

# Abilene Approval Chart for Curriculum Changes

A = Approve      I = Information Item      R = Respond in Writing

Course Number or Degree Plan(s) Computer Science – Game Development (CS-GD)\_\_\_\_\_

State the requested change and reason. A memo may be attached if more space is necessary.

1. Revise the Computer Science – Game Development concentration to reflect changes in university requirements, remove ITC 250 as a required course, and alter concentration menu to specify IT 300-499 (replace IT 200-499)

Indicate the requested change.

|     | Change to a Course                                   | Dept./School <sup>1</sup> | College | Dean | TEC | UGEC | AUAC/Grad | Provost | President |
|-----|------------------------------------------------------|---------------------------|---------|------|-----|------|-----------|---------|-----------|
| 1.  | Title (description unchanged)                        | A                         | A       | A    | I   | –    | I         | I       | I         |
| 2.  | Description (not affecting content)                  | A                         | A       | A    | I   | –    | I         | I       | I         |
| 3.  | Course term(s)                                       | A                         | I       | A    | I   | –    | I         | I       | I         |
| 4.  | Content (change of course outcomes)                  | A                         | A       | A    | I   | –    | I         | A       | I         |
| 5.  | Number of hours (lecture, lab, contact)              | A                         | A       | A    | A   | –    | A         | A       | I         |
| 6.  | Course number within the hundred                     | A                         | A       | I    | I   | –    | I         | I       | I         |
| 7.  | Course number beyond the hundred                     | A                         | A       | A    | A   | –    | A         | A       | I         |
| 8.  | Prerequisites                                        | A                         | A       | A    | I   | –    | I         | I       | I         |
| 9.  | Course fee(s)                                        | A                         | –       | A    | –   | –    | –         | A       | I         |
| 10. | From U to G or G to U                                | A                         | A       | A    | A   | –    | A         | A       | I         |
| 11. | Cross-list course                                    | A                         | A       | A    | A   | –    | A         | A       | I         |
| 12. | Department of record                                 | A                         | A       | A    | A   | –    | A         | A       | I         |
| 13. | Close a course                                       | A                         | A       | A    | A   | –    | A         | A       | I         |
| 14. | New course (includes combining or splitting courses) | A                         | A       | A    | A   | –    | A         | A       | I         |

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|     | <b>Change to the University Requirements<br/>(All Campuses)</b>                                            | <b>Dept./School<sup>1</sup></b> | <b>College</b> | <b>Dean</b> | <b>TEC</b> | <b>UGEC</b> | <b>AUAC/Grad</b> | <b>Provost</b> | <b>Faculty</b> | <b>President</b> | <b>Trustees</b> |
|-----|------------------------------------------------------------------------------------------------------------|---------------------------------|----------------|-------------|------------|-------------|------------------|----------------|----------------|------------------|-----------------|
| 1.  | University Requirements — Change course outcomes of an included course <sup>2</sup>                        | A                               | A              | A           | —          | A           | —                | A              | —              | A                | —               |
| 2.  | University Requirements — Add or drop a required course from the University Requirements <sup>2</sup>      | A                               | A              | A           | —          | A           | —                | A              | A              | A                | —               |
| 3.  | University Requirements — Add or drop a course from a menu within the University Requirements <sup>2</sup> | A                               | —              | —           | —          | A           | —                | A              | —              | A                | —               |
| 4.  | University Requirements — Change hours within a menu in the University Requirements <sup>2</sup>           | A                               | A              | A           | —          | A           | —                | A              | A              | A                | —               |
|     | <b>Change to Catalog Information<br/>(for Campus)</b>                                                      |                                 |                |             |            |             |                  |                |                |                  |                 |
| 1.  | General Requirements for Bachelor's Degrees and Associate's Degrees                                        | —                               | —              | —           | —          | —           | A                | A              | A              | A                | —               |
| 2.  | Policies governing academic probation and suspension                                                       | —                               | —              | —           | —          | —           | A                | A              | A              | A                | —               |
| 3.  | Requirements for graduating with honors                                                                    | —                               | —              | —           | —          | —           | A                | A              | A              | A                | —               |
|     | <b>Change to a Degree Plan<br/>Proposed by Faculty or College</b>                                          |                                 |                |             |            |             |                  |                |                |                  |                 |
| 5.  | Educational Program — Revise <sup>3</sup>                                                                  | A                               | A              | A           | A          | —           | A                | A              | —              | A                | —               |
| 6.  | Educational Program — Adopt/change admission requirements                                                  | A                               | A              | A           | A          | —           | A                | A              | —              | A                | —               |
| 7.  | Educational Program — Add <sup>3</sup>                                                                     | A                               | A              | A           | A          | —           | A                | A              | A              | A                | I               |
| 8.  | Educational Program — Discontinue                                                                          | A                               | A              | A           | A          | —           | A                | A              | A              | A                | I               |
| 9.  | GPA — Revise program-required GPAs                                                                         | A                               | A              | A           | A          | —           | A                | A              | —              | A                | —               |
| 10. | Minor — Revise                                                                                             | A                               | A              | A           | I          | —           | I                | I              | —              | I                | —               |
| 11. | Minor — Add                                                                                                | A                               | A              | A           | A          | —           | A                | A              | —              | A                | —               |
| 12. | Minor — Discontinue                                                                                        | A                               | A              | A           | A          | —           | A                | A              | —              | A                | —               |
| 13. | Degree — Add                                                                                               | A                               | A              | A           | A          | —           | A                | A              | A              | A                | I               |
| 14. | Degree — Discontinue                                                                                       | A                               | A              | A           | A          | —           | A                | A              | A              | A                | I               |
|     | <b>Change to a Degree Plan<br/>Proposed By Provost</b>                                                     |                                 |                |             |            |             |                  |                |                |                  |                 |
| 15. | Educational Program — Discontinue                                                                          | R                               | —              | R           | A          | —           | A                | A              | A              | A                | I               |
| 16. | Minor — Discontinue                                                                                        | R                               | —              | R           | A          | —           | A                | A              | —              | A                | —               |
| 17. | Degree — Discontinue                                                                                       | R                               | —              | R           | A          | —           | A                | A              | A              | A                | I               |

<sup>1</sup> When an academic unit does not have a council, the UGEC and/or AUAC will serve as its academic council, depending on the nature of the issue.

