Correctly implement the quantitative or symbolic reasoning methods that are appropriate for solving a given problem.

Students will correctly implement techniques for calculating antiderivatives, including substitution, integration-by-parts, and partial fractions. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolios.

4. Demonstrate the ability to estimate a solution to a presented problem.

Students will use Riemann sums to estimate the values of definite integrals. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolios.

5. Translate data into various formats such as symbolic language, equations, graphs and formulas.

Students will solve a variety of application problems including areas, volumes, arc length, and centroids by expressing them in terms of integrals. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolios.

6. Implement calculator/computer technology to solve problems.

Students will use Computer Algebra System technology (on calculators or personal computers) to find evaluate complicated antiderivatives. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolios.

7. Demonstrate logical reasoning skills through formal and informal proofs.

Written Communication

Professional/Technical Degrees - Does this course apply towards a professional/technical degree?
### Associate in Applied Arts degree (AAA)

<p>| | |</p>
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</table>

### Associate in Applied Science (AAS)

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</tbody>
</table>

### Professional/Technical Cert (Cert-P)

<p>| | |</p>
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</tbody>
</table>

### Related Instruction Requirements:

*Does this course meet the Related Instruction requirements for professional/technical degrees? If yes, select one or more from the following list.*

- Written Communication
- Oral Communication
- Computation
- Human Relations

- [ ]

### However, if you chose Human Relations from the list above, you must also choose a minimum of 80% (8 out of 10) of the US Dept of Labor Secretary’s Commission on Achieving Necessary Skills (SCANS) attributes listed below:

- Demonstrates Responsibility
- Demonstrates Self-worth
- Demonstrates sociability in groups
- Demonstrates self-management
- Demonstrates integrity/honesty
- Participates as a team member
- Teaches/help others
- Exhibits leadership
- Negotiates Agreements
- Appreciates and works with diverse group

### Advisory Committee Approval Date

- [ ]

### Evaluation: (Grading System)

- Grades will be assigned in accordance with the decimal grading system as outlined in the college catalog.
  - [ ] Pass/No Credit
  - [ ] Satisfactory
  - [ ] Competency-Based

### SIGNATURE APPROVALS
COURSE ADOPTION REVISION

REVISED COURSE

The college is committed to assisting disabled and disadvantaged students with problems they may encounter at Green River. For information, registration assistance, accessibility, advocacy, and liaison, contact the Disability Services Coordinator [ext. 2831].

Reason for Change

Please list revisions to this course in space provided below:

1. Change number of sections offered FROM Smr-2, Fall-5, Wtr/Spr-3 TO Smr-2, Fall-5, Wtr-5, Spr-4.
2. Added course sequence MATH& 152, MATH& 153, MATH& 254.
3. Added to academic transfer, AS-T Option 1 and Option 2, AFA
4. Corrected typos in CCLOs 5, 11, 12.

Date Submitted: 1/28/2011
Division Submitting: 3M - Mathematics
Effective Date: Quarter: Summer
Acad Year: 2011-2012

Number of Sections Offered Each Quarter:

Summer Fall Winter Spring
5 5 3 3

Number of Credits

<table>
<thead>
<tr>
<th>Credit</th>
<th>Minimum</th>
<th>Maximum</th>
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<tbody>
<tr>
<td>Normal</td>
<td>2.00</td>
<td>1U00</td>
</tr>
<tr>
<td>Different</td>
<td>0.00</td>
<td>M8</td>
</tr>
</tbody>
</table>

Fee Justification

(Specify if for printed materials, classroom supplies, computer equipment, etc)

printed materials

Will this course require computers?

[ ] Open Lab
[ ] Classroom
[ ] Library

The first course of a four-quarter calculus sequence is an introduction to differential calculus and related applications. Topics include limits, derivatives of algebraic and transcendental functions; optimization; linearization; numerical methods; modeling. Graphing calculator required. Satisfies a natural science or a quantitative skills requirement for AA degree. Formerly: MATH 124

https://www.gatornet.greenriver.edu/car/print/revised-car.aspx?crs=Math%26%20151&div=3 1/14/2013
Prerequisites (if any) (Make sure prerequisites are clear, especially when and's & or's are used. This could be interpreted several ways, use commas to clarify or write it out clearly.)

MATH& 142 or MATH 106 with a grade of 2.0 OR higher or appropriate placement test score OR high school transcript evaluation OR instructor's permission.

Course Content Learning Outcomes List student achievement during course

By the end of the quarter, the student should be able to: 1. Find limits involving polynomial and trigonometric functions; 2. Define continuous functions, recognize points of discontinuity of functions, and describe the behavior of functions in the neighborhood of their discontinuities; 3. Define the derivative of a function, find the derivative of appropriate functions using the definition, and understand the derivative as a rate of change; 4. Use differentials to approximate values of functions; 5. Find the derivatives of exponential, logarithmic, and trigonometric functions; 6. Apply the various rules and techniques of differentiation such as the power, product, quotient, and chain rules; 7. Identify and apply the impact of derivative(s) on the graphs of functions; 8. Find derivatives using implicit differentiation; 9. Apply derivatives to find extrema of functions and solve optimization problems; 10. Solve related rates problems; 11. Use Newton's method to approximate roots of equations; 12. Apply differentiation to various physics problems; 13. Use the theorems from differential calculus to determine characteristics such as a mean value or equations of tangent lines.

Academic Transfer (Baccalaureate)

Does this course transfer to a baccalaureate institution? If yes, please select one or more applicable distribution below. Note that course transferability depends on acceptance of at least 3 major Washington state universities.

Meets General Education Requirement (GER/GUR): Select one or more from the list below

- Basic Skills/Communication
- Basic Skills/Quantitative Skills ✓
- Humanities/Fine Arts/English
- Social Science
- Natural Science ✓
- Lab Science
- Lifetime Fitness/Wellness/Activity

Activity is defined as a fully instructed course of study that primarily involves the student in an activity that develops technique or a skill. Explain in the space provided below, in 25 words or less, how this course meets the Activity requirement as defined above.

Course is applicable to one or more of the following degrees: Select one or more from the list below

- Associate in Arts degree (AA-DTA) ✓

https://www.gatornet.greenriver.edu/car/print/revised-car.aspx?crs=Math%26+151&div=3... 1/14/2013
<table>
<thead>
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<th>Program</th>
<th>Code</th>
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<tbody>
<tr>
<td>Associate in Business</td>
<td>(AB-DTA)</td>
</tr>
<tr>
<td>Associate in Elementary Education</td>
<td>(AEE-DTA)</td>
</tr>
<tr>
<td>Associate in Fine Arts</td>
<td>(AFA-DTA)</td>
</tr>
<tr>
<td>Associate in Math Education</td>
<td>(AM-DTA)</td>
</tr>
<tr>
<td>Associate in Pre-Nursing</td>
<td>APren-DTA/MPR</td>
</tr>
<tr>
<td>Associate of Science-Transfer</td>
<td>(AS-T Opt 1)</td>
</tr>
<tr>
<td>Associate of Science-Transfer</td>
<td>(AS-T Opt 2)</td>
</tr>
<tr>
<td>Associate in Biology Education</td>
<td>(AS-T Opt 1)</td>
</tr>
<tr>
<td>Associate in Chemistry Education</td>
<td>(AS-T Opt 1)</td>
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<td>(AS-T Opt 2 MRP)</td>
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</table>
Associate in Computer or Electrical Pre-Engr (AS-T Opt 2 MRP)

List applicable programs in space provided below:

- Critical Thinking
- Responsibility
- Quantitative and Symbolic Reasoning
  1. Evaluate and interpret quantitative and symbolic reasoning information/data.
  2. Recognize which quantitative or symbolic reasoning methods are appropriate for solving a given problem.

Students will correctly select differentiation techniques from among the Power, Constant Multiple, Sum, Difference, Exponential, Logarithmic, Product, Quotient and Chain Rules, as well as implicit...
differentiation. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolios.