<sup>2</sup> Courses that satisfy ACU's University Requirements will normally have lower-level numbering, be free of prerequisites and co-requisites, appeal to more than one or two majors, and "not narrowly focus on those skills, techniques, and procedures specific to a particular occupation or profession" (SACS 2.7.3). Departments may request exceptions to the first three criteria.

<sup>3</sup> For undergraduate majors, a minimum of 30 hours is required. These programs must have a minimum of 6 elective hours, unless the requirements of external accrediting bodies make it impossible.

|                                   |                        |
|-----------------------------------|------------------------|
| <b>Department/School Chair(s)</b> |                        |
| <u>John Homer</u>                 | <u>10/31/22</u>        |
| Signature                         | Approval date          |
| _____<br>Signature                | _____<br>Approval date |

|                                    |                        |
|------------------------------------|------------------------|
| <b>College Academic Council(s)</b> |                        |
| <u>Kyle Lypson</u>                 | <u>4/4/2023</u>        |
| Signature                          | Approval date          |
| _____<br>Signature                 | _____<br>Approval date |

|                    |                        |
|--------------------|------------------------|
| <b>Dean(s)</b>     |                        |
| <u>[Signature]</u> | <u>April 6, 2023</u>   |
| Signature          | Approval date          |
| _____<br>Signature | _____<br>Approval date |

|                                  |                        |
|----------------------------------|------------------------|
| <b>Teacher Education Council</b> |                        |
| _____<br>Chair's signature       | _____<br>Approval date |

|                                             |                        |
|---------------------------------------------|------------------------|
| <b>University General Education Council</b> |                        |
| _____<br>Chair's signature                  | _____<br>Approval date |

|                                               |                        |
|-----------------------------------------------|------------------------|
| <b>Abilene Undergraduate Academic Council</b> |                        |
| _____<br>Chair's signature                    | _____<br>Approval date |

|                            |                        |
|----------------------------|------------------------|
| <b>Graduate Council</b>    |                        |
| _____<br>Chair's signature | _____<br>Approval date |

|                    |                        |
|--------------------|------------------------|
| <b>Provost</b>     |                        |
| _____<br>Signature | _____<br>Approval date |

|                                  |                        |
|----------------------------------|------------------------|
| <b>Faculty</b>                   |                        |
| _____<br>Chair of Faculty Senate | _____<br>Approval date |

|                    |                        |
|--------------------|------------------------|
| <b>President</b>   |                        |
| _____<br>Signature | _____<br>Approval date |

## Computer Science, Game Development, BS (CS-GDP)

### Major Requirements

CS 120 - Programming I [3]  
CS 130 - Programming II: Data Structures [3]  
ENGR 210 - Digital Logic [3]  
CS 230 - Object-Oriented Programming [3]  
CS 332 - Design and Analysis of Algorithms [3]  
CS 374 - Software Engineering [3]  
IT 220 - Introduction to Databases and Database Management Systems [3]  
IT 221 - Fundamentals of Networking and Data Communications [3]  
IT 310 - Introduction to Computer and Information Security [3]  
ITC 110 - Introduction to Information, Technology, and Computing [3]  
ITC 125 - Introduction to Human-Computer Interaction [3] \*  
~~ITC 250 - History of Computing [3] \*\*~~  
ITC 480 - Reflections on Faith and Work [3] (capstone and writing-intensive course)

*\*Hours may also fulfill university requirements and are not included in total major hours*

Select 3 hours from the following:

ITC 399 - ITC Research [3]  
ITC 499 - Information, Technology, and Computing Internship [3]

Total: 36 Credit Hours

### Game Development (GD)

CS 375 - Software Engineering II [3]  
DET 210 - Introduction to Digital Entertainment [3]  
DET 260 - Game Engines [3]

Select 3 hours from:

DET 200-499 [3]

Select 12 hours from:

CS 200 - 499  
DET 200 - 499  
IT ~~200~~ 300 - 499  
ITC 200 - 499  
IS 300 - 499  
ENGR 422 - Embedded Systems [3]  
BLAW 363 - Legal Environment of Business [3]  
MATH 186 - Calculus II [3]  
MATH 286 - Calculus III [3]  
MATH 325 - Linear Algebra [3]  
MATH 334 - Linear Programming [3]  
MATH 351 - Abstract Algebra 1 [3]  
MATH 432 - Introduction to Operations Research [3]

Total: 24 Credit Hours

### Supplement for Major

MATH 185 - Calculus I [3] \*\*

MATH 227 - Discrete Mathematics [3] \*\*

MATH 377 - Statistical Methods I [3]

*\*\*Hours may also fulfill university requirements and are not included in total major hours*

Total: ~~63~~ Credit Hours

### Electives

Minimum - ~~89~~ Credit Hours

Total Major Hours: ~~72~~74



Other Graduation Requirements

Minimum grade of C in CS 120, CS 130, CS 230; IT 220, IT 221; MATH 227

Minimum GPA in major and concentration courses: 2.00

Minimum GPA for graduation: 2.00

Minimum advanced hours: 33

Minimum total hours: 128

Courses numbered 0\*\* do not count in minimum hours required for degree.