3. Correctly implement the quantitative or symbolic reasoning methods that are appropriate for solving a given problem.

Students will correctly implement differentiation techniques including the Power, Constant Multiple, Sum and Difference, Exponential, Logarithmic, Product, Quotient and Chain Rules, as well as implicit differentiation. Students will also implement Newton's Method to find approximate solutions to algebraic equations. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolios.

4. Demonstrate the ability to estimate a solution to a presented problem.

Students will estimate the instantaneous rate of change of a function at a point from a table, from a graph, and from an algebraic formula. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolios.

5. Translate data into various formats such as symbolic language, equations, graphs and formulas.

Students will set up related rates and optimization problems using equations and formulas. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolios.

6. Implement calculator/computer technology to solve problems.

Students will use Computer Algebra System technology (on calculators or personal computers) to solve complicated algebraic equations arising in application problems. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolios.

7. Demonstrate logical reasoning skills through formal and informal proofs.

Students will carefully prove statements about derivatives. Assessed by any of the following: 1) quiz and test answers and explanations, 2) homework answers, 3) project and/or writing assignment explanations, 4) in-class activities, 5) portfolios.

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**Professional/Technical Degrees - Does this course apply towards a professional/technical degree?**

<table>
<thead>
<tr>
<th>Associate in Applied Arts degree (AAA)</th>
<th>Associate in Applied Science degree (AAS)</th>
<th>Professional/Technical Certificate (Cert-P)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
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</table>

**Related Instruction Requirements:**

*Does this course meet the Related Instruction requirements for professional/technical degrees? If yes, select one or more from the following list.*

- [ ] Written Communication
- [ ] Oral Communication
- [ ] Computation
- [ ] Human Relations
However, if you chose Human Relations from the list above, you must also choose a minimum of 80% (8 out of 10) of the US Dept of Labor Secretary’s Commission on Achieving Necessary Skills (SCANS) attributes listed below:

- Demonstrates Responsibility
- Demonstrates Self-worth
- Demonstrates sociability in groups
- Demonstrates self-management
- Demonstrates integrity/honesty
- Participates as a team member
- Teaches/help others
- Exhibits leadership
- Negotiates Agreements
- Appreciates and works with diverse group

Advisory Committee Approval Date

Evaluation: (Grading System)

- Grades will be assigned in accordance with the decimal grading system as outlined in the college catalog.
- Pass/No Credit
- Satisfactory
- Competency-Based

SIGNATURE APPROVALS

Initiator: (Date):
David Nelson

Division Chair: (Date):
David Nelson

Dean of Instruction: (Date):
Christie Gilliland

Faculty Course Review Committee (FCRC): (Date):

Instruction Council (IC): (Date):

Vice President of Instruction: (Date):

Do not write below line: For Education Support Services USE only:
<table>
<thead>
<tr>
<th>Institutional Intent Code:</th>
<th>CIP Code:</th>
<th>Educational Program Code:</th>
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<tr>
<td>11</td>
<td>27.0103</td>
<td>778, 804, 642, 783, 782</td>
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</tbody>
</table>

Preliminary Approval Requested

Vice President of Instruction

Reviewed/Processed by: Educational Support Services
The college is committed to assisting disabled and disadvantaged students with problems they may encounter at Green River. For information, registration assistance, accessibility, advocacy and liaison with faculty and staff contact the Disabled Student Services Coordinator (ext. 2631).

**PROGRAM ADOPTION REVISION**

Date: 12/4/2012  Division Submitting: 3D-Fine Arts  EPC Code: 9977

**Name of Program:** Broadcasting - Associate Pre-Professional degree

**Total Number of Credits:** 90  To  Effective Date: Summer 2013

**Min Credits:**  Max Credits:

**Program applicable for:** Select appropriate item

- ☑ (A-PP) Associate in Pre-Professional degree
- ☑ (A-cert) Academic Certificate
- ☑ (AAS-T) Associate in Applied Science-Transf
- ☑ (BAS) Bachelor of Science degree
- ☑ (AAA) Associate in Applied Arts degree
- ☑ (AAS) Associate in Applied Science degree
- ☑ Certificate (45 credits and over)
- ☑ Certificate (44 credits and under)
  (If selected, skip the Related Instruction Requirements area.)

If selected, skip the Related Instruction Requirements area.)

**Reason for Request:** Select appropriate item

- ☑ New degree or certificate
- ☑ Cancel degree or certificate
- ☑ Program Revision
- ☑ Place on in-active status
  (3 years maximum, then place on Cancel)

**Related Instruction Requirements:**

1. Communication (10 credits)
   - A. Written Communication (5 credits)
     - ☑ Engl 109 (Formerly Engl 102)
     - ☑ Engl 101 (Formerly Engl 110)
     - ☑ Engl 126 (Formerly Engl 111)
     - ☑ Engl 127 (Formerly Engl 112)
     - ☑ Engl 128 (Formerly Engl 113)
     - ☑ Bus E 130
   - B. Oral Communication (5 credits)
     - ☑ Cmst 100 (Formerly Comm 100)
     - ☑ Cmst& 210 (Formerly Comm 110)
     - ☑ Cmst& 220 (Formerly Comm 101)
     - ☑ Cmst& 230 (Formerly Comm 234)
     - ☑ Cmst 238

2. Computations/Mathematics (5 credits)
   - ☑ Achieve a Compass score for eligibility for MATH& 142 or higher or
   - ☑ Complete one MATH course numbered 100 or above: ________________________________ or
   - ☑ List specific MATH course: _____________________________________________________

3. Human Relations
   - A. Select one or more course(s) from the following list:
     (Cmst 100, &210, &220 and &230 can only be used here if not already used in the section 1B-
     - ☑ Cmst 100 (Formerly Comm 100)
     - ☑ Cmst& 210 (Formerly Comm 110)
     - ☑ Cmst& 220 (Formerly Comm 101)
B. Embed at least 30 hours in degree program or 15 hours in a certificate programs as follows:

Courses listed above must include at least 80% of the US Dept of labor Secretary's Commission on Achieving Necessary Skills (SCANS) attributes. Must select at least 8 out of the 10 attributes listed below. These attributes

- Demonstrates responsibility
- Demonstrates self-worth
- Demonstrates socialiability in a group
- Demonstrates self-management
- Demonstrates integrity/honesty
- Participates as a team member
- Teaches/helps others
- Exhibits leadership
- Negotiates agreements
- Appreciates and works with diverse groups

Advisory committee approval date: ________________

Comments
1. Move JOURN 156 and 162 from Elective to core requirements.
2. Change Math/Natural Science requirements to: a) Any Math course 100 or higher (5 credits); and b) Two separate areas including one lab (10 credits)
3. Change Humanities/Fine Arts credits from 1-5 to 5 credits.
4. Change recommended elective credits from 4 to 3-4.
5. Added CMST& 102 and &220 to recommended electives.
6. Remove Journ 177-179 and Coop 171 from recommended electives.

SIGNATURE APPROVALS

Initiator: Tom Krause Date Faculty Curriculum Review Committee Chair Date

Division Chair: Ron Bayer Date Instructional Council Date

Dean of Instruction: Christie Gilliland Date Vice President of Instruction Date

Curriculum Support Services Date
Broadcasting
Associate in Pre-Professional Degree
90 Credits

Broadcasting students may earn a one-year certificate in Broadcasting or a two-year Associate in Pre-Professional degree.

Contact: Tom Evans Krause, ext. 2190
rriley@greenriver.edu

<table>
<thead>
<tr>
<th>Dept./No.</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Cmst&amp; 102 or</td>
<td>Introduction to Mass Media or</td>
<td></td>
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<tr>
<td>Cmst&amp; 220</td>
<td>Public Speaking</td>
<td>5</td>
</tr>
<tr>
<td>Engl&amp; 101</td>
<td>English Composition 1</td>
<td>5</td>
</tr>
<tr>
<td>Engl 126 or</td>
<td>Writing: Humanities or</td>
<td></td>
</tr>
<tr>
<td>Engl 127 or</td>
<td>Writing: Social Science or</td>
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</tr>
<tr>
<td>Engl 128</td>
<td>Research Writing: Science/Engineering/Business</td>
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<tr>
<td>Journ 150</td>
<td>Introduction to Broadcasting</td>
<td>3</td>
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<tr>
<td>Journ 151</td>
<td>Radio Production</td>
<td>3</td>
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<tr>
<td>Journ 152</td>
<td>Radio and the Community</td>
<td>3</td>
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<tr>
<td>Journ 153</td>
<td>Broadcast Newwriting</td>
<td>3</td>
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<tr>
<td>Journ 156</td>
<td>Broadcast and New Media Announcing</td>
<td>3</td>
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<tr>
<td>Journ 162</td>
<td>Introduction to Broadcast Technology</td>
<td>3</td>
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<tr>
<td>Journ 254</td>
<td>Advanced Radio Production</td>
<td>3</td>
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<tr>
<td>Journ 255</td>
<td>Marketing the Broadcast Media</td>
<td>3</td>
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<tr>
<td>Lifetime/Fitness Wellness</td>
<td>Include one fitness-related course</td>
<td>2-3</td>
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<tr>
<td>Math</td>
<td>Any Math course 100 or higher</td>
<td>5</td>
</tr>
<tr>
<td>Math/Natural Science</td>
<td>Two separate areas including one lab</td>
<td>10</td>
</tr>
<tr>
<td>Humanities/Fine Arts</td>
<td>One additional course (not Cmst or Journ)</td>
<td>5</td>
</tr>
<tr>
<td>Social Science</td>
<td>Three separate areas</td>
<td>15</td>
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<td>(Must take one course from Diversity list as offered in Humanities/Fine Arts or Social Science)</td>
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</tr>
<tr>
<td>Electives</td>
<td>(see Recommended Electives below)</td>
<td>3-4</td>
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</tbody>
</table>

Select a minimum of 10 credits from the following group of Journalism courses: 10

*Must take one course from Journ 110, 111, 112, and
*Must take one course from Journ 120, 121, 122, and
*Must take one course from Journ 205, 206, 207

| Journ 110 or    | Radio Laboratory 1 or                             |         |
| Journ 111 or    | Radio Laboratory 2 or                             |         |
| Journ 112       | Radio Laboratory 2                                 | (1-5)   |
| Journ 120 or    | Digital Radio Laboratory or                        |         |
| Journ 121 or    | Digital Radio Laboratory 2 or                      |         |
| Journ 122       | Digital Radio Laboratory 3                         | (1-5)   |
| Journ 205 or    | Radio Management or                               |         |
| Journ 206 or    | Radio Workshop or                                 |         |
| Journ 207 or    | Advanced Radio Workshop                            | (1-5)   |
### Electives:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cmst&amp; 102</td>
<td>Introduction to Mass Media</td>
<td>(5)</td>
</tr>
<tr>
<td>Cmst&amp; 220</td>
<td>Public Speaking</td>
<td>(5)</td>
</tr>
<tr>
<td>Cmst 215</td>
<td>Critical Analysis of Media</td>
<td>(5)</td>
</tr>
<tr>
<td>Journ 251-253</td>
<td>Journalism Internship 1-3</td>
<td>(3-9)</td>
</tr>
</tbody>
</table>

Green River Community College has made reasonable efforts to provide in this catalog (publication) information that is accurate at the time of publication. However, the college reserves the right to make appropriate changes in procedures, policies, calendars, requirements, programs, courses, and fees. When feasible, changes will be announced prior to their effective dates, but the college assumes no responsibility for giving any particular notice of any such changes. Nothing contained herein shall be construed to create any offer to contract or any contractual rights